

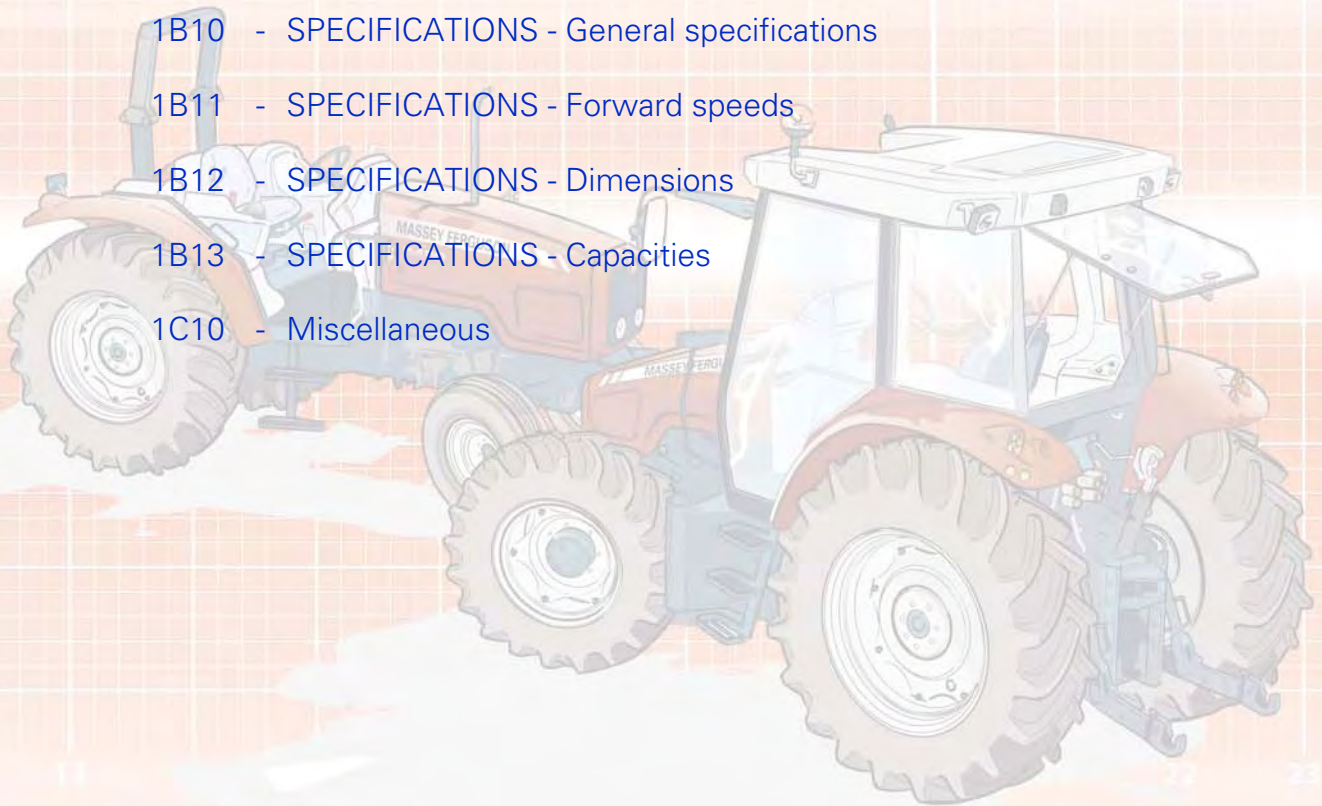


## Introduction - Specifications

# 01 - Introduction - Specifications

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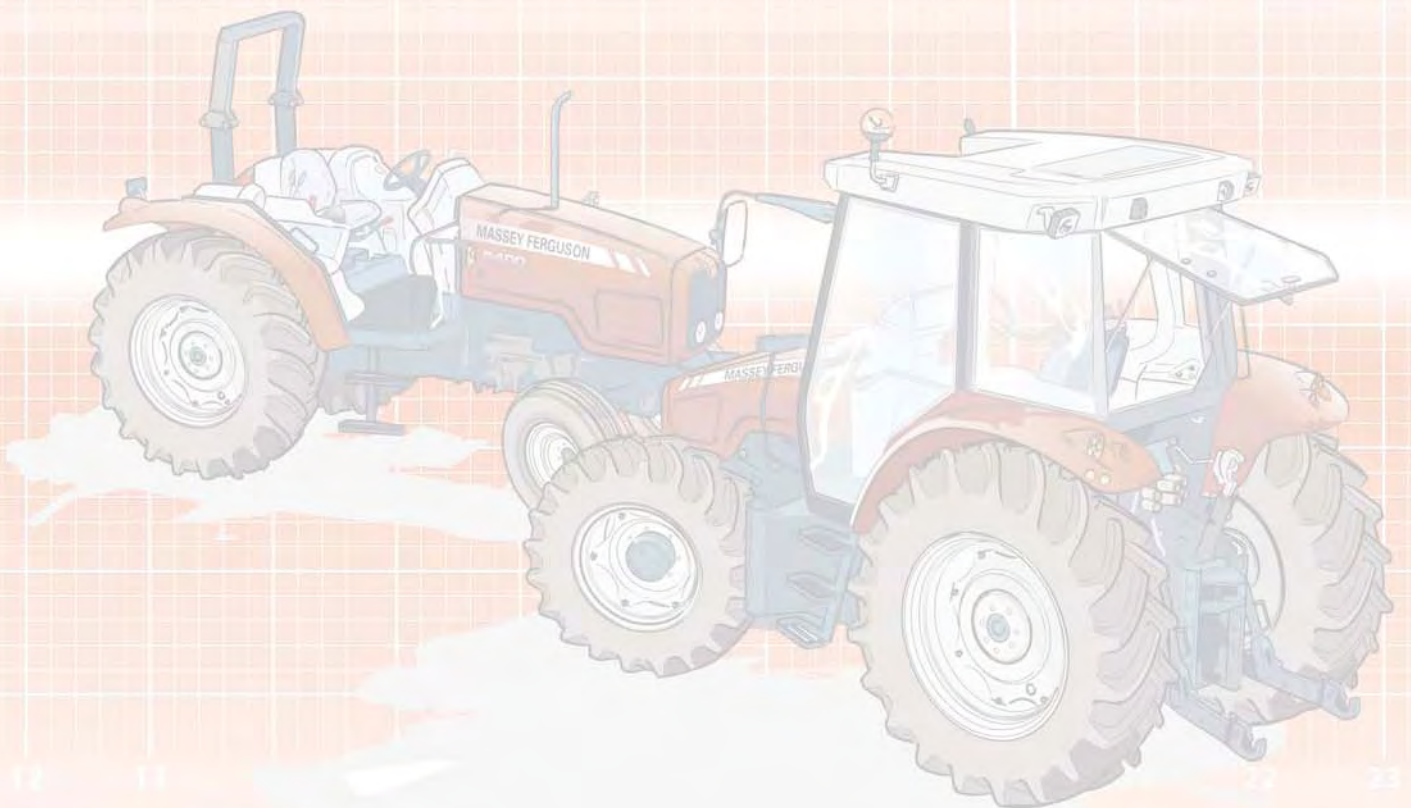
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## Introduction - Specifications



# 5400



## *1A10- Using the manual*

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## Using the manual

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### A . General

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The purpose of this manual is to assist Dealers and Agents in the efficient installation, maintenance and repair of AGCO equipment. Carrying out the procedures as detailed, together with the use of special tools where appropriate, will enable the operations to be completed within the time stated in the repair time schedule.

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### B . Structure of the manual

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#### Page numbering

This manual is divided into chapters and sections, each page containing the following information:

Example: **10A12.1**

**10** = chapter

**A12** = section

**1** = page number within the section

The issue number is indicated at the bottom of the page.

#### Summaries

For quick reference, each chapter starts with a table of contents, listing the various sections included in that chapter.

#### Meaning of references

(...): identification of parts and components

#### Amendments

Modified pages will be edited using the same page numbering as the preceding pages—only the issue number changes.

The old pages should be destroyed.

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### C . Service tools

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Where the use of a service tool is necessary to carry out an operation, the tool reference is mentioned with the relevant instruction.

Tool drawings for locally made tools are given at the end of the relevant sections.

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### D . Repairs and parts replacement

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When parts have to be replaced, it is essential that only genuine AGCO parts are used.

The following points are of particular importance when carrying out repairs and fitting replacement parts and accessories.

Tractor safety may be compromised if non-genuine parts are fitted.

Legislation in certain countries prohibits the fitting of parts that do not comply with the tractor manufacturer's specifications. Torque wrench setting figures given in the workshop manual must be strictly adhered to. Locking devices must be fitted where specified. If the efficiency of a locking device is impaired during removal, it must be replaced.

The tractor warranty may be invalidated if non-genuine AGCO parts are fitted. All AGCO spare parts are guaranteed by the manufacturer. AGCO Dealers and Agents are required to supply genuine service parts only.



## *1B10- SPECIFICATIONS - General specifications*

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## **SPECIFICATIONS - General specifications**

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# SPECIFICATIONS - General specifications

## A . General specifications

### Model 5425

| Engine                               |                                                                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 65                                                                                                                                                    |
| DIN power (Kw)                       | 49                                                                                                                                                    |
| Brand                                | PERKINS                                                                                                                                               |
| Type                                 | 1104C-44                                                                                                                                              |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                 |
| Turbo                                | No                                                                                                                                                    |
| Intercooler                          | No                                                                                                                                                    |
| Injection pump                       | Bosch VE10                                                                                                                                            |
| Fan                                  | Viscostatic                                                                                                                                           |
| Alternator                           | 80 A / 120 A                                                                                                                                          |
| Gearbox                              |                                                                                                                                                       |
| Gearbox model                        | GBA20/GBA25                                                                                                                                           |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                     |
| Number of discs                      | 5 pads (mechanical reverse shuttle)<br>4 forward discs/3 reverse discs (GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs (GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                     |
| Creeper unit 4/1                     | Options                                                                                                                                               |
| Creeper unit 14/1                    | Options                                                                                                                                               |
| Rear axle                            |                                                                                                                                                       |
| Axle model                           | GPA20                                                                                                                                                 |
| Final drives                         | ND                                                                                                                                                    |
| Axle shaft Ø                         | 76 mm                                                                                                                                                 |
| Flanged shaft                        | Standard                                                                                                                                              |
| Brake discs per trumpet housing      | 1                                                                                                                                                     |
| Hand brake discs                     | 3                                                                                                                                                     |
| Differential lock                    | Dog clutch                                                                                                                                            |
| Linkage                              |                                                                                                                                                       |
| Stabilisers                          | Telescopic / without                                                                                                                                  |
| Multi-hole drawbar                   | Options                                                                                                                                               |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                         |
| Clevis hitch                         | Standard or assisted                                                                                                                                  |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                  |
| Semi-mounted trailer hitch           | Stud or auto-hitch (*)                                                                                                                                |
| Swinging drawbar                     | Standard                                                                                                                                              |
| Roller type swinging drawbar         | Options                                                                                                                                               |
| Power take-off                       |                                                                                                                                                       |
| Type                                 | Interchangeable / shiftable shaft                                                                                                                     |
| 540/1000/eco                         | Optional (*)                                                                                                                                          |
| Number of clutch discs               | 4                                                                                                                                                     |
| PTO brake                            | Hydraulics                                                                                                                                            |

| Proportional PTO                    | Options                                                                    |
|-------------------------------------|----------------------------------------------------------------------------|
| Front power take-off                | Options                                                                    |
| Front axle                          |                                                                            |
| Model                               | DANA AG 85 (720/520)                                                       |
| Type                                | Fixed                                                                      |
| Rotational direction                | Clockwise                                                                  |
| Clutch                              | Multidisc                                                                  |
| Factor K                            | 1.369 (GBA20)/1.363 (GBA25)                                                |
| Swivelling mudguard (4WD)           | Options                                                                    |
| 2WD                                 | Optional (standard track width/wide track width)                           |
| Front linkage (optional)            | 2.5 T                                                                      |
| Hydraulics                          |                                                                            |
| Open Centre 57 l/min                | Standard                                                                   |
| Open Centre 100 l/min               | Options                                                                    |
| Orbitrol steering                   | 100 cc                                                                     |
| Brake master cylinder               | Standard                                                                   |
| Braking assistance                  | No                                                                         |
| Trailer brake                       | Optional (*)                                                               |
| Auxiliary spool valves              | 0 - 4 mechanical                                                           |
| Joystick                            | Mechanical                                                                 |
| Couplers                            | Decompression                                                              |
| Electronics                         |                                                                            |
| Transmission control                | AUTOTRONIC 5 (if Power Shuttle)<br>Without (if mechanical reverse shuttle) |
| Linkage controller                  | EHRB/AUTOTRONIC 5                                                          |
| Draft sensors                       | 1                                                                          |
| Sensor capacity                     | 4 T                                                                        |
| Datatronic                          | Without                                                                    |
| Fieldstar                           | Options                                                                    |
| Cab                                 |                                                                            |
| Rear-view mirrors                   | Standard / Telescopic (optional)                                           |
| Air conditioning                    | Manual (optional)                                                          |
| Windscreen                          | Standard / Opening (optional)                                              |
| Standard bonnet                     | Standard                                                                   |
| Sloping bonnet                      | Options                                                                    |
| Standard roof                       | Standard                                                                   |
| High-visibility roof                | Options                                                                    |
| Slimline roof                       | Options                                                                    |
| Platform                            | Options                                                                    |
| Reference (*): according to country |                                                                            |

# SPECIFICATIONS - General specifications

## Model 5435

| Engine                               |                                                                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 75                                                                                                                                                    |
| DIN power (Kw)                       | 56                                                                                                                                                    |
| Brand                                | PERKINS                                                                                                                                               |
| Type                                 | 1104C-44T                                                                                                                                             |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                 |
| Turbo                                | Yes                                                                                                                                                   |
| Intercooler                          | No                                                                                                                                                    |
| Injection pump                       | Bosch VE10                                                                                                                                            |
| Fan                                  | Viscostatic                                                                                                                                           |
| Alternator                           | 80 A / 120 A                                                                                                                                          |
| Gearbox                              |                                                                                                                                                       |
| Gearbox model                        | GBA20/GBA25                                                                                                                                           |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                     |
| Number of discs                      | 5 pads (mechanical reverse shuttle)<br>4 forward discs/3 reverse discs (GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs (GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                     |
| Creeper unit 4/1                     | Options                                                                                                                                               |
| Creeper unit 14/1                    | Options                                                                                                                                               |
| Rear axle                            |                                                                                                                                                       |
| Axle model                           | GPA20                                                                                                                                                 |
| Final drives                         | ND                                                                                                                                                    |
| Axle shaft Ø                         | 76 mm                                                                                                                                                 |
| Flanged shaft                        | Standard                                                                                                                                              |
| Brake discs per trumpet housing      | 1                                                                                                                                                     |
| Hand brake discs                     | 3                                                                                                                                                     |
| Differential lock                    | Dog clutch                                                                                                                                            |
| Linkage                              |                                                                                                                                                       |
| Stabilisers                          | Telescopic / without                                                                                                                                  |
| Multi-hole drawbar                   | Options                                                                                                                                               |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                         |
| Clevis hitch                         | Standard or assisted                                                                                                                                  |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                  |
| Semi-mounted trailer hitch           | Stud or auto-hitch (*)                                                                                                                                |
| Swinging drawbar                     | Standard                                                                                                                                              |
| Roller type swinging drawbar         | Options                                                                                                                                               |
| Power take-off                       |                                                                                                                                                       |
| Type                                 | Interchangeable / shiftable shaft                                                                                                                     |
| 540/1000/eco                         | Optional (*)                                                                                                                                          |
| Number of clutch discs               | 4                                                                                                                                                     |
| PTO brake                            | Hydraulics                                                                                                                                            |
| Proportional PTO                     | Options                                                                                                                                               |
| Front power take-off                 | Options                                                                                                                                               |

| Front axle                          |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| Model                               | DANA AG 85 (720/520)                                                       |
| Type                                | Fixed                                                                      |
| Rotational direction                | Clockwise                                                                  |
| Clutch                              | Multidisc                                                                  |
| Factor K                            | 1.369 (GBA20)/1.363 (GBA25)                                                |
| Swivelling mudguard (4WD)           | Options                                                                    |
| 2WD                                 | Optional (standard track width/wide track width)                           |
| Front linkage (optional)            | 2.5 T                                                                      |
| Hydraulics                          |                                                                            |
| Open Centre 57 l/min                | Standard                                                                   |
| Open Centre 100 l/min               | Options                                                                    |
| Orbitrol steering                   | 100 cc                                                                     |
| Brake master cylinder               | Standard                                                                   |
| Braking assistance                  | No                                                                         |
| Trailer brake                       | Optional (*)                                                               |
| Auxiliary spool valves              | 0 - 4 mechanical                                                           |
| Joystick                            | Mechanical                                                                 |
| Couplers                            | Decompression                                                              |
| Electronics                         |                                                                            |
| Transmission control                | AUTOTRONIC 5 (if Power Shuttle)<br>Without (if mechanical reverse shuttle) |
| Linkage controller                  | EHRB/AUTOTRONIC 5                                                          |
| Draft sensors                       | 1                                                                          |
| Sensor capacity                     | 4 T                                                                        |
| Datatronic                          | Without                                                                    |
| Fieldstar                           | Options                                                                    |
| Cab                                 |                                                                            |
| Rear-view mirrors                   | Standard / Telescopic (optional)                                           |
| Air conditioning                    | Manual (optional)                                                          |
| Windscreen                          | Standard / Opening (optional)                                              |
| Standard bonnet                     | Standard                                                                   |
| Sloping bonnet                      | Options                                                                    |
| Standard roof                       | Standard                                                                   |
| High-visibility roof                | Options                                                                    |
| Slimline roof                       | Options                                                                    |
| Platform                            | Options                                                                    |
| Reference (*): according to country |                                                                            |

# SPECIFICATIONS - General specifications

## Model 5445

| Engine                               |                                                                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 85                                                                                                                                                    |
| DIN power (Kw)                       | 63                                                                                                                                                    |
| Brand                                | PERKINS                                                                                                                                               |
| Type                                 | 1104C-44T                                                                                                                                             |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                 |
| Turbo                                | Yes                                                                                                                                                   |
| Intercooler                          | No                                                                                                                                                    |
| Injection pump                       | Lucas DP210                                                                                                                                           |
| Fan                                  | Viscostatic                                                                                                                                           |
| Alternator                           | 80 A / 120 A                                                                                                                                          |
| Gearbox                              |                                                                                                                                                       |
| Gearbox model                        | GBA20/GBA25                                                                                                                                           |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                     |
| Number of discs                      | 6 pads (mechanical reverse shuttle)<br>4 forward discs/3 reverse discs (GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs (GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                     |
| Creeper unit 4/1                     | Options                                                                                                                                               |
| Creeper unit 14/1                    | Options                                                                                                                                               |
| Rear axle                            |                                                                                                                                                       |
| Axle model                           | GPA20                                                                                                                                                 |
| Final drives                         | ND                                                                                                                                                    |
| Axle shaft Ø                         | 76 mm                                                                                                                                                 |
| Flanged shaft                        | Standard                                                                                                                                              |
| Brake discs per trumpet housing      | 1                                                                                                                                                     |
| Hand brake discs                     | 3                                                                                                                                                     |
| Differential lock                    | Dog clutch                                                                                                                                            |
| Linkage                              |                                                                                                                                                       |
| Stabilisers                          | Telescopic / without                                                                                                                                  |
| Multi-hole drawbar                   | Options                                                                                                                                               |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                         |
| Clevis hitch                         | Standard or assisted                                                                                                                                  |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                  |
| Semi-mounted trailer hitch           | Stud or auto-hitch (*)                                                                                                                                |
| Swinging drawbar                     | Standard                                                                                                                                              |
| Roller type swinging drawbar         | Options                                                                                                                                               |
| Power take-off                       |                                                                                                                                                       |
| Type                                 | Interchangeable / shiftable shaft                                                                                                                     |
| 540/1000/eco                         | Optional (*)                                                                                                                                          |
| Number of clutch discs               | 4                                                                                                                                                     |
| PTO brake                            | Hydraulics                                                                                                                                            |
| Proportional PTO                     | Options                                                                                                                                               |
| Front power take-off                 | Options                                                                                                                                               |

| Front axle                          |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| Model                               | DANA AG 85 (720/520)                                                       |
| Type                                | Fixed                                                                      |
| Rotational direction                | Clockwise                                                                  |
| Clutch                              | Multidisc                                                                  |
| Factor K                            | 1.340 (GBA20)/1.363 (GBA25)                                                |
| Swivelling mudguard (4WD)           | Options                                                                    |
| 2WD                                 | Optional (standard track width/wide track width)                           |
| Front linkage (optional)            | 2.5 T                                                                      |
| Hydraulics                          |                                                                            |
| Open Centre 57 l/min                | Standard                                                                   |
| Open Centre 100 l/min               | Options                                                                    |
| Orbitrol steering                   | 100 cc                                                                     |
| Brake master cylinder               | Standard                                                                   |
| Braking assistance                  | No                                                                         |
| Trailer brake                       | Optional (*)                                                               |
| Auxiliary spool valves              | 0 - 4 mechanical                                                           |
| Joystick                            | Mechanical                                                                 |
| Couplers                            | Decompression                                                              |
| Electronics                         |                                                                            |
| Transmission control                | AUTOTRONIC 5 (if Power Shuttle)<br>Without (if mechanical reverse shuttle) |
| Linkage controller                  | EHRB/AUTOTRONIC 5                                                          |
| Draft sensors                       | 1                                                                          |
| Sensor capacity                     | 4 T                                                                        |
| Datatronic                          | Without                                                                    |
| Fieldstar                           | Options                                                                    |
| Cab                                 |                                                                            |
| Rear-view mirrors                   | Standard / Telescopic (optional)                                           |
| Air conditioning                    | Manual (optional)                                                          |
| Windscreen                          | Standard / Opening (optional)                                              |
| Standard bonnet                     | Standard                                                                   |
| Sloping bonnet                      | Options                                                                    |
| Standard roof                       | Standard                                                                   |
| High-visibility roof                | Options                                                                    |
| Slimline roof                       | Options                                                                    |
| Platform                            | Options                                                                    |
| Reference (*): according to country |                                                                            |

# SPECIFICATIONS - General specifications

## Model 5455

| Engine                               |                                                                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 95                                                                                                                                                    |
| DIN power (Kw)                       | 71                                                                                                                                                    |
| Brand                                | PERKINS                                                                                                                                               |
| Type                                 | 1104C-44T                                                                                                                                             |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                 |
| Turbo                                | Yes                                                                                                                                                   |
| Intercooler                          | No                                                                                                                                                    |
| Injection pump                       | Lucas DP210                                                                                                                                           |
| Fan                                  | Viscostatic                                                                                                                                           |
| Alternator                           | 80 A / 120 A                                                                                                                                          |
| Gearbox                              |                                                                                                                                                       |
| Gearbox model                        | GBA20/GBA25                                                                                                                                           |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                     |
| Number of discs                      | 6 pads (mechanical reverse shuttle)<br>4 forward discs/3 reverse discs (GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs (GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                     |
| Creeper unit 4/1                     | Options                                                                                                                                               |
| Creeper unit 14/1                    | Options                                                                                                                                               |
| Rear axle                            |                                                                                                                                                       |
| Axle model                           | GPA20                                                                                                                                                 |
| Final drives                         | ND                                                                                                                                                    |
| Axle shaft Ø                         | 76 mm                                                                                                                                                 |
| Flanged shaft                        | Standard                                                                                                                                              |
| Brake discs per trumpet housing      | 1                                                                                                                                                     |
| Hand brake discs                     | 3                                                                                                                                                     |
| Differential lock                    | Dog clutch                                                                                                                                            |
| Linkage                              |                                                                                                                                                       |
| Stabilisers                          | Telescopic / without                                                                                                                                  |
| Multi-hole drawbar                   | Options                                                                                                                                               |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                         |
| Clevis hitch                         | Standard or assisted                                                                                                                                  |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                  |
| Semi-mounted trailer hitch           | Stud or auto-hitch (*)                                                                                                                                |
| Swinging drawbar                     | Standard                                                                                                                                              |
| Roller type swinging drawbar         | Options                                                                                                                                               |
| Power take-off                       |                                                                                                                                                       |
| Type                                 | Interchangeable / shiftable shaft                                                                                                                     |
| 540/1000/eco                         | Optional (*)                                                                                                                                          |
| Number of clutch discs               | 4                                                                                                                                                     |
| PTO brake                            | Hydraulics                                                                                                                                            |
| Proportional PTO                     | Options                                                                                                                                               |
| Front power take-off                 | Options                                                                                                                                               |

| Front axle                          |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| Model                               | DANA AG 85 (720/520)                                                       |
| Type                                | Fixed                                                                      |
| Rotational direction                | Clockwise                                                                  |
| Clutch                              | Multidisc                                                                  |
| Factor K                            | 1.340 (GBA20)/1.363 (GBA25)                                                |
| Swivelling mudguard (4WD)           | Options                                                                    |
| 2WD                                 | Optional (standard track width/wide track width)                           |
| Front linkage (optional)            | 2.5 T                                                                      |
| Hydraulics                          |                                                                            |
| Open Centre 57 l/min                | Standard                                                                   |
| Open Centre 100 l/min               | Options                                                                    |
| Closed Centre 110 l/min             | Options                                                                    |
| Orbitrol steering                   | 100 cc                                                                     |
| Brake master cylinder               | Standard                                                                   |
| Braking assistance                  | No                                                                         |
| Trailer brake                       | Optional (*)                                                               |
| Auxiliary spool valves              | 0 - 4 mechanical                                                           |
| Joystick                            | Mechanical                                                                 |
| Couplers                            | Decompression                                                              |
| Electronics                         |                                                                            |
| Transmission control                | AUTOTRONIC 5 (if Power Shuttle)<br>Without (if mechanical reverse shuttle) |
| Linkage controller                  | EHRB/AUTOTRONIC 5                                                          |
| Draft sensors                       | 1                                                                          |
| Sensor capacity                     | 4 T                                                                        |
| Datatronic                          | Without                                                                    |
| Fieldstar                           | Options                                                                    |
| Cab                                 |                                                                            |
| Rear-view mirrors                   | Standard / Telescopic (optional)                                           |
| Air conditioning                    | Manual (optional)                                                          |
| Windscreen                          | Standard / Opening (optional)                                              |
| Standard bonnet                     | Standard                                                                   |
| Sloping bonnet                      | Options                                                                    |
| Standard roof                       | Standard                                                                   |
| High-visibility roof                | Options                                                                    |
| Slimline roof                       | Options                                                                    |
| Platform                            | Options                                                                    |
| Reference (*): according to country |                                                                            |

# SPECIFICATIONS - General specifications

## Model 5460

| Engine                               |                                                                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 105                                                                                                                                                   |
| DIN power (Kw)                       | 78                                                                                                                                                    |
| Brand                                | PERKINS                                                                                                                                               |
| Type                                 | 1104C-44TA                                                                                                                                            |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                 |
| Turbo                                | Yes                                                                                                                                                   |
| Intercooler                          | Air / air                                                                                                                                             |
| Injection pump                       | Lucas DP210                                                                                                                                           |
| Fan                                  | Viscostatic                                                                                                                                           |
| Alternator                           | 80 A / 120 A                                                                                                                                          |
| Gearbox                              |                                                                                                                                                       |
| Gearbox model                        | GBA20/GBA25                                                                                                                                           |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                     |
| Number of discs                      | 6 pads (mechanical reverse shuttle)<br>5 forward discs/4 reverse discs (GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs (GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                     |
| Creeper unit 4/1                     | Options                                                                                                                                               |
| Creeper unit 14/1                    | Options                                                                                                                                               |
| Rear axle                            |                                                                                                                                                       |
| Axle model                           | GPA20                                                                                                                                                 |
| Final drives                         | ND                                                                                                                                                    |
| Axle shaft Ø                         | 76 mm                                                                                                                                                 |
| Flanged shaft                        | Standard                                                                                                                                              |
| Brake discs per trumpet housing      | 1                                                                                                                                                     |
| Hand brake discs                     | 3                                                                                                                                                     |
| Differential lock                    | Dog clutch                                                                                                                                            |
| Linkage                              |                                                                                                                                                       |
| Stabilisers                          | Telescopic / without                                                                                                                                  |
| Multi-hole drawbar                   | Options                                                                                                                                               |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                         |
| Clevis hitch                         | Standard or assisted                                                                                                                                  |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                  |
| Semi-mounted trailer hitch           | Stud or auto-hitch (*)                                                                                                                                |
| Swinging drawbar                     | Standard                                                                                                                                              |
| Roller type swinging drawbar         | Options                                                                                                                                               |
| Power take-off                       |                                                                                                                                                       |
| Type                                 | Interchangeable / shiftable shaft                                                                                                                     |
| 540/1000/eco                         | Optional (*)                                                                                                                                          |
| Number of clutch discs               | 5                                                                                                                                                     |
| PTO brake                            | Hydraulics                                                                                                                                            |
| Proportional PTO                     | Options                                                                                                                                               |
| Front power take-off                 | Options                                                                                                                                               |

| Front axle                          |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| Model                               | DANA AG 105 (730/525_730/526)                                              |
| Type                                | Fixed                                                                      |
| Rotational direction                | Clockwise                                                                  |
| Clutch                              | Multidisc                                                                  |
| Factor K                            | 1.340 (GBA20)/1.363 (GBA25)                                                |
| Swivelling mudguard (4WD)           | Options                                                                    |
| 2WD                                 | Optional (standard track width/wide track width)                           |
| Front linkage (optional)            | 2.5 T                                                                      |
| Hydraulics                          |                                                                            |
| Open Centre 57 l/min                | Standard                                                                   |
| Open Centre 100 l/min               | Options                                                                    |
| Closed Centre 110 l/min             | Options                                                                    |
| Orbitrol steering                   | 125 cc                                                                     |
| Brake master cylinder               | Standard                                                                   |
| Braking assistance                  | Options                                                                    |
| Trailer brake                       | Optional (*)                                                               |
| Auxiliary spool valves              | 0 - 4 mechanical                                                           |
| Joystick                            | Mechanical                                                                 |
| Couplers                            | Decompression                                                              |
| Electronics                         |                                                                            |
| Transmission control                | AUTOTRONIC 5 (if Power Shuttle)<br>Without (if mechanical reverse shuttle) |
| Linkage controller                  | EHRB/AUTOTRONIC 5                                                          |
| Draft sensors                       | 1                                                                          |
| Sensor capacity                     | 4 T                                                                        |
| Datatronic                          | Without                                                                    |
| Fieldstar                           | Options                                                                    |
| Cab                                 |                                                                            |
| Rear-view mirrors                   | Standard / Telescopic (optional)                                           |
| Air conditioning                    | Manual (optional)                                                          |
| Windscreen                          | Standard / Opening (optional)                                              |
| Standard bonnet                     | Standard                                                                   |
| Sloping bonnet                      | No                                                                         |
| Standard roof                       | Standard                                                                   |
| High-visibility roof                | Options                                                                    |
| Slimline roof                       | No                                                                         |
| Platform                            | Options                                                                    |
| Reference (*): according to country |                                                                            |

# SPECIFICATIONS - General specifications

## Model 5465

| Engine                               |                                                                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 110                                                                                                                                                         |
| DIN power (Kw)                       | 82                                                                                                                                                          |
| Brand                                | PERKINS                                                                                                                                                     |
| Type                                 | 1106C-E60TA                                                                                                                                                 |
| Number of cylinders/displacement (l) | 6/6                                                                                                                                                         |
| Turbo                                | Yes                                                                                                                                                         |
| Intercooler                          | Air / air                                                                                                                                                   |
| Injection pump                       | Bosch VP30                                                                                                                                                  |
| Fan                                  | Viscstatic                                                                                                                                                  |
| Alternator                           | 80 A / 120 A                                                                                                                                                |
| Gearbox                              |                                                                                                                                                             |
| Gearbox model                        | GBA20/GBA25                                                                                                                                                 |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                           |
| Number of discs                      | 6 pads (mechanical reverse shuttle)<br>5 forward discs/4 reverse discs<br>(GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs<br>(GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                           |
| Creeper unit 4/1                     | Options                                                                                                                                                     |
| Creeper unit 14/1                    | Options                                                                                                                                                     |
| Rear axle                            |                                                                                                                                                             |
| Axle model                           | GPA20                                                                                                                                                       |
| Final drives                         | HD                                                                                                                                                          |
| Axle shaft Ø                         | 76 mm                                                                                                                                                       |
| Flanged shaft                        | Standard                                                                                                                                                    |
| Brake discs per trumpet housing      | 1                                                                                                                                                           |
| Hand brake discs                     | 3                                                                                                                                                           |
| Differential lock                    | Dog clutch                                                                                                                                                  |
| Linkage                              |                                                                                                                                                             |
| Stabilisers                          | Telescopic / without                                                                                                                                        |
| Multi-hole drawbar                   | Options                                                                                                                                                     |
| 3-point linkage                      | Cat. 2/3, hook or ball type (*)                                                                                                                             |
| Clevis hitch                         | Standard or assisted                                                                                                                                        |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                        |
| Semi-mounted trailer hitch           | Stud or auto-hitch (*)                                                                                                                                      |
| Swinging drawbar                     | Standard                                                                                                                                                    |
| Roller type swinging drawbar         | Options                                                                                                                                                     |
| Power take-off                       |                                                                                                                                                             |
| Type                                 | Interchangeable / shiftable shaft                                                                                                                           |
| 540/1000/eco                         | Optional (*)                                                                                                                                                |
| Number of clutch discs               | 5                                                                                                                                                           |
| PTO brake                            | Hydraulics                                                                                                                                                  |
| Proportional PTO                     | Options                                                                                                                                                     |
| Front power take-off                 | Options                                                                                                                                                     |

| Front axle                          |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| Model                               | CARRARO 20.19 ACP                                                          |
| Type                                | Fixed                                                                      |
| Rotational direction                | Clockwise                                                                  |
| Clutch                              | Multidisc                                                                  |
| Factor K                            | 1.337 (GBA20)/1.334 (GBA25)                                                |
| Swivelling mudguard (4WD)           | Options                                                                    |
| 2WD                                 | Optional (standard track width/wide track width)                           |
| Front linkage (optional)            | 2.5 T                                                                      |
| Hydraulics                          |                                                                            |
| Open Centre 57 l/min                | Standard                                                                   |
| Open Centre 100 l/min               | Options                                                                    |
| Orbitrol steering                   | 125 cc                                                                     |
| Brake master cylinder               | Standard                                                                   |
| Braking assistance                  | Options                                                                    |
| Trailer brake                       | Optional (*)                                                               |
| Auxiliary spool valves              | 0 - 4 mechanical                                                           |
| Joystick                            | Mechanical                                                                 |
| Couplers                            | Decompression                                                              |
| Electronics                         |                                                                            |
| Transmission control                | AUTOTRONIC 5 (if Power Shuttle)<br>Without (if mechanical reverse shuttle) |
| Linkage controller                  | EHRB/AUTOTRONIC 5                                                          |
| Draft sensors                       | 1                                                                          |
| Sensor capacity                     | 4 T                                                                        |
| Datatronic                          | Without                                                                    |
| Fieldstar                           | Options                                                                    |
| Cab                                 |                                                                            |
| Rear-view mirrors                   | Standard / Telescopic (optional)                                           |
| Air conditioning                    | Manual (optional)                                                          |
| Windscreen                          | Standard / Opening (optional)                                              |
| Standard bonnet                     | Standard                                                                   |
| Sloping bonnet                      | No                                                                         |
| Standard roof                       | Standard                                                                   |
| High-visibility roof                | Options                                                                    |
| Slimline roof                       | No                                                                         |
| Platform                            | No                                                                         |
| Reference (*): according to country |                                                                            |

# SPECIFICATIONS - General specifications

## Model 5470

| Engine                               |                                                       |
|--------------------------------------|-------------------------------------------------------|
| DIN power (hp)                       | 115                                                   |
| DIN power (Kw)                       | 86                                                    |
| Brand                                | SISU                                                  |
| Type                                 | 44ETA                                                 |
| Number of cylinders/displacement (l) | 4/4.4                                                 |
| Turbo                                | Yes                                                   |
| Intercooler                          | Air / air                                             |
| Injection pump                       | Lucas DP210                                           |
| Fan                                  | Viscostatic                                           |
| Alternator                           | 80 A / 120 A                                          |
| Gearbox                              |                                                       |
| Gearbox model                        | GBA25                                                 |
| Clutch/shuttle                       | Wet clutch / Power Shuttle                            |
| Number of discs                      | 6 forward discs/6 reverse discs (GBA25 Power Shuttle) |
| Type                                 | Dyna 4 (GBA25)                                        |
| Creeper unit 4/1                     | Options                                               |
| Creeper unit 14/1                    | Options                                               |
| Rear axle                            |                                                       |
| Axle model                           | GPA20                                                 |
| Final drives                         | ND                                                    |
| Axle shaft Ø                         | 76 mm                                                 |
| Flanged shaft                        | Standard                                              |
| Brake discs per trumpet housing      | 1                                                     |
| Hand brake discs                     | 3                                                     |
| Differential lock                    | Dog clutch                                            |
| Linkage                              |                                                       |
| Stabilisers                          | Telescopic / without                                  |
| Multi-hole drawbar                   | Options                                               |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                         |
| Clevis hitch                         | Standard or assisted                                  |
| Automatic clevis hitch               | Standard or assisted                                  |
| Semi-mounted trailer hitch           | Stud or auto-hitch (*)                                |
| Swinging drawbar                     | Standard                                              |
| Roller type swinging drawbar         | Options                                               |
| Power take-off                       |                                                       |
| Type                                 | Interchangeable / shiftable shaft                     |
| 540/1000/eco                         | Optional (*)                                          |
| Number of clutch discs               | 5                                                     |
| PTO brake                            | Hydraulics                                            |
| Proportional PTO                     | Options                                               |
| Front power take-off                 | Options                                               |

| Front axle                          |                                                  |
|-------------------------------------|--------------------------------------------------|
| Model                               | DANA AG 130 (735 / 524_735/602)                  |
| Type                                | Fixed/Suspended                                  |
| Rotational direction                | Clockwise                                        |
| Clutch                              | Multidisc                                        |
| Factor K                            | 1.344                                            |
| Swivelling mudguard (4WD)           | Options                                          |
| 2WD                                 | Optional (standard track width/wide track width) |
| Front linkage (optional)            | 2.5 T                                            |
| Hydraulics                          |                                                  |
| Open Centre 57 l/min                | Standard                                         |
| Open Centre 100 l/min               | Options                                          |
| Orbitrol steering                   | 160 cc                                           |
| Brake master cylinder               | Standard                                         |
| Braking assistance                  | Options                                          |
| Trailer brake                       | Optional (*)                                     |
| Auxiliary spool valves              | 0 - 4 mechanical                                 |
| Joystick                            | Mechanical                                       |
| Couplers                            | Decompression                                    |
| Electronics                         |                                                  |
| Transmission control                | AUTOTRONIC 5                                     |
| Linkage controller                  | AUTOTRONIC 5                                     |
| Draft sensors                       | 1                                                |
| Sensor capacity                     | 4 T                                              |
| Datatronic                          | Without                                          |
| Fieldstar                           | Options                                          |
| Cab                                 |                                                  |
| Rear-view mirrors                   | Standard / Telescopic (optional)                 |
| Air conditioning                    | Manual (optional)                                |
| Windscreen                          | Standard / Opening (optional)                    |
| Standard bonnet                     | Standard                                         |
| Sloping bonnet                      | No                                               |
| Standard roof                       | Standard                                         |
| High-visibility roof                | Options                                          |
| Slimline roof                       | No                                               |
| Platform                            | No                                               |
| Reference (*): according to country |                                                  |

# SPECIFICATIONS - General specifications

## Model 5460 SA

| Engine                               |                                                                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 113                                                                                                                                                         |
| DIN power (Kw)                       | 83.5                                                                                                                                                        |
| Brand                                | Perkins                                                                                                                                                     |
| Type                                 | 1104C-44TA                                                                                                                                                  |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                       |
| Turbo                                | Yes                                                                                                                                                         |
| Intercooler                          | Air / air                                                                                                                                                   |
| Injection pump                       | Lucas DP210                                                                                                                                                 |
| Fan                                  | Viscostatic                                                                                                                                                 |
| Alternator                           | 80 A / 120 A                                                                                                                                                |
| Gearbox                              |                                                                                                                                                             |
| Gearbox model                        | GBA20/GBA25                                                                                                                                                 |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                           |
| Number of discs                      | 6 pads (mechanical reverse shuttle)<br>4 forward discs/3 reverse discs<br>(GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs<br>(GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                           |
| Creeper unit 4/1                     | Options                                                                                                                                                     |
| Creeper unit 14/1                    | Options                                                                                                                                                     |
| Rear axle                            |                                                                                                                                                             |
| Axle model                           | GPA20                                                                                                                                                       |
| Final drives                         | ND                                                                                                                                                          |
| Axle shaft Ø                         | 76 mm                                                                                                                                                       |
| Flanged shaft                        | Standard                                                                                                                                                    |
| Brake discs per trumpet housing      | 1                                                                                                                                                           |
| Hand brake discs                     | 3                                                                                                                                                           |
| Differential lock                    | Dog clutch                                                                                                                                                  |
| Linkage                              |                                                                                                                                                             |
| Stabilisers                          | Telescopic / without                                                                                                                                        |
| Multi-hole drawbar                   | Options                                                                                                                                                     |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                               |
| Clevis hitch                         | Standard or assisted                                                                                                                                        |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                        |
| Semi-mounted trailer hitch           | Stud (*)                                                                                                                                                    |
| Swinging drawbar                     | Standard                                                                                                                                                    |
| Roller type swinging drawbar         | Options                                                                                                                                                     |
| Power take-off                       |                                                                                                                                                             |
| Type                                 | Interchangeable shaft                                                                                                                                       |
| 540/1000/eco                         | Optional (*)                                                                                                                                                |
| Number of clutch discs               | 5                                                                                                                                                           |
| PTO brake                            | Hydraulics                                                                                                                                                  |
| Front axle                           |                                                                                                                                                             |
| Model                                | DANA AG 105 (730/525_730/526)                                                                                                                               |

| Type                                | Fixed                            |
|-------------------------------------|----------------------------------|
| Rotational direction                | Clockwise                        |
| Clutch                              | Multidisc                        |
| Factor K                            | 1.369                            |
| Swivelling mudguard (4WD)           | Options                          |
| 2WD                                 | Options                          |
| Hydraulics                          |                                  |
| Open Centre 57 l/min                | Standard                         |
| Open Centre 100 l/min               | Options                          |
| Orbitrol steering                   | 160 cc                           |
| Brake master cylinder               | Standard                         |
| Braking assistance                  | Options                          |
| Trailer brake                       | Optional (*)                     |
| Auxiliary spool valves              | 0 - 4 mechanical                 |
| Couplers                            | Decompression                    |
| Electronics                         |                                  |
| Transmission control                | AUTOTRONIC 5                     |
| Linkage controller                  | AUTOTRONIC 5                     |
| Draft sensors                       | 1                                |
| Sensor capacity                     | 4 T                              |
| Datatronic                          | Without                          |
| Fieldstar                           | Options                          |
| Cab                                 |                                  |
| Rear-view mirrors                   | Standard / Telescopic (optional) |
| Air conditioning                    | Manual                           |
| Cab                                 | Orchard                          |
| Reference (*): according to country |                                  |



# SPECIFICATIONS - General specifications

## Model 5470 SA

| Engine                               |                                                                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 122                                                                                                                                                   |
| DIN power (Kw)                       | 90                                                                                                                                                    |
| Brand                                | SISU                                                                                                                                                  |
| Type                                 | 44DTA                                                                                                                                                 |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                 |
| Turbo                                | Yes                                                                                                                                                   |
| Intercooler                          | Air / air                                                                                                                                             |
| Injection pump                       | Bosch VE10                                                                                                                                            |
| Fan                                  | Viscostatic                                                                                                                                           |
| Alternator                           | 80 A / 120 A                                                                                                                                          |
| Gearbox                              |                                                                                                                                                       |
| Gearbox model                        | GBA20/GBA25                                                                                                                                           |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                     |
| Number of discs                      | 6 pads (mechanical reverse shuttle)<br>4 forward discs/3 reverse discs (GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs (GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                     |
| Creeper unit 4/1                     | Options                                                                                                                                               |
| Creeper unit 14/1                    | Options                                                                                                                                               |
| Rear axle                            |                                                                                                                                                       |
| Axle model                           | GPA20                                                                                                                                                 |
| Final drives                         | ND                                                                                                                                                    |
| Axle shaft Ø                         | 76 mm                                                                                                                                                 |
| Flanged shaft                        | Standard                                                                                                                                              |
| Brake discs per trumpet housing      | 1                                                                                                                                                     |
| Hand brake discs                     | 3                                                                                                                                                     |
| Differential lock                    | Dog clutch                                                                                                                                            |
| Linkage                              |                                                                                                                                                       |
| Stabilisers                          | Telescopic / without                                                                                                                                  |
| Multi-hole drawbar                   | Options                                                                                                                                               |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                         |
| Clevis hitch                         | Standard or assisted                                                                                                                                  |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                  |
| Semi-mounted trailer hitch           | Stud (*)                                                                                                                                              |
| Swinging drawbar                     | Standard                                                                                                                                              |
| Roller type swinging drawbar         | Options                                                                                                                                               |
| Power take-off                       |                                                                                                                                                       |
| Type                                 | Interchangeable shaft                                                                                                                                 |
| 540/1000/eco                         | Optional (*)                                                                                                                                          |
| Number of clutch discs               | 5                                                                                                                                                     |
| PTO brake                            | Hydraulics                                                                                                                                            |
| Front axle                           |                                                                                                                                                       |
| Model                                | DANA AG 130 (735/524)                                                                                                                                 |

| Type                                | Fixed                            |
|-------------------------------------|----------------------------------|
| Rotational direction                | Clockwise                        |
| Clutch                              | Multidisc                        |
| Factor K                            | 1.376                            |
| Swivelling mudguard (4WD)           | Options                          |
| 2WD                                 | Options                          |
| Hydraulics                          |                                  |
| Open Centre 57 l/min                | Standard                         |
| Open Centre 100 l/min               | Options                          |
| Orbitrol steering                   | 160 cc                           |
| Brake master cylinder               | Standard                         |
| Braking assistance                  | Options                          |
| Trailer brake                       | Optional (*)                     |
| Auxiliary spool valves              | 0 - 4 mechanical                 |
| Couplers                            | Decompression                    |
| Electronics                         |                                  |
| Transmission control                | AUTOTRONIC 5                     |
| Linkage controller                  | AUTOTRONIC 5                     |
| Draft sensors                       | 1                                |
| Sensor capacity                     | 4 T                              |
| Datatronic                          | Without                          |
| Fieldstar                           | Options                          |
| Cab                                 |                                  |
| Rear-view mirrors                   | Standard / Telescopic (optional) |
| Air conditioning                    | Manual                           |
| Cab                                 | Orchard                          |
| Reference (*): according to country |                                  |

# SPECIFICATIONS - General specifications

## Model 5475 SA

| Engine                               |                                                                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIN power (hp)                       | 133                                                                                                                                                         |
| DIN power (Kw)                       | 98                                                                                                                                                          |
| Brand                                | SISU                                                                                                                                                        |
| Type                                 | 44DTA                                                                                                                                                       |
| Number of cylinders/displacement (l) | 4/4.4                                                                                                                                                       |
| Turbo                                | Yes                                                                                                                                                         |
| Intercooler                          | Air / air                                                                                                                                                   |
| Injection pump                       | Bosch VE10                                                                                                                                                  |
| Fan                                  | Viscostatic                                                                                                                                                 |
| Alternator                           | 80 A / 120 A                                                                                                                                                |
| Gearbox                              |                                                                                                                                                             |
| Gearbox model                        | GBA20/GBA25                                                                                                                                                 |
| Clutch/shuttle                       | Dry clutch/mechanical reverse shuttle<br>Wet clutch/Power Shuttle                                                                                           |
| Number of discs                      | 6 pads (mechanical reverse shuttle)<br>4 forward discs/3 reverse discs<br>(GBA20 Power Shuttle)<br>6 forward discs/6 reverse discs<br>(GBA25 Power Shuttle) |
| Type                                 | Speedshift (GBA20)/Dyna 4 (GBA25)                                                                                                                           |
| Creeper unit 4/1                     | Options                                                                                                                                                     |
| Creeper unit 14/1                    | Options                                                                                                                                                     |
| Rear axle                            |                                                                                                                                                             |
| Axle model                           | GPA20                                                                                                                                                       |
| Final drives                         | ND                                                                                                                                                          |
| Axle shaft Ø                         | 76 mm                                                                                                                                                       |
| Flanged shaft                        | Standard                                                                                                                                                    |
| Brake discs per trumpet housing      | 1                                                                                                                                                           |
| Hand brake discs                     | 3                                                                                                                                                           |
| Differential lock                    | Dog clutch                                                                                                                                                  |
| Linkage                              |                                                                                                                                                             |
| Stabilisers                          | Telescopic / without                                                                                                                                        |
| Multi-hole drawbar                   | Options                                                                                                                                                     |
| 3-point linkage                      | Cat. 2, hook or ball type (*)                                                                                                                               |
| Clevis hitch                         | Standard or assisted                                                                                                                                        |
| Automatic clevis hitch               | Standard or assisted                                                                                                                                        |
| Semi-mounted trailer hitch           | Stud (*)                                                                                                                                                    |
| Swinging drawbar                     | Standard                                                                                                                                                    |
| Roller type swinging drawbar         | Options                                                                                                                                                     |
| Power take-off                       |                                                                                                                                                             |
| Type                                 | Interchangeable shaft                                                                                                                                       |
| 540/1000/eco                         | Optional (*)                                                                                                                                                |
| Number of clutch discs               | 5                                                                                                                                                           |
| PTO brake                            | Hydraulics                                                                                                                                                  |
| Front axle                           |                                                                                                                                                             |
| Model                                | DANA AG 130 (735/524)                                                                                                                                       |

| Type                                | Fixed                            |
|-------------------------------------|----------------------------------|
| Rotational direction                | Clockwise                        |
| Clutch                              | Multidisc                        |
| Factor K                            | 1.376                            |
| Swivelling mudguard (4WD)           | Options                          |
| 2WD                                 | Options                          |
| Hydraulics                          |                                  |
| Open Centre 57 l/min                | Standard                         |
| Open Centre 100 l/min               | Options                          |
| Orbitrol steering                   | 160 cc                           |
| Brake master cylinder               | Standard                         |
| Braking assistance                  | Options                          |
| Trailer brake                       | Optional (*)                     |
| Auxiliary spool valves              | 0 - 4 mechanical                 |
| Couplers                            | Decompression                    |
| Electronics                         |                                  |
| Transmission control                | AUTOTRONIC 5                     |
| Linkage controller                  | AUTOTRONIC 5                     |
| Draft sensors                       | 1                                |
| Sensor capacity                     | 4 T                              |
| Datatronic                          | Without                          |
| Fieldstar                           | Options                          |
| Cab                                 |                                  |
| Rear-view mirrors                   | Standard / Telescopic (optional) |
| Air conditioning                    | Manual                           |
| Cab                                 | Orchard                          |
| Reference (*): according to country |                                  |

### *1B11 - SPECIFICATIONS - Forward speeds*

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## **SPECIFICATIONS - Forward speeds**

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## SPECIFICATIONS - Forward speeds

### A . Speedshift models

#### 5425/5435 Speedshift models

Road speeds at 2200 rpm, 16.9R34 tyres

| DIRECTION                                     |   |   | FORWARD AND REVERSE POWER SHUTTLE<br>FORWARD MECHANICAL SHUTTLE |       |                |      |                 |      | REVERSE MECHANICAL SHUTTLE |       |                |      |                 |      |
|-----------------------------------------------|---|---|-----------------------------------------------------------------|-------|----------------|------|-----------------|------|----------------------------|-------|----------------|------|-----------------|------|
| RANGE                                         |   |   | Speedshift                                                      |       | Creeper<br>1/4 |      | Creeper<br>1/14 |      | Speedshift                 |       | Creeper<br>1/4 |      | Creeper<br>1/14 |      |
| Version<br>(kph)                              |   |   | 30                                                              | 40    | 30             | 40   | 30              | 40   | 30                         | 40    | 30             | 40   | 30              | 40   |
| L<br>O<br>W<br><br>S<br>P<br>E<br>E<br>D      | 1 | C | 1.96                                                            | 2.47  | 0.49           | 0.62 | 0.14            | 0.18 | 1.90                       | 2.40  | 0.47           | 0.60 | 0.14            | 0.17 |
|                                               |   | D | 2.47                                                            | 3.12  | 0.62           | 0.78 | 0.18            | 0.22 | 2.40                       | 3.03  | 0.60           | 0.76 | 0.17            | 0.22 |
|                                               | 2 | C | 2.95                                                            | 3.73  | 0.74           | 0.93 | 0.21            | 0.27 | 2.87                       | 3.62  | 0.72           | 0.91 | 0.21            | 0.26 |
|                                               |   | D | 3.73                                                            | 4.72  | 0.93           | 1.18 | 0.27            | 0.34 | 3.62                       | 4.58  | 0.91           | 1.14 | 0.26            | 0.33 |
|                                               | 3 | C | 4.09                                                            | 5.17  | 1.02           | 1.29 | 0.29            | 0.37 | 3.96                       | 5.01  | 0.99           | 1.25 | 0.28            | 0.36 |
|                                               |   | D | 5.17                                                            | 6.53  | 1.29           | 1.63 | 0.37            | 0.47 | 5.01                       | 6.33  | 1.25           | 1.58 | 0.36            | 0.45 |
|                                               | 4 | C | 5.92                                                            | 7.48  | 1.48           | 1.87 | 0.42            | 0.53 | 5.74                       | 7.26  | 1.44           | 1.81 | 0.41            | 0.52 |
|                                               |   | D | 7.48                                                            | 9.45  | 1.87           | 2.36 | 0.53            | 0.68 | 7.26                       | 9.17  | 1.81           | 2.29 | 0.52            | 0.66 |
| H<br>I<br>G<br>H<br><br>S<br>P<br>E<br>E<br>D | 1 | C | 7.84                                                            | 9.91  | -              | -    | -               | -    | 7.61                       | 9.61  | -              | -    | -               | -    |
|                                               |   | D | 9.91                                                            | 12.53 | -              | -    | -               | -    | 9.61                       | 12.15 | -              | -    | -               | -    |
|                                               | 2 | C | 11.85                                                           | 14.97 | -              | -    | -               | -    | 11.49                      | 14.52 | -              | -    | -               | -    |
|                                               |   | D | 14.97                                                           | 18.92 | -              | -    | -               | -    | 14.52                      | 18.36 | -              | -    | -               | -    |
|                                               | 3 | C | 16.39                                                           | 20.72 | -              | -    | -               | -    | 15.90                      | 20.10 | -              | -    | -               | -    |
|                                               |   | D | 20.72                                                           | 26.72 | -              | -    | -               | -    | 20.10                      | 25.40 | -              | -    | -               | -    |
|                                               | 4 | C | 23.73                                                           | 30.00 | -              | -    | -               | -    | 23.02                      | 29.10 | -              | -    | -               | -    |
|                                               |   | D | 30.00                                                           | 37.91 | -              | -    | -               | -    | 29.10                      | 36.77 | -              | -    | -               | -    |

## SPECIFICATIONS - Forward speeds

### 5445 Speedshift models

Road speeds at 2200 rpm, 16.9R38 tyres

| DIRECTION        |   |   | FORWARD AND REVERSE POWER SHUTTLE FORWARD MECHANICAL SHUTTLE |       |                 |      |                  |      | REVERSE MECHANICAL SHUTTLE |       |                 |      |                  |      |
|------------------|---|---|--------------------------------------------------------------|-------|-----------------|------|------------------|------|----------------------------|-------|-----------------|------|------------------|------|
| RANGE            |   |   | Speedshift                                                   |       | Creepers<br>1/4 |      | Creepers<br>1/14 |      | Speedshift                 |       | Creepers<br>1/4 |      | Creepers<br>1/14 |      |
| Version<br>(kph) |   |   | 30                                                           | 40    | 30              | 40   | 30               | 40   | 30                         | 40    | 30              | 40   | 30               | 40   |
| LOW<br>SPEED     | 1 | C | 2.08                                                         | 2.63  | 0.52            | 0.66 | 0.15             | 0.19 | 2.02                       | 2.55  | 0.51            | 0.64 | 0.14             | 0.18 |
|                  |   | D | 2.63                                                         | 3.33  | 0.66            | 0.83 | 0.19             | 0.24 | 2.55                       | 3.23  | 0.64            | 0.81 | 0.18             | 0.23 |
|                  | 2 | C | 3.15                                                         | 3.98  | 0.79            | 0.99 | 0.23             | 0.28 | 3.05                       | 3.86  | 0.76            | 0.96 | 0.22             | 0.28 |
|                  |   | D | 3.98                                                         | 5.03  | 0.99            | 1.26 | 0.28             | 0.36 | 3.86                       | 4.88  | 0.96            | 1.22 | 0.28             | 0.35 |
|                  | 3 | C | 4.66                                                         | 5.89  | 1.16            | 1.47 | 0.33             | 0.42 | 4.52                       | 5.71  | 1.13            | 1.43 | 0.32             | 0.41 |
|                  |   | D | 5.89                                                         | 7.44  | 1.47            | 1.86 | 0.42             | 0.53 | 5.71                       | 7.22  | 1.43            | 1.80 | 0.41             | 0.52 |
|                  | 4 | C | 6.30                                                         | 7.97  | 1.58            | 1.99 | 0.45             | 0.57 | 6.11                       | 7.73  | 1.53            | 1.93 | 0.44             | 0.55 |
|                  |   | D | 7.97                                                         | 10.07 | 1.99            | 2.52 | 0.56             | 0.71 | 7.73                       | 9.77  | 1.93            | 2.44 | 0.55             | 0.68 |
| HIGH<br>SPEED    | 1 | C | 7.81                                                         | 9.87  | -               | -    | -                | -    | 7.57                       | 9.57  | -               | -    | -                | -    |
|                  |   | D | 9.87                                                         | 12.47 | -               | -    | -                | -    | 9.57                       | 12.10 | -               | -    | -                | -    |
|                  | 2 | C | 11.79                                                        | 14.90 | -               | -    | -                | -    | 11.44                      | 14.46 | -               | -    | -                | -    |
|                  |   | D | 14.90                                                        | 18.84 | -               | -    | -                | -    | 14.46                      | 18.27 | -               | -    | -                | -    |
|                  | 3 | C | 17.46                                                        | 22.07 | -               | -    | -                | -    | 16.94                      | 21.40 | -               | -    | -                | -    |
|                  |   | D | 22.07                                                        | 27.89 | -               | -    | -                | -    | 21.40                      | 27.05 | -               | -    | -                | -    |
|                  | 4 | C | 23.63                                                        | 29.86 | -               | -    | -                | -    | 22.92                      | 28.96 | -               | -    | -                | -    |
|                  |   | D | 29.86                                                        | 37.74 | -               | -    | -                | -    | 28.96                      | 36.61 | -               | -    | -                | -    |

## SPECIFICATIONS - Forward speeds

### 5455/5460 Speedshift models

Road speeds at 2200 rpm, 18.4R38 tyres

| DIRECTION     |   |   | FORWARD AND REVERSE POWER SHUTTLE FORWARD MECHANICAL SHUTTLE |       |             |      |              |      | REVERSE MECHANICAL SHUTTLE |       |             |      |              |      |
|---------------|---|---|--------------------------------------------------------------|-------|-------------|------|--------------|------|----------------------------|-------|-------------|------|--------------|------|
| RANGE         |   |   | Speedshift                                                   |       | Creeper 1/4 |      | Creeper 1/14 |      | Speedshift                 |       | Creeper 1/4 |      | Creeper 1/14 |      |
| Version (kph) |   |   | 30                                                           | 40    | 30          | 40   | 30           | 40   | 30                         | 40    | 30          | 40   | 30           | 40   |
| LOW SPEED     | 1 | C | 2.18                                                         | 2.76  | 0.55        | 0.69 | 0.16         | 0.20 | 2.12                       | 2.68  | 0.53        | 0.67 | 0.15         | 0.19 |
|               |   | D | 2.76                                                         | 3.49  | 0.69        | 0.87 | 0.20         | 0.25 | 2.68                       | 3.38  | 0.67        | 0.85 | 0.19         | 0.24 |
|               | 2 | C | 3.30                                                         | 4.17  | 0.82        | 1.04 | 0.24         | 0.30 | 3.20                       | 4.04  | 0.80        | 1.01 | 0.23         | 0.29 |
|               |   | D | 4.17                                                         | 5.27  | 1.04        | 1.32 | 0.30         | 0.38 | 4.04                       | 5.11  | 1.01        | 1.28 | 0.29         | 0.37 |
|               | 3 | C | 4.88                                                         | 6.17  | 1.22        | 1.54 | 0.35         | 0.44 | 4.74                       | 5.98  | 1.18        | 1.50 | 0.34         | 0.43 |
|               |   | D | 6.17                                                         | 7.80  | 1.54        | 1.95 | 0.44         | 0.56 | 5.98                       | 7.56  | 1.50        | 1.89 | 0.43         | 0.54 |
|               | 4 | C | 6.61                                                         | 8.35  | 1.65        | 2.09 | 0.47         | 0.60 | 6.41                       | 8.10  | 1.60        | 2.02 | 0.46         | 0.58 |
|               |   | D | 8.35                                                         | 10.55 | 2.09        | 2.64 | 0.60         | 0.75 | 8.10                       | 10.24 | 2.02        | 2.56 | 0.58         | 0.73 |
| HIGH SPEED    | 1 | C | 8.18                                                         | 10.34 | -           | -    | -            | -    | 7.94                       | 10.03 | -           | -    | -            | -    |
|               |   | D | 10.34                                                        | 13.07 | -           | -    | -            | -    | 10.03                      | 12.68 | -           | -    | -            | -    |
|               | 2 | C | 12.36                                                        | 15.62 | -           | -    | -            | -    | 11.99                      | 15.15 | -           | -    | -            | -    |
|               |   | D | 15.62                                                        | 19.74 | -           | -    | -            | -    | 15.15                      | 19.15 | -           | -    | -            | -    |
|               | 3 | C | 18.30                                                        | 23.12 | -           | -    | -            | -    | 17.75                      | 22.43 | -           | -    | -            | -    |
|               |   | D | 23.12                                                        | 29.23 | -           | -    | -            | -    | 22.43                      | 28.35 | -           | -    | -            | -    |
|               | 4 | C | 24.76                                                        | 31.29 | -           | -    | -            | -    | 24.02                      | 30.35 | -           | -    | -            | -    |
|               |   | D | 31.29                                                        | 39.55 | -           | -    | -            | -    | 30.35                      | 38.36 | -           | -    | -            | -    |

## SPECIFICATIONS - Forward speeds

### 5465 Speedshift models

Road speeds at 2200 rpm, 18.4R38 tyres

| DIRECTION        |   |   | FORWARD AND REVERSE POWER SHUTTLE FORWARD MECHANICAL SHUTTLE |       |                 |      |                  |      | REVERSE MECHANICAL SHUTTLE |       |                 |      |                  |      |
|------------------|---|---|--------------------------------------------------------------|-------|-----------------|------|------------------|------|----------------------------|-------|-----------------|------|------------------|------|
| RANGE            |   |   | Speedshift                                                   |       | Creepers<br>1/4 |      | Creepers<br>1/14 |      | Speedshift                 |       | Creepers<br>1/4 |      | Creepers<br>1/14 |      |
| Version<br>(kph) |   |   | 30                                                           | 40    | 30              | 40   | 30               | 40   | 30                         | 40    | 30              | 40   | 30               | 40   |
| LOW<br>SPEED     | 1 | C | 2.18                                                         | 2.76  | 0.55            | 0.69 | 0.16             | 0.20 | 2.12                       | 2.68  | 0.53            | 0.67 | 0.15             | 0.19 |
|                  |   | D | 2.76                                                         | 3.49  | 0.69            | 0.87 | 0.20             | 0.25 | 2.68                       | 3.38  | 0.67            | 0.85 | 0.19             | 0.24 |
|                  | 2 | C | 3.30                                                         | 4.17  | 0.82            | 1.04 | 0.24             | 0.30 | 3.20                       | 4.04  | 0.80            | 1.01 | 0.23             | 0.29 |
|                  |   | D | 4.17                                                         | 5.27  | 1.04            | 1.32 | 0.30             | 0.38 | 4.04                       | 5.11  | 1.01            | 1.28 | 0.29             | 0.37 |
|                  | 3 | C | 4.88                                                         | 6.17  | 1.22            | 1.54 | 0.35             | 0.44 | 4.74                       | 5.98  | 1.18            | 1.50 | 0.34             | 0.43 |
|                  |   | D | 6.17                                                         | 7.80  | 1.54            | 1.95 | 0.44             | 0.56 | 5.98                       | 7.56  | 1.50            | 1.89 | 0.43             | 0.54 |
|                  | 4 | C | 6.61                                                         | 8.35  | 1.65            | 2.09 | 0.47             | 0.60 | 6.41                       | 8.10  | 1.60            | 2.02 | 0.46             | 0.58 |
|                  |   | D | 8.35                                                         | 10.55 | 2.09            | 2.64 | 0.60             | 0.75 | 8.10                       | 10.24 | 2.02            | 2.56 | 0.58             | 0.73 |
| HIGH<br>SPEED    | 1 | C | 8.18                                                         | 10.34 | -               | -    | -                | -    | 7.94                       | 10.03 | -               | -    | -                | -    |
|                  |   | D | 10.34                                                        | 13.07 | -               | -    | -                | -    | 10.03                      | 12.68 | -               | -    | -                | -    |
|                  | 2 | C | 12.36                                                        | 15.62 | -               | -    | -                | -    | 11.99                      | 15.15 | -               | -    | -                | -    |
|                  |   | D | 15.62                                                        | 19.74 | -               | -    | -                | -    | 15.15                      | 19.15 | -               | -    | -                | -    |
|                  | 3 | C | 18.30                                                        | 23.12 | -               | -    | -                | -    | 17.75                      | 22.43 | -               | -    | -                | -    |
|                  |   | D | 23.12                                                        | 29.23 | -               | -    | -                | -    | 22.43                      | 28.35 | -               | -    | -                | -    |
|                  | 4 | C | 24.76                                                        | 31.29 | -               | -    | -                | -    | 24.02                      | 30.35 | -               | -    | -                | -    |
|                  |   | D | 31.29                                                        | 39.55 | -               | -    | -                | -    | 30.35                      | 38.36 | -               | -    | -                | -    |



## SPECIFICATIONS - Forward speeds

### 5460 SA (Orchard) Speedshift models

Road speeds at 2200 rpm, 18.4R30 tyres

| DIRECTION     |   |   | FORWARD AND REVERSE POWER SHUTTLE<br>FORWARD MECHANICAL SHUTTLE |                |                 | REVERSE MECHANICAL SHUTTLE |                |                 |
|---------------|---|---|-----------------------------------------------------------------|----------------|-----------------|----------------------------|----------------|-----------------|
| RANGE         |   |   | Speedshift                                                      | Creeper<br>1/4 | Creeper<br>1/14 | Speedshift                 | Creeper<br>1/4 | Creeper<br>1/14 |
| LOW<br>SPEED  | 1 | C | 2.39                                                            | 0.60           | 0.17            | 2.32                       | 0.58           | 0.17            |
|               |   | D | 3.02                                                            | 0.76           | 0.22            | 2.93                       | 0.73           | 0.21            |
|               | 2 | C | 3.61                                                            | 0.90           | 0.26            | 3.50                       | 0.88           | 0.25            |
|               |   | D | 4.56                                                            | 1.14           | 0.33            | 4.42                       | 1.11           | 0.32            |
|               | 3 | C | 5.34                                                            | 1.34           | 0.38            | 5.18                       | 1.30           | 0.37            |
|               |   | D | 6.75                                                            | 1.69           | 0.48            | 6.55                       | 1.64           | 0.47            |
|               | 4 | C | 7.22                                                            | 1.81           | 0.52            | 7.00                       | 1.75           | 0.50            |
|               |   | D | 9.13                                                            | 2.28           | 0.65            | 8.92                       | 2.23           | 0.64            |
| HIGH<br>SPEED | 1 | C | 9.57                                                            | -              | -               | 9.28                       | -              | -               |
|               |   | D | 12.10                                                           | -              | -               | 11.74                      | -              | -               |
|               | 2 | C | 14.46                                                           | -              | -               | 14.03                      | -              | -               |
|               |   | D | 18.27                                                           | -              | -               | 17.72                      | -              | -               |
|               | 3 | C | 21.41                                                           | -              | -               | 20.77                      | -              | -               |
|               |   | D | 27.06                                                           | -              | -               | 26.25                      | -              | -               |
|               | 4 | C | 28.97                                                           | -              | -               | 28.10                      | -              | -               |
|               |   | D | 36.61                                                           | -              | -               | 35.51                      | -              | -               |

## SPECIFICATIONS - Forward speeds

### 5470/5475 SA (Orchard) Speedshift models

Road speeds at 2200 rpm, 18.4R30 tyres

| DIRECTION     |   |   | FORWARD AND REVERSE POWER SHUTTLE<br>FORWARD MECHANICAL SHUTTLE |                |                 | REVERSE MECHANICAL SHUTTLE |                |                 |
|---------------|---|---|-----------------------------------------------------------------|----------------|-----------------|----------------------------|----------------|-----------------|
| RANGE         |   |   | Speedshift                                                      | Creeper<br>1/4 | Creeper<br>1/14 | Speedshift                 | Creeper<br>1/4 | Creeper<br>1/14 |
| LOW<br>SPEED  | 1 | C | 2.22                                                            | 0.56           | 0.16            | 2.15                       | 0.54           | 0.15            |
|               |   | D | 2.80                                                            | 0.70           | 0.20            | 2.72                       | 0.68           | 0.19            |
|               | 2 | C | 3.35                                                            | 0.84           | 0.24            | 3.25                       | 0.81           | 0.23            |
|               |   | D | 4.23                                                            | 1.06           | 0.30            | 4.10                       | 1.03           | 0.29            |
|               | 3 | C | 4.63                                                            | 1.16           | 0.33            | 4.49                       | 1.12           | 0.32            |
|               |   | D | 5.86                                                            | 1.47           | 0.42            | 5.68                       | 1.42           | 0.41            |
|               | 4 | C | 6.71                                                            | 1.68           | 0.48            | 6.51                       | 1.63           | 0.47            |
|               |   | D | 8.48                                                            | 2.12           | 0.61            | 8.23                       | 2.06           | 0.59            |
| HIGH<br>SPEED | 1 | C | 8.89                                                            | -              | -               | 8.62                       | -              | -               |
|               |   | D | 11.23                                                           | -              | -               | 10.89                      | -              | -               |
|               | 2 | C | 13.43                                                           | -              | -               | 13.03                      | -              | -               |
|               |   | D | 16.97                                                           | -              | -               | 16.46                      | -              | -               |
|               | 3 | C | 18.58                                                           | -              | -               | 18.02                      | -              | -               |
|               |   | D | 23.48                                                           | -              | -               | 22.78                      | -              | -               |
|               | 4 | C | 26.90                                                           | -              | -               | 26.09                      | -              | -               |
|               |   | D | 34.00                                                           | -              | -               | 32.98                      | -              | -               |

## SPECIFICATIONS - Forward speeds

### B . Dyna 4 models

#### 5425/5435/5445/5455/5460 Dyna 4 models

Road speeds at 2200 rpm, 18.4R34 tyres

| DIRECTION |   | FORWARD AND REVERSE |                |                 |
|-----------|---|---------------------|----------------|-----------------|
| RANGE     |   | Dyna 4              | Creeper<br>1/4 | Creeper<br>1/14 |
| 1         | A | 1.99                | 0.50           | 0.14            |
|           | B | 2.44                | 0.61           | 0.17            |
|           | C | 2.98                | 0.74           | 0.21            |
|           | D | 3.67                | 0.92           | 0.26            |
| 2         | A | 4.71                | 1.18           | 0.33            |
|           | B | 5.80                | 1.45           | 0.41            |
|           | C | 7.07                | 1.77           | 0.50            |
|           | D | 8.70                | 2.17           | 0.62            |
| 3         | A | 9.57                |                | 0.68            |
|           | B | 11.77               |                | 0.84            |
|           | C | 14.36               |                | 1.02            |
|           | D | 17.66               |                | 1.25            |
| 4         | A | 22.08               |                | 1.57            |
|           | B | 27.16               |                | 1.93            |
|           | C | 33.12               |                | 2.35            |
|           | D | 40.73               |                | 2.89            |

**NOTE:**

- 1/4 creeper gears cannot be engaged with ranges 3 and 4.
- Maximum speed is limited by the electronic transmission control.

## SPECIFICATIONS - Forward speeds

### 5465/5470 Dyna 4 models

Road speeds at 2200 rpm, 18.4R34 tyres

| DIRECTION |   | FORWARD AND REVERSE |             |              |
|-----------|---|---------------------|-------------|--------------|
| RANGE     |   | Dyna 4              | Creeper 1/4 | Creeper 1/14 |
| 1         | A | 1.96                | 0.49        | 0.14         |
|           | B | 2.42                | 0.60        | 0.17         |
|           | C | 2.95                | 0.74        | 0.21         |
|           | D | 3.62                | 0.91        | 0.26         |
| 2         | A | 4.66                | 1.16        | 0.33         |
|           | B | 5.73                | 1.43        | 0.41         |
|           | C | 6.99                | 1.75        | 0.50         |
|           | D | 8.60                | 2.15        | 0.61         |
| 3         | A | 9.46                | -           | 0.67         |
|           | B | 11.64               | -           | 0.83         |
|           | C | 14.19               | -           | 1.01         |
|           | D | 17.46               | -           | 1.24         |
| 4         | A | 21.82               | -           | 1.55         |
|           | B | 26.84               | -           | 1.90         |
|           | C | 32.74               | -           | 2.32         |
|           | D | 40.27               | -           | 2.86         |

**NOTE:**

- 1/4 creeper gears cannot be engaged with ranges 3 and 4.
- Maximum speed is limited by the electronic transmission control.

## SPECIFICATIONS - Forward speeds

### 5460 SA (Orchard) Dyna 4 models

Road speeds at 2200 rpm, 18.4R30 tyres

| DIRECTION |   | FORWARD AND REVERSE |             |              |
|-----------|---|---------------------|-------------|--------------|
| RANGE     |   | Dyna 4              | Creeper 1/4 | Creeper 1/14 |
| 1         | A | 2.05                | 0.51        | 0.15         |
|           | B | 2.52                | 0.63        | 0.18         |
|           | C | 3.07                | 0.77        | 0.22         |
|           | D | 3.78                | 0.95        | 0.27         |
| 2         | A | 4.86                | 1.22        | 0.35         |
|           | B | 5.98                | 1.49        | 0.43         |
|           | C | 7.29                | 1.82        | 0.52         |
|           | D | 8.97                | 2.24        | 0.64         |
| 3         | A | 9.87                | -           | 0.71         |
|           | B | 12.14               | -           | 0.87         |
|           | C | 14.81               | -           | 1.06         |
|           | D | 18.22               | -           | 1.30         |
| 4         | A | 21.11               | -           | 1.51         |
|           | B | 25.97               | -           | 1.86         |
|           | C | 31.67               | -           | 2.26         |
|           | D | 38.96               | -           | 2.78         |

**NOTE:**

- 1/4 creeper gears cannot be engaged with ranges 3 and 4.
- Maximum speed is limited by the electronic transmission control.

## SPECIFICATIONS - Forward speeds

### 5470/5475 SA (Orchard) Dyna 4 models

Road speeds at 2200 rpm, 18.4R30 tyres

| DIRECTION |   | FORWARD AND REVERSE |             |              |
|-----------|---|---------------------|-------------|--------------|
| RANGE     |   | Dyna 4              | Creeper 1/4 | Creeper 1/14 |
| 1         | A | 1.90                | 0.48        | 0.14         |
|           | B | 2.34                | 0.59        | 0.17         |
|           | C | 2.85                | 0.71        | 0.20         |
|           | D | 3.51                | 0.88        | 0.25         |
| 2         | A | 4.51                | 1.13        | 0.32         |
|           | B | 5.55                | 1.39        | 0.40         |
|           | C | 6.77                | 1.69        | 0.48         |
|           | D | 8.33                | 2.08        | 0.59         |
| 3         | A | 9.17                | -           | 0.65         |
|           | B | 11.28               | -           | 0.81         |
|           | C | 13.75               | -           | 0.98         |
|           | D | 16.91               | -           | 1.21         |
| 4         | A | 21.15               | -           | 1.51         |
|           | B | 26.01               | -           | 1.86         |
|           | C | 31.72               | -           | 2.27         |
|           | D | 39.01               | -           | 2.79         |

**NOTE:**

- 1/4 creeper gears cannot be engaged with ranges 3 and 4.
- Maximum speed is limited by the electronic transmission control.

## *1B12- SPECIFICATIONS - Dimensions*

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## **SPECIFICATIONS - Dimensions**

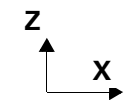
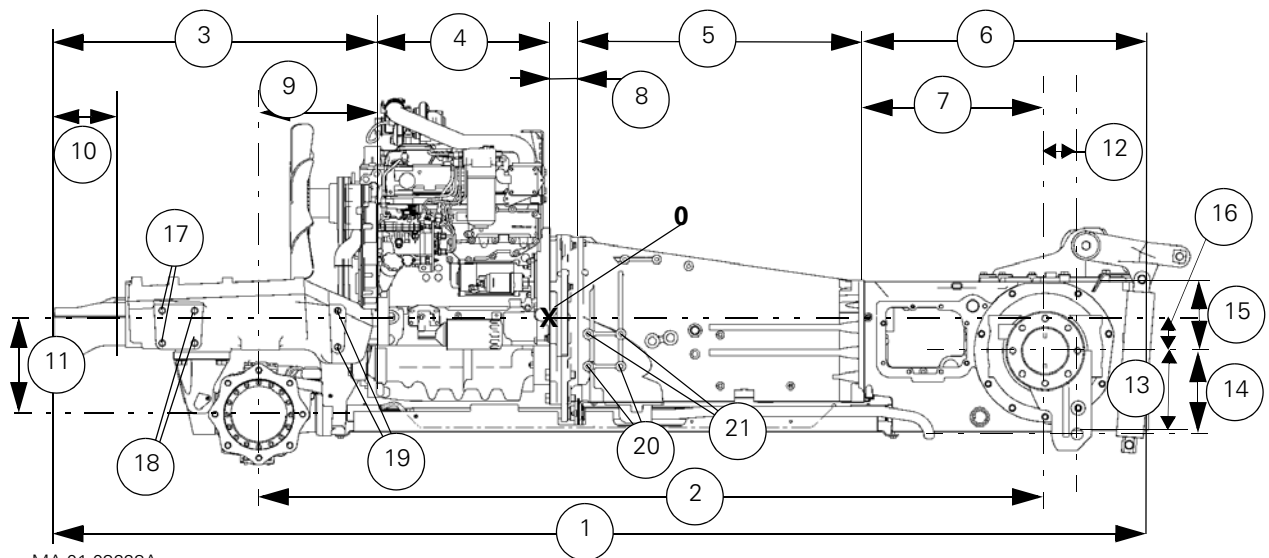
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## SPECIFICATIONS - Dimensions

### A . General dimensions and attachment points for Speedshift models

5425, 5435, 5445 and 5455 Speedshift

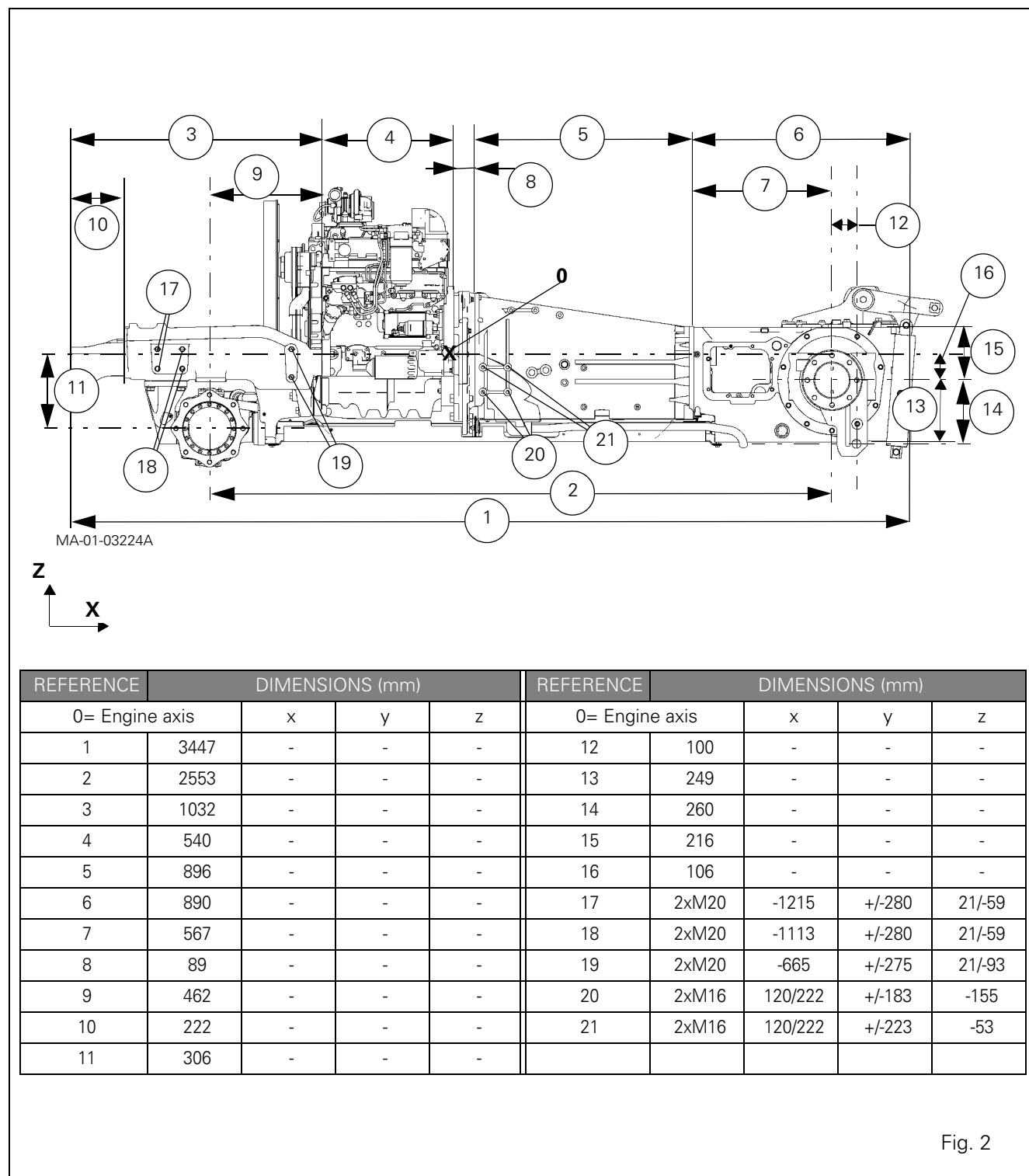


| REFERENCE |                | DIMENSIONS (mm) |   |   | REFERENCE |                | DIMENSIONS (mm) |        |        |
|-----------|----------------|-----------------|---|---|-----------|----------------|-----------------|--------|--------|
|           | 0= Engine axis | x               | y | z |           | 0= Engine axis | x               | y      | z      |
| 1         | 3427           | -               | - | - | 12        | 100            | -               | -      | -      |
| 2         | 2464           | -               | - | - | 13        | 249            | -               | -      | -      |
| 3         | 1012           | -               | - | - | 14        | 260            | -               | -      | -      |
| 4         | 540            | -               | - | - | 15        | 216            | -               | -      | -      |
| 5         | 896            | -               | - | - | 16        | 106            | -               | -      | -      |
| 6         | 890            | -               | - | - | 17        | 2xM20          | -1215           | +/-280 | 20/-82 |
| 7         | 567            | -               | - | - | 18        | 2xM20          | -1113           | +/-280 | 20/-82 |
| 8         | 89             | -               | - | - | 19        | 2xM20          | -665            | +/-275 | 20/-94 |
| 9         | 372            | -               | - | - | 20        | 2xM16          | 120/222         | +/-183 | -155   |
| 10        | 222            | -               | - | - | 21        | 2xM16          | 120/222         | +/-223 | -53    |
| 11        | 306            | -               | - | - | -         | -              | -               | -      | -      |

Fig. 1

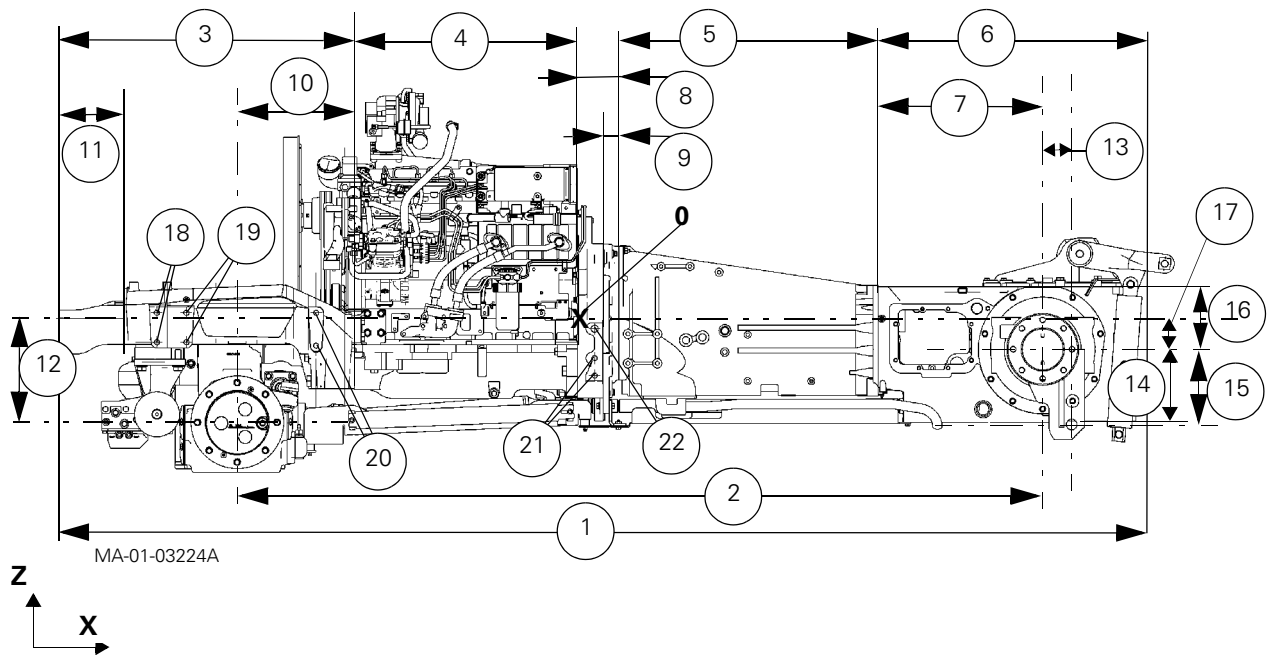
## SPECIFICATIONS - Dimensions

### 5460 Speedshift



# SPECIFICATIONS - Dimensions

## 5465 Speedshift

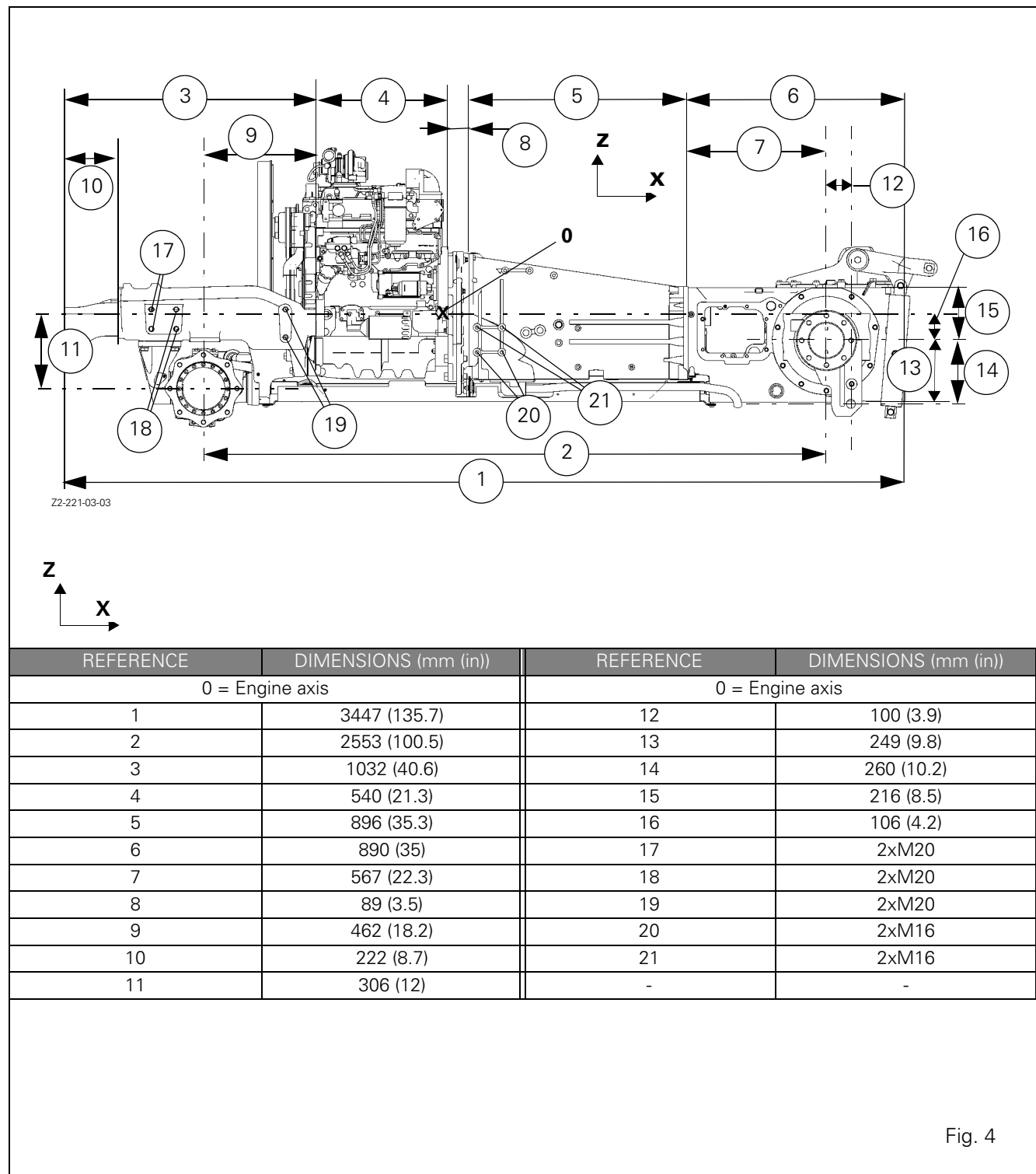


| REFERENCE      | DIMENSIONS (mm) |   |   |   | REFERENCE      | DIMENSIONS (mm) |       |        |               |
|----------------|-----------------|---|---|---|----------------|-----------------|-------|--------|---------------|
| 0= Engine axis | x               | y | z |   | 0= Engine axis | x               | y     | z      |               |
| 1              | 3717            | - | - | - | 12             | 361             | -     | -      | -             |
| 2              | 2780            | - | - | - | 13             | 100             | -     | -      | -             |
| 3              | 1018            | - | - | - | 14             | 249             | -     | -      | -             |
| 4              | 772             | - | - | - | 15             | 260             | -     | -      | -             |
| 5              | 896             | - | - | - | 16             | 216             | -     | -      | -             |
| 6              | 890             | - | - | - | 17             | 106             | -     | -      | -             |
| 7              | 567             | - | - | - | 18             | 2xM20           | -1452 | +/-280 | 20/-82        |
| 8              | 89              | - | - | - | 19             | 2xM20           | -1351 | +/-280 | 20/-82        |
| 9              | 53              | - | - | - | 20             | 2xM20           | -903  | +/-275 | 20/-94        |
| 10             | 404             | - | - | - | 21             | 2xM20           | 59    | +/-274 | -137/-19<br>7 |
| 11             | 222             | - | - | - | 22             | M20             | 59    | +/-274 | -35           |

Fig. 3

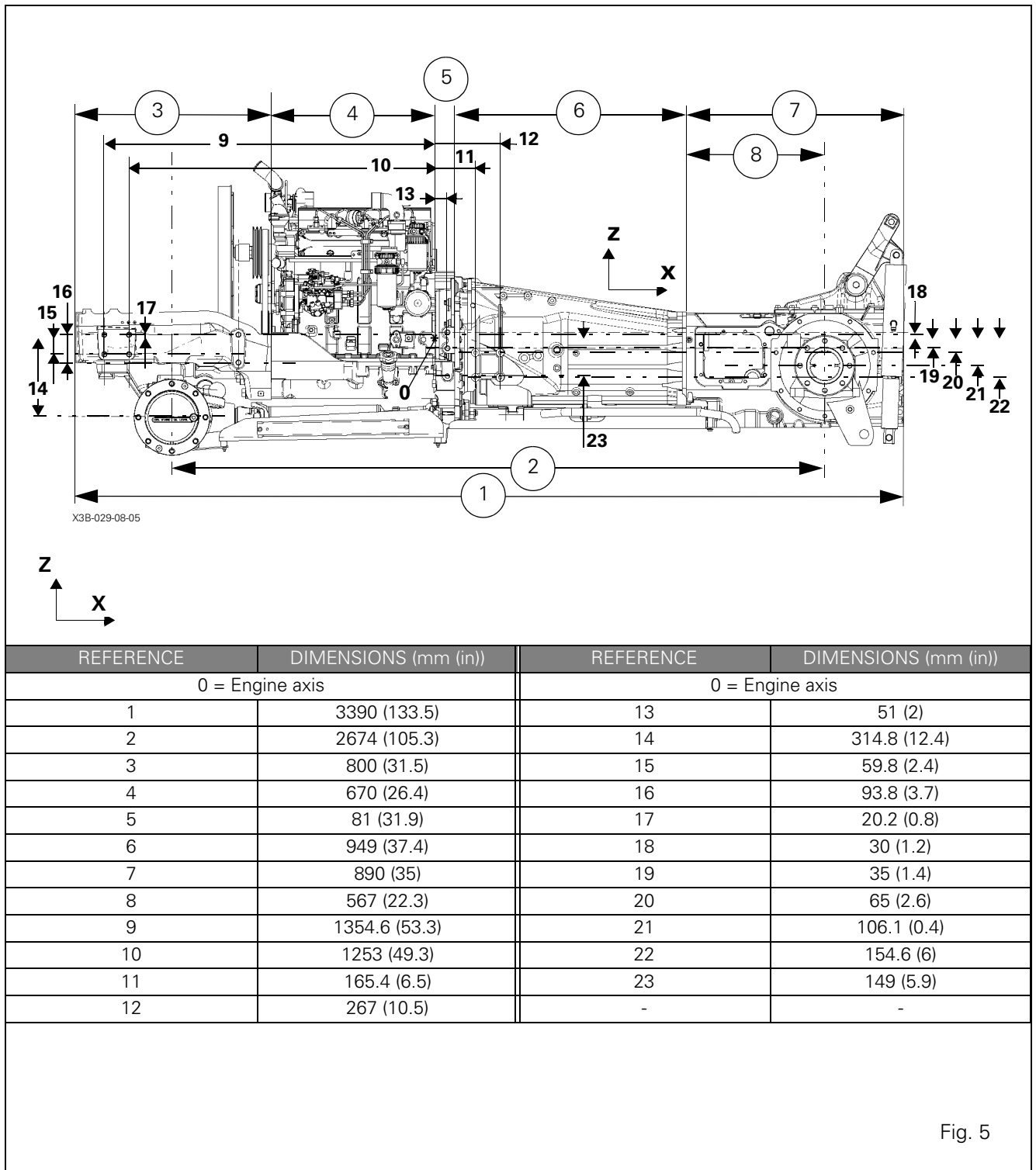
## SPECIFICATIONS - Dimensions

### 5460 SA Speedshift (Orchard)



## SPECIFICATIONS - Dimensions

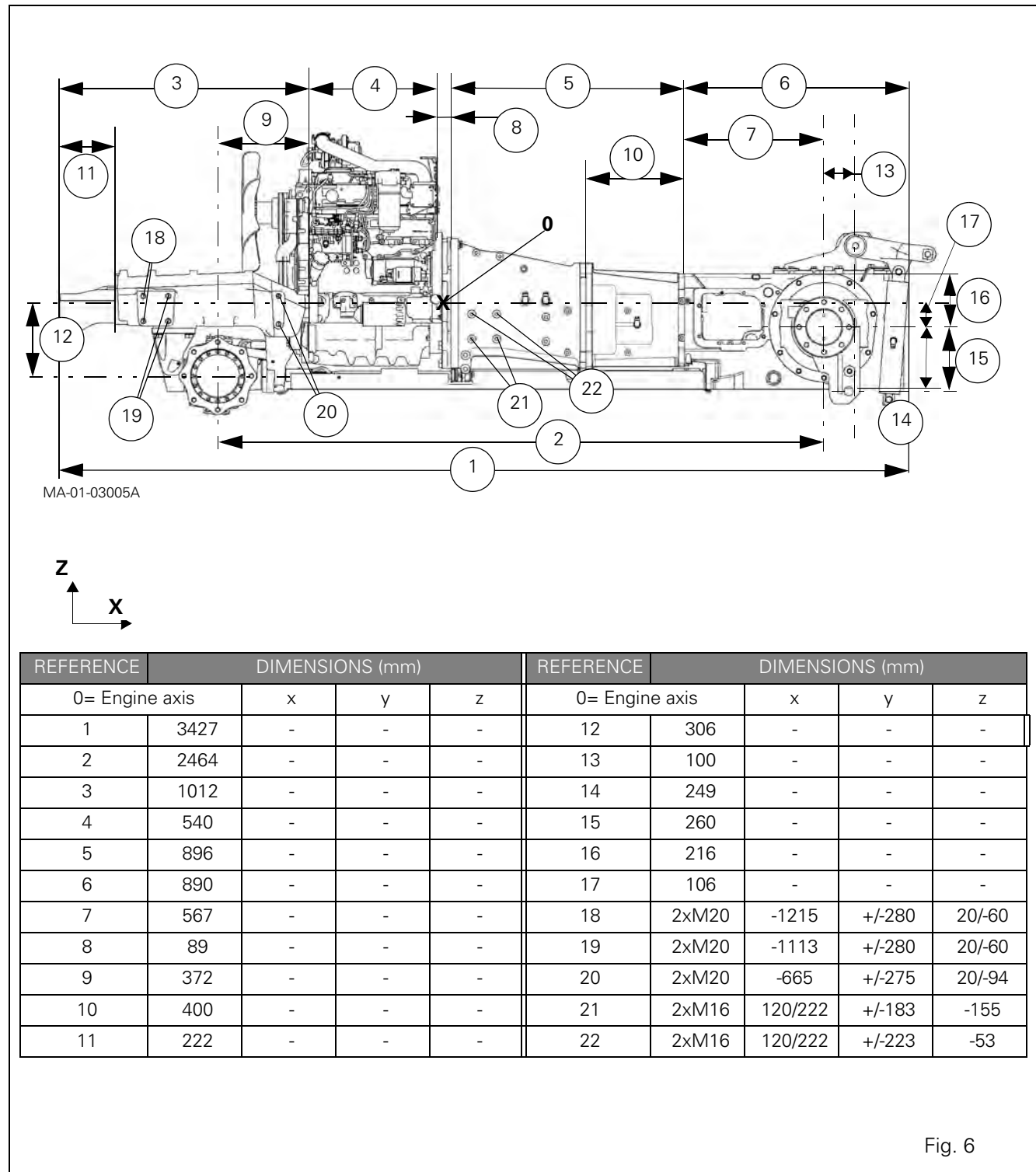
### 5470/5475 SA Speedshift (Orchard)



## SPECIFICATIONS - Dimensions

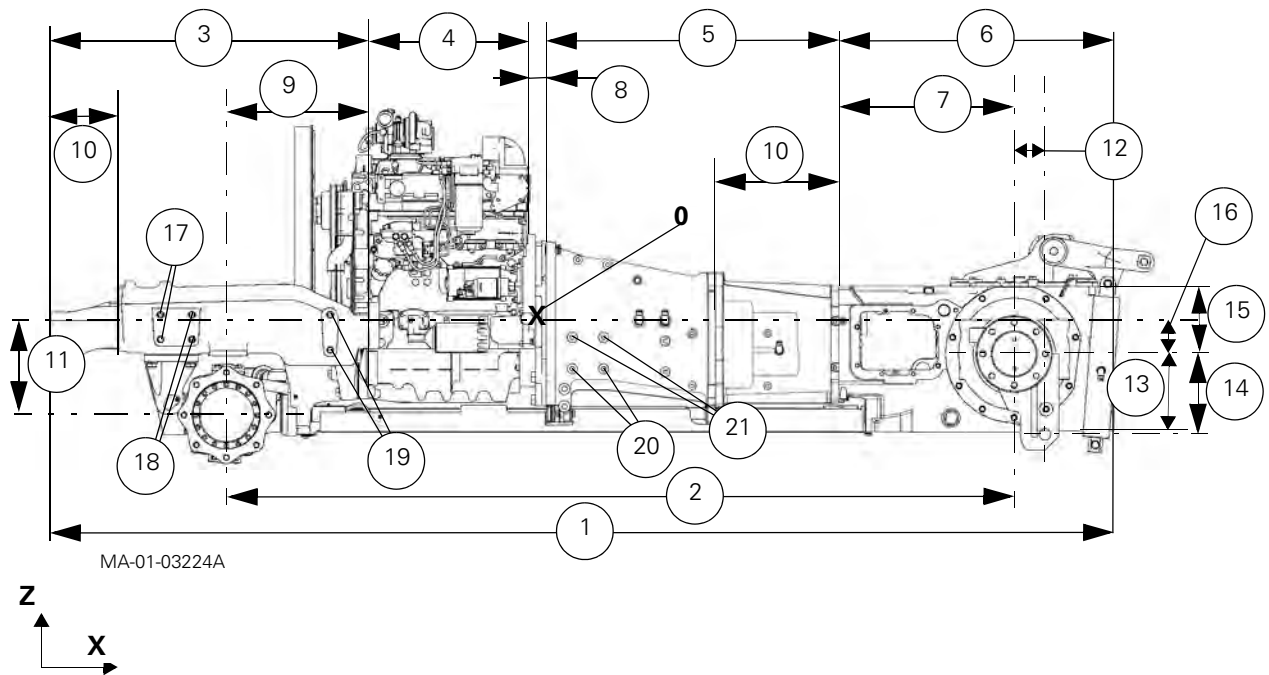
### B . General dimensions and attachment points for Dyna 4 models

5425, 5435, 5445 and 5455 Dyna 4



# SPECIFICATIONS - Dimensions

## 5460 Dyna 4

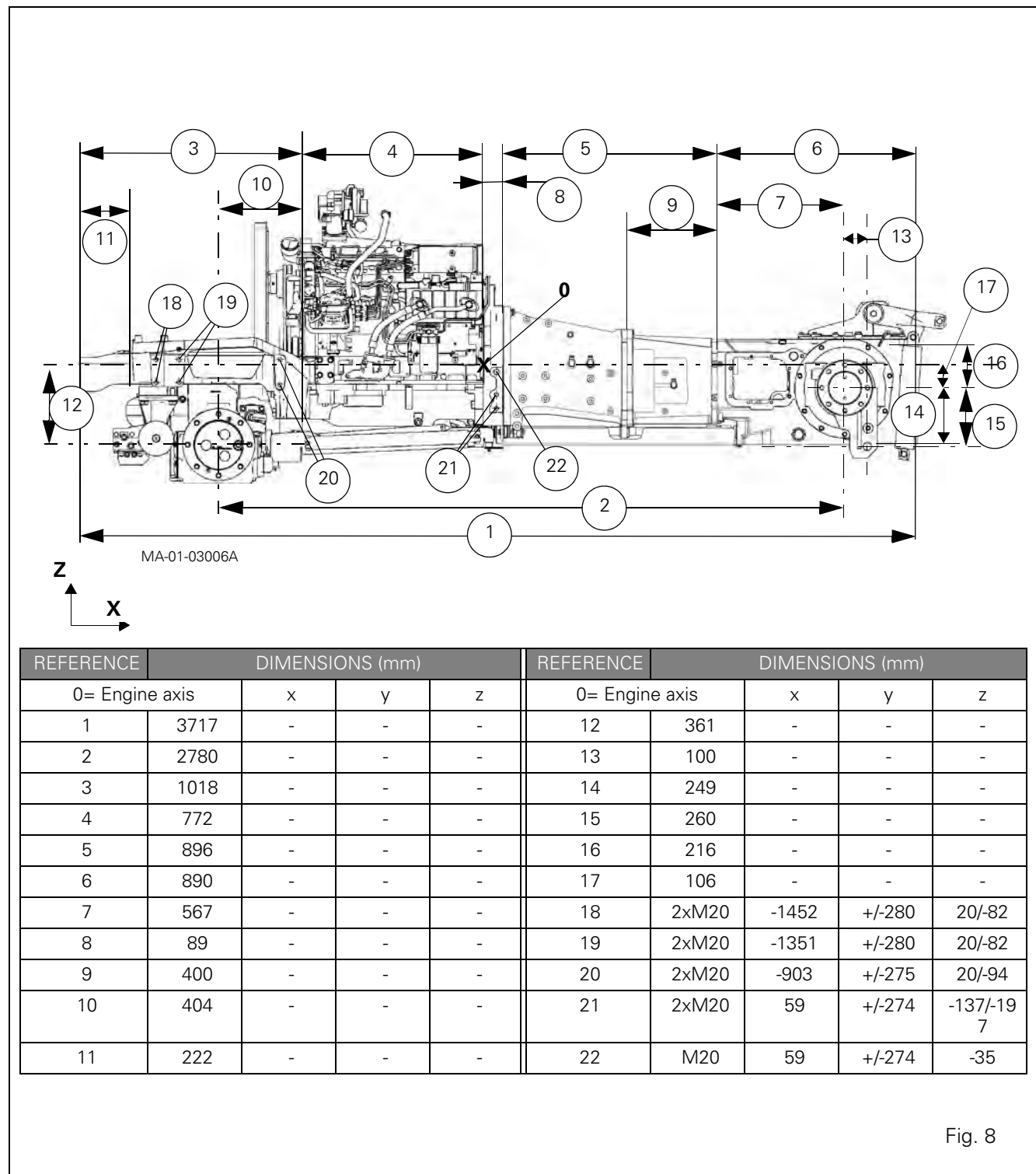


| REFERENCE      | DIMENSIONS (mm) |   |   |   | REFERENCE      | DIMENSIONS (mm) |         |        |        |
|----------------|-----------------|---|---|---|----------------|-----------------|---------|--------|--------|
| 0= Engine axis | x               | y | z |   | 0= Engine axis | x               | y       | z      |        |
| 1              | 3447            | - | - | - | 12             | 306             | -       | -      | -      |
| 2              | 2553            | - | - | - | 13             | 100             | -       | -      | -      |
| 3              | 1032            | - | - | - | 14             | 249             | -       | -      | -      |
| 4              | 540             | - | - | - | 15             | 260             | -       | -      | -      |
| 5              | 896             | - | - | - | 16             | 216             | -       | -      | -      |
| 6              | 890             | - | - | - | 17             | 106             | -       | -      | -      |
| 7              | 567             | - | - | - | 18             | 2xM20           | -1215   | +/-280 | 21/-59 |
| 8              | 89              | - | - | - | 19             | 2xM20           | -1113   | +/-280 | 21/-59 |
| 9              | 462             | - | - | - | 20             | 2xM20           | -665    | +/-275 | 21/-93 |
| 10             | 400             | - | - | - | 21             | 2xM16           | 120/222 | +/-183 | -155   |
| 11             | 222             | - | - | - | 22             | 2xM16           | 120/222 | +/-223 | -53    |

Fig. 7

## SPECIFICATIONS - Dimensions

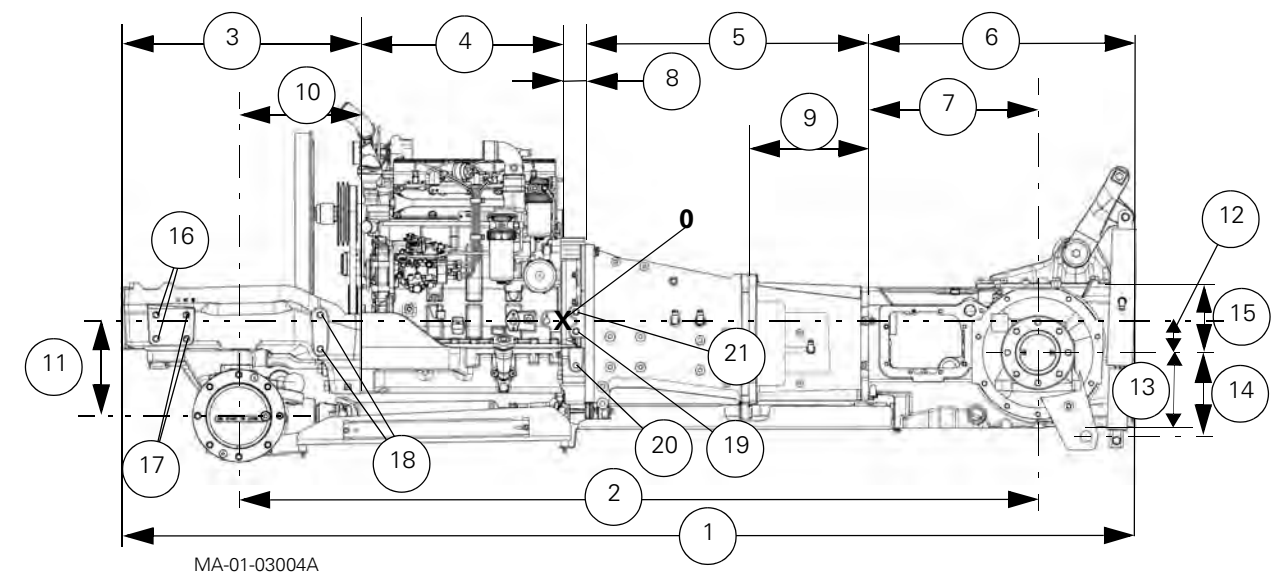
5465 Dyna 4





# SPECIFICATIONS - Dimensions

## 5470 Dyna 4

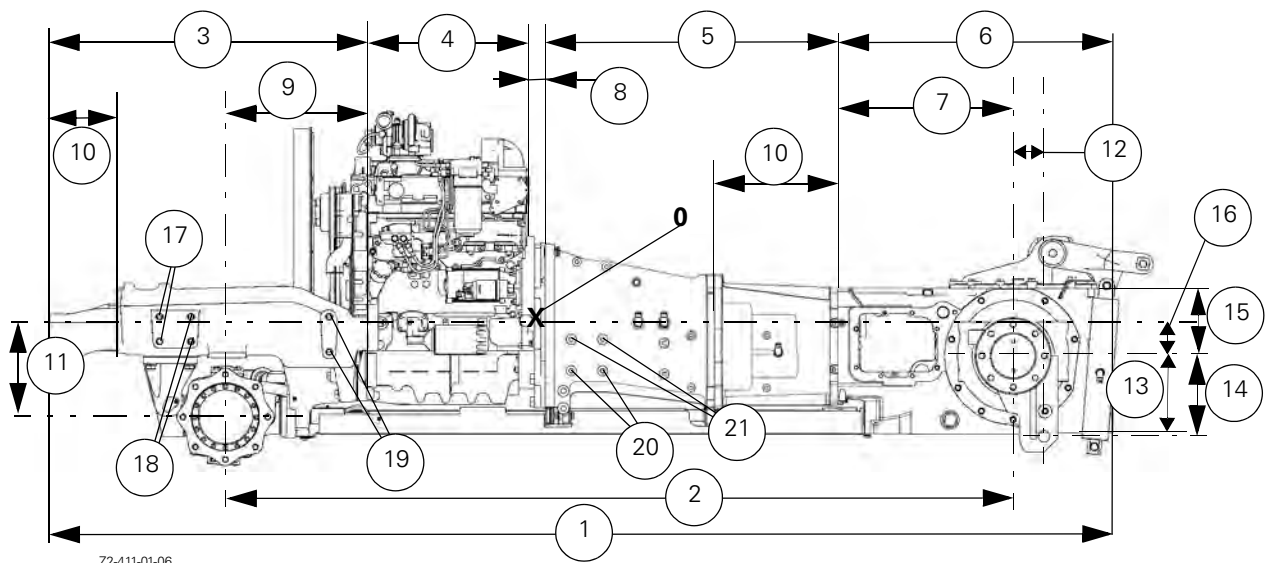


| REFERENCE      | DIMENSIONS (mm) |   |   |   | REFERENCE      | DIMENSIONS (mm) |       |        |        |
|----------------|-----------------|---|---|---|----------------|-----------------|-------|--------|--------|
| 0= Engine axis | x               | y | z |   | 0= Engine axis | x               | y     | z      |        |
| 1              | 3390            | - | - | - | 12             | 106             | -     | -      | -      |
| 2              | 2675            | - | - | - | 13             | 249             | -     | -      | -      |
| 3              | 800             | - | - | - | 14             | 260             | -     | -      | -      |
| 4              | 670             | - | - | - | 15             | 216             | -     | -      | -      |
| 5              | 949             | - | - | - | 16             | 2xM20           | -1354 | +/-280 | 20/-60 |
| 6              | 890             | - | - | - | 17             | 2xM20           | -1253 | +/-280 | 20/-60 |
| 7              | 567             | - | - | - | 18             | 2xM20           | -805  | +/-275 | 20/-94 |
| 8              | 81              | - | - | - | 19             | M20             | -51   | +/-274 | -35    |
| 9              | 400             | - | - | - | 20             | M20             | -51   | +/-274 | -149   |
| 10             | 408             | - | - | - | 21             | M20             | -51   | +/-274 | 30     |
| 11             | 314.8           | - | - | - |                |                 |       |        |        |

Fig. 9

## SPECIFICATIONS - Dimensions

### 5460 SA Dyna 4 (Orchard)

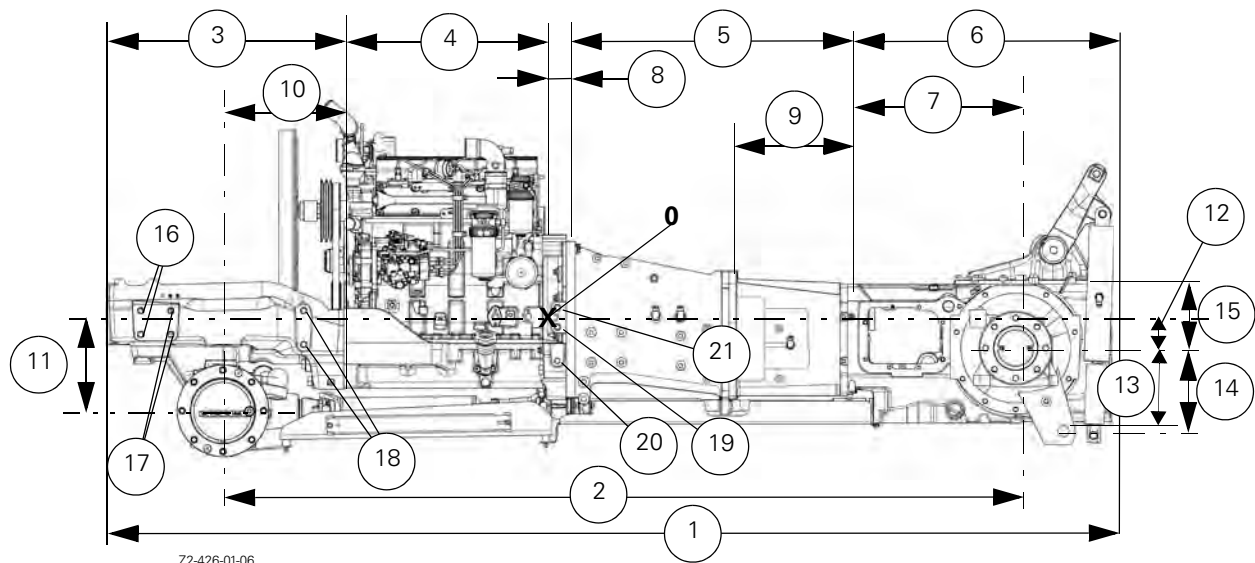


| REFERENCE      | DIMENSIONS (mm) |   |   |   | REFERENCE      | DIMENSIONS (mm) |         |        |        |
|----------------|-----------------|---|---|---|----------------|-----------------|---------|--------|--------|
| 0= Engine axis | x               | y | z |   | 0= Engine axis | x               | y       | z      |        |
| 1              | 3447            | - | - | - | 12             | 306             | -       | -      | -      |
| 2              | 2553            | - | - | - | 13             | 100             | -       | -      | -      |
| 3              | 1032            | - | - | - | 14             | 249             | -       | -      | -      |
| 4              | 540             | - | - | - | 15             | 260             | -       | -      | -      |
| 5              | 896             | - | - | - | 16             | 216             | -       | -      | -      |
| 6              | 890             | - | - | - | 17             | 106             | -       | -      | -      |
| 7              | 567             | - | - | - | 18             | 2xM20           | -1215   | +/-280 | 21/-59 |
| 8              | 89              | - | - | - | 19             | 2xM20           | -1113   | +/-280 | 21/-59 |
| 9              | 462             | - | - | - | 20             | 2xM20           | -665    | +/-275 | 21/-93 |
| 10             | 400             | - | - | - | 21             | 2xM16           | 120/222 | +/-183 | -155   |
| 11             | 222             | - | - | - | 22             | 2xM16           | 120/222 | +/-223 | -53    |

Fig

## SPECIFICATIONS - Dimensions

### 5470/5475 SA Dyna 4 (Orchard)



| REFERENCE      | DIMENSIONS (mm) |   |   |   | REFERENCE      | DIMENSIONS (mm) |       |        |        |
|----------------|-----------------|---|---|---|----------------|-----------------|-------|--------|--------|
| 0= Engine axis | x               | y | z |   | 0= Engine axis | x               | y     | z      |        |
| 1              | 3390            | - | - | - | 12             | 106             | -     | -      | -      |
| 2              | 2675            | - | - | - | 13             | 249             | -     | -      | -      |
| 3              | 800             | - | - | - | 14             | 260             | -     | -      | -      |
| 4              | 670             | - | - | - | 15             | 216             | -     | -      | -      |
| 5              | 949             | - | - | - | 16             | 2xM20           | -1354 | +/-280 | 20/-60 |
| 6              | 890             | - | - | - | 17             | 2xM20           | -1253 | +/-280 | 20/-60 |
| 7              | 567             | - | - | - | 18             | 2xM20           | -805  | +/-275 | 20/-94 |
| 8              | 81              | - | - | - | 19             | M20             | -51   | +/-274 | -35    |
| 9              | 400             | - | - | - | 20             | M20             | -51   | +/-274 | -149   |
| 10             | 408             | - | - | - | 21             | M20             | -51   | +/-274 | 30     |
| 11             | 314.8           | - | - | - |                |                 |       |        |        |

Fig

## SPECIFICATIONS - Dimensions

### C . Adjusting track widths

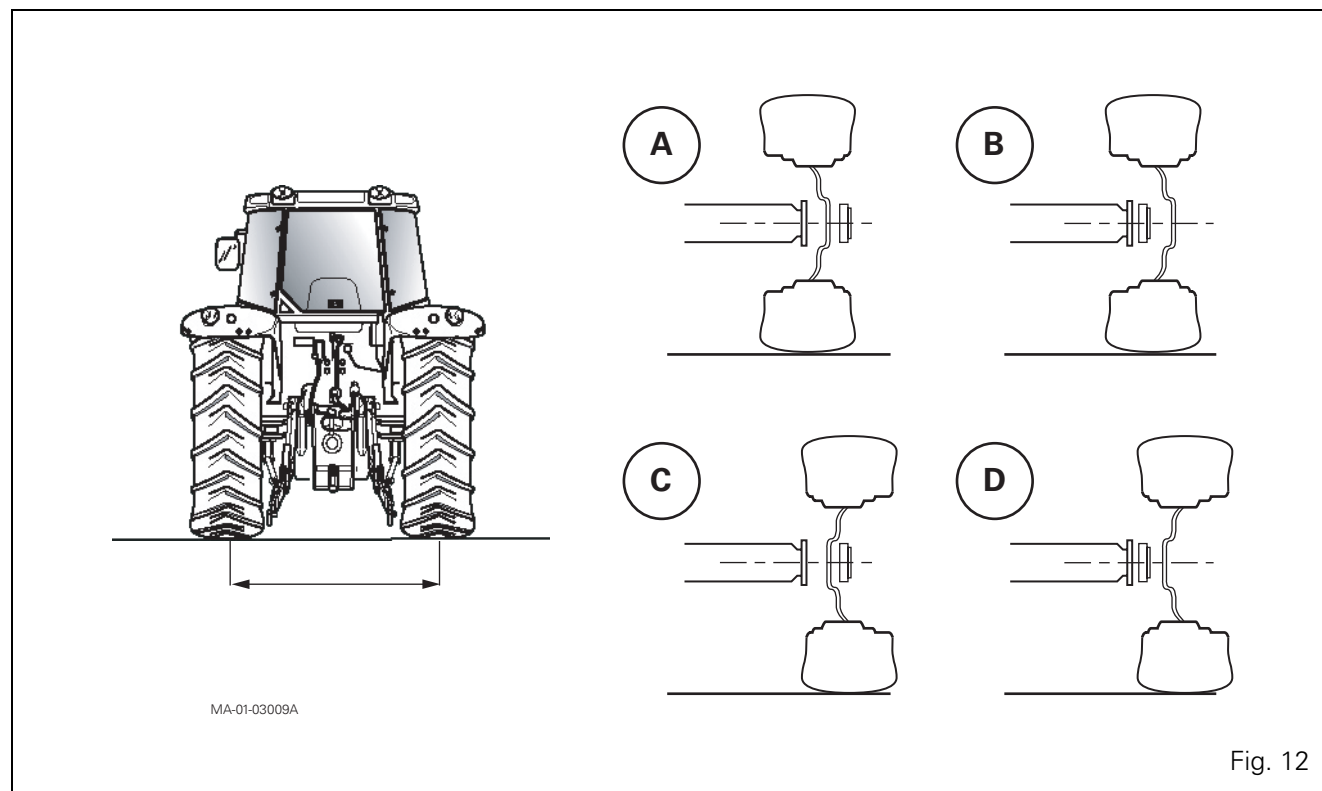
**NOTE:** Distance in mm measured between tyre centres.

**NOTE:** If the wheels are to be inverted, be sure to swap the left and right-hand wheels in order to maintain their direction of rotation.

#### Rear track widths

##### Rims with welded steel discs

| Assembly with rim offset turned inwards (Fig. 12)  |                        |
|----------------------------------------------------|------------------------|
| Without spacer (A)                                 | 1622                   |
| With 1 spacer (B)                                  | 1708                   |
| Assembly with rim offset turned outwards (Fig. 12) |                        |
| Without spacer (C)                                 | 1952                   |
| With 1 spacer (D)                                  | 2038                   |
| Spacer width                                       | 43mm / spacer          |
| Wheel attachment                                   | 8-hole flange, Ø 203.2 |
| Rim offset 75mm, disc thickness 15mm               |                        |



## SPECIFICATIONS - Dimensions

### Rims with steel disc and lugs

| Rim size                                         | 30"                    | 34"  | 38"  |
|--------------------------------------------------|------------------------|------|------|
| Assembly with rim disc turned inwards (Fig. 13)  |                        |      |      |
| A                                                | 1406                   | 1400 | 1410 |
| 1614                                             | 1499                   | 1518 | 1614 |
| C                                                | 1609                   | 1606 | 1510 |
| D                                                | 1722                   | 1724 | 1714 |
| Assembly with rim disc turned outwards (Fig. 13) |                        |      |      |
| E                                                | 1806                   | 1800 | 1810 |
| F                                                | 1919                   | 1918 | 2014 |
| G                                                | 2009                   | 2006 | 1910 |
| H                                                | 2122                   | 2124 | 2114 |
| Wheel attachment                                 | 8-hole flange, Ø 203.2 |      |      |

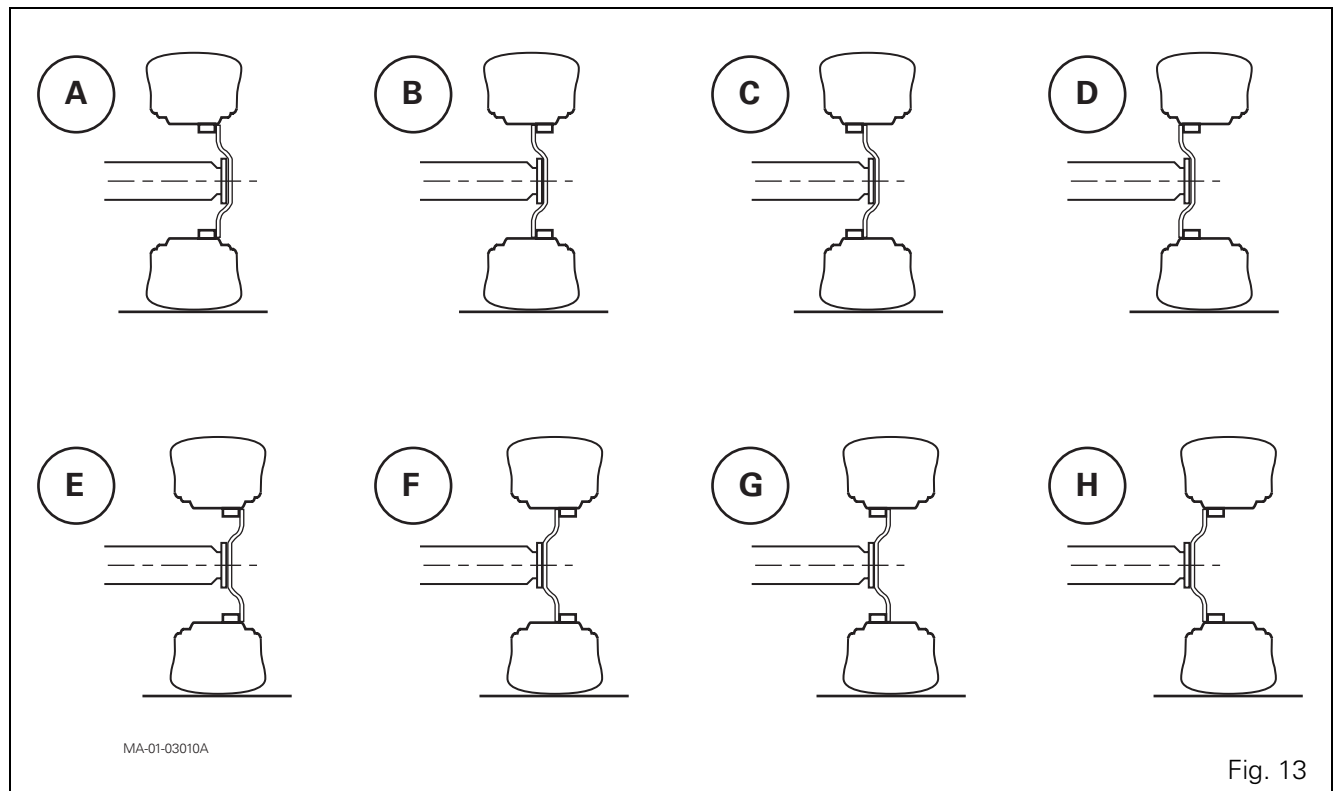
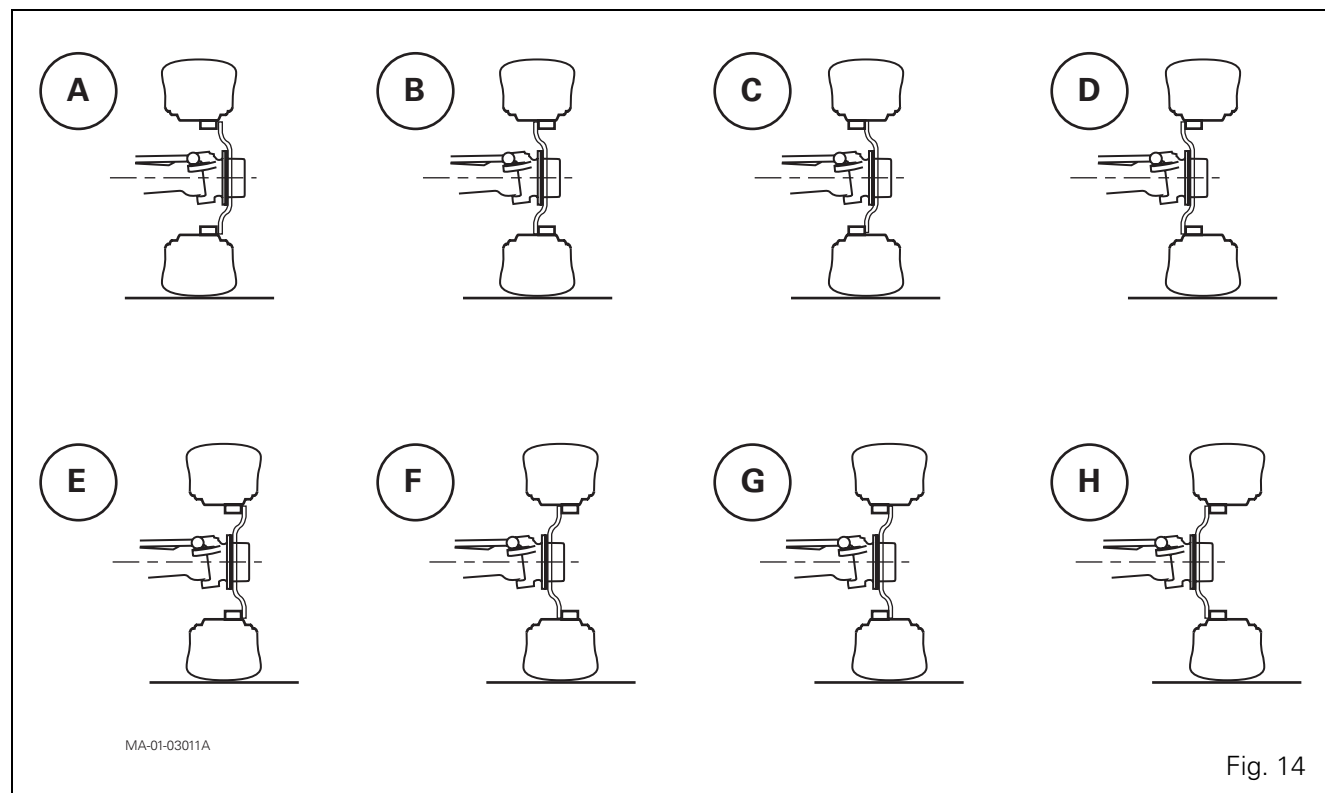


Fig. 13

## SPECIFICATIONS - Dimensions

### Front track widths

| <b>Rims with steel disc and 4 double lugs (Fig. 14)</b> |                       |      |      |      |      |      |      |      |      |
|---------------------------------------------------------|-----------------------|------|------|------|------|------|------|------|------|
| Rim dimension                                           | Width between flanges | A    | B    | C    | D    | E    | F    | G    | H    |
| W7 x 24"                                                | 1669                  | 1492 | 1601 | 1521 | 1630 | 1692 | 1801 | 1721 | 1830 |
|                                                         | 1800                  | 1623 | 1732 | 1652 | 1761 | 1823 | 1932 | 1852 | 1961 |
| W14 x 24"                                               | 1669                  | 1406 | 1515 | 1607 | 1716 | 1606 | 1715 | 1807 | 1916 |
|                                                         | 1800                  | 1537 | 1646 | 1738 | 1847 | 1737 | 1846 | 1938 | 2047 |
| W12 x 28"                                               | 1669                  | 1308 | 1419 | 1501 | 1612 | 1708 | 1819 | 1901 | 2012 |
|                                                         | 1800                  | 1439 | 1550 | 1632 | 1743 | 1839 | 1950 | 2032 | 2143 |
| <b>Rims with steel disc and 6 single lugs (Fig. 14)</b> |                       |      |      |      |      |      |      |      |      |
| Rim dimension                                           | Width between flanges | A    | B    | C    | D    | E    | F    | G    | H    |
| 24" or 28"                                              | 1669                  | 1436 | 1549 | 1641 | 1754 | 1604 | 1717 | 1789 | 1922 |
|                                                         | 1800                  | 1567 | 1680 | 1772 | 1885 | 1735 | 1848 | 1920 | 2053 |
| <b>Slotted rims with steel disc (Fig. 14)</b>           |                       |      |      |      |      |      |      |      |      |
| Rim dimension                                           | Width between flanges | A    | B    | C    | D    | E    | F    | G    | H    |
| DWW13 x 30<br>W10 x 34                                  | 1669                  | 1305 | 1406 | 1507 | 1608 | 1711 | 1812 | 1913 | 2014 |
|                                                         | 1800                  | 1436 | 1537 | 1638 | 1739 | 1842 | 1943 | 2044 | 2145 |
| Wheel attachment                                        | 8-hole flange Ø 275   |      |      |      |      |      |      |      |      |



## SPECIFICATIONS - Dimensions

### Rims with welded steel disc (Fig. 15)

| Rim dimension        | Width between flanges | A    | B    |
|----------------------|-----------------------|------|------|
| W12 x 28<br>W15 x 28 | 1669                  | 1619 | 1743 |
|                      | 1800                  | 1750 | 1874 |
| W14 x 28             | 1669                  | 1623 | 1739 |
|                      | 1800                  | 1754 | 1870 |
| W10 x 24<br>W12 x 24 | 1669                  | 1609 | 1749 |
|                      | 1800                  | 1740 | 1880 |
| W14 x 24             | 1669                  | 1609 | 1753 |
|                      | 1800                  | 1740 | 1884 |
| Wheel attachment     | 8-hole flange Ø 275   |      |      |

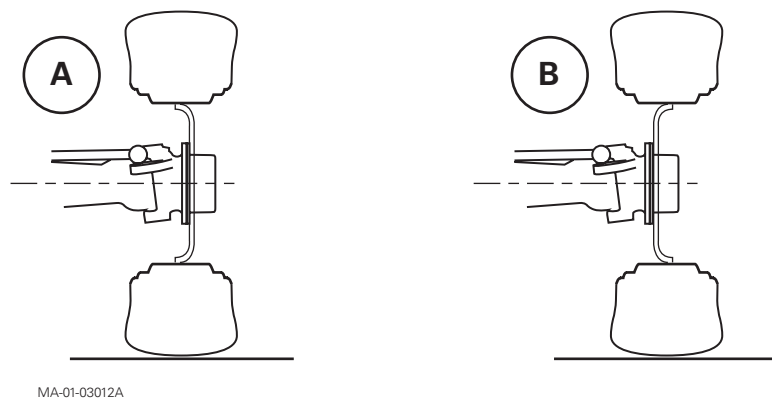


Fig. 15





## *1B13- SPECIFICATIONS - Capacities*

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| <b>B . Capacities: GBA25 Dyna 4 models . . . . .</b>     | <b>4</b> |

## **SPECIFICATIONS - Capacities**

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## SPECIFICATIONS - Capacities

### A . Capacities: GBA20 Speedshift models

|                                                                | Engine oil | Engine cooling | Transmission oil                          | Front axle | Front final drives | Fuel tank | Additional tank | Windscreen washer | Conditioned air |
|----------------------------------------------------------------|------------|----------------|-------------------------------------------|------------|--------------------|-----------|-----------------|-------------------|-----------------|
| 5425                                                           | 7.5        | 16.6           | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5435                                                           | 7.5        | 16.6           | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5445                                                           | 7.5        | 16.6           | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5455                                                           | 7.5        | 16.6           | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5460                                                           | 7.5        | 16.6           | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 6.8        | 1.1                | 150       | 50              | 4                 | 1550            |
| 5465                                                           | 14.5       | 25             | 56 (Mech. Rev. Sh.)<br>68 (Power Shuttle) | 6          | 0.7                | 150       | 80              | 4                 | 1550            |
| 5460 SA                                                        | 7.5        | 16.6           | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 5.5        | 0.9                | 130       | -               | 4                 | 1550            |
| 5470 SA                                                        | 8          | 17             | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 9          | 0.8                | 130       | -               | 4                 | 1550            |
| 5475 SA                                                        | 8          | 17             | 62 (Mech. Rev. Sh.)<br>74 (Power Shuttle) | 9          | 0.8                | 130       | -               | 4                 | 1550            |
| Values in litres, and in grams for the air conditioning system |            |                |                                           |            |                    |           |                 |                   |                 |

## SPECIFICATIONS - Capacities

### B . Capacities: GBA25 Dyna 4 models

|                                                                | Engine oil | Engine cooling | Transmission oil | Front axle | Front final drives | Fuel tank | Additional tank | Windscreen washer | Conditioned air |
|----------------------------------------------------------------|------------|----------------|------------------|------------|--------------------|-----------|-----------------|-------------------|-----------------|
| 5425                                                           | 7.5        | 16.6           | 69               | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5435                                                           | 7.5        | 16.6           | 69               | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5445                                                           | 7.5        | 16.6           | 69               | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5455                                                           | 7.5        | 16.6           | 69               | 5.5        | 0.9                | 150       | 50              | 4                 | 1550            |
| 5460                                                           | 7.5        | 16.6           | 69               | 6.8        | 1.1                | 150       | 50              | 4                 | 1550            |
| 5465                                                           | 14.5       | 25             | 69               | 6          | 0.7                | 150       | 80              | 4                 | 1550            |
| 5470                                                           | 8          | 17             | 69               | 9          | 0.8                | 150       | 80              | 4                 | 1550            |
| 5460 SA                                                        | 7.5        | 16.6           | 69               | 5.5        | 0.9                | 130       | -               | 4                 | 1550            |
| 5470 SA                                                        | 8          | 17             | 69               | 9          | 0.8                | 130       | -               | 4                 | 1550            |
| 5475 SA                                                        | 8          | 17             | 69               | 9          | 0.8                | 130       | -               | 4                 | 1550            |
| Values in litres, and in grams for the air conditioning system |            |                |                  |            |                    |           |                 |                   |                 |

## *1C10- Miscellaneous*

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| <b>B . Retaining compounds and sealing products.....</b> | <b>4</b> |

## Miscellaneous

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**A . Conversion tables**

| LENGTH      |          |      |
|-------------|----------|------|
| multiply by |          |      |
| mm          | x 0.0394 | in   |
| in          | x 25.400 | mm   |
| m           | x 3.2808 | ft   |
| ft          | x 0.3048 | m    |
| km          | x 0.6214 | mile |
| mile        | x 1.6093 | km   |

| SURFACE AREA    |           |                 |
|-----------------|-----------|-----------------|
| multiply by     |           |                 |
| mm <sup>2</sup> | x 0.0016  | in <sup>2</sup> |
| in <sup>2</sup> | x 645.16  | mm <sup>2</sup> |
| m <sup>2</sup>  | x 10.7639 | ft <sup>2</sup> |
| ft <sup>2</sup> | x 0.0929  | m <sup>2</sup>  |
| ha              | x 2.4711  | acre            |
| acre            | x 0.4047  | ha              |

| VOLUME          |           |                 |
|-----------------|-----------|-----------------|
| multiply by     |           |                 |
| cm <sup>3</sup> | x 0.06102 | in <sup>3</sup> |
| in <sup>3</sup> | x 16.387  | cm <sup>3</sup> |
| m <sup>3</sup>  | x 35.315  | ft <sup>3</sup> |
| ft <sup>3</sup> | x 0.0283  | m <sup>3</sup>  |

| CAPACITY    |           |            |
|-------------|-----------|------------|
| multiply by |           |            |
| ml          | x 0.0352  | fl oz (UK) |
| fl oz (UK)  | x 28.4131 | ml         |
| ml          | x 0.0338  | fl oz (US) |
| fl oz (US)  | x 29.5735 | ml         |
| l           | x 0.2200  | gal (UK)   |
| gal (UK)    | x 4.5640  | l          |
| l           | x 0.2640  | gal (US)   |
| gal (US)    | x 3.7850  | l          |
| gal (UK)    | x 1.2010  | gal (US)   |
| gal (US)    | x 0.8330  | gal (UK)   |

| POWER       |          |          |
|-------------|----------|----------|
| multiply by |          |          |
| hp          | x 0.9863 | bhp (UK) |
| bhp (UK)    | x 1.0139 | hp       |
| kW          | x 1.3410 | bhp (UK) |
| bhp (UK)    | x 0.7457 | kW       |
| kW          | x 1.36   | hp       |
| hp          | x 0.736  | kW       |

| TORQUE      |          |        |
|-------------|----------|--------|
| multiply by |          |        |
| Nm          | x 0.7375 | lbf ft |
| lbf ft      | x 1.356  | Nm     |
| daNm        | x 7.3756 | lbf ft |
| lbf ft      | x 0.1356 | daNm   |

| PRESSURE                  |          |                           |
|---------------------------|----------|---------------------------|
| multiply by               |          |                           |
| bar                       | x 14.504 | lbf/in <sup>2</sup> (PSI) |
| lbf/in <sup>2</sup> (PSI) | x 0.0690 | bar                       |

| FLOW RATE     |          |               |
|---------------|----------|---------------|
| multiply by   |          |               |
| l/min         | x 0.264  | gal/min (US)  |
| l/min         | x 0.22   | gal/min (UK)  |
| l/hr          | x 0.264  | gal/hr (US)   |
| l/hr          | x 0.22   | gal/hr (UK)   |
| l/ha          | x 0.107  | gal/acre (US) |
| l/ha          | x 0.089  | gal/acre (UK) |
| gal/min (US)  | x 3.7850 | l/min         |
| gal/min (UK)  | x 4.5640 | l/min         |
| gal/hr (US)   | x 3.7850 | l/hr          |
| gal/hr (UK)   | x 4.5640 | l/hr          |
| gal/acre (US) | x 9.354  | l/ha          |
| gal/acre (UK) | x 11.232 | l/ha          |

## Miscellaneous

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| SPEED         |          |               |
|---------------|----------|---------------|
| multiply by   |          |               |
| kph           | x 0.6214 | mile/hr (mph) |
| mile/hr (mph) | x 1.6093 | kph           |

| WEIGHT      |           |        |
|-------------|-----------|--------|
| multiply by |           |        |
| g           | x 0.03527 | oz     |
| oz          | x 28.350  | g      |
| kg          | x 2.2046  | lb     |
| lb          | x 0.4536  | kg     |
| kg          | x 0.00098 | UK ton |
| UK ton      | x 1016.1  | kg     |
| t           | x 0.9842  | UK ton |
| UK ton      | x 1.016   | t      |
| t           | x 1.1023  | US ton |
| US ton      | x 0.9072  | t      |

| TEMPERATURE |               |    |
|-------------|---------------|----|
| °C          | °C x 1.8 + 32 | °F |
| °F          | (°F - 32)/1.8 | °C |

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## B . Retaining compounds and sealing products

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The Loctite compounds mentioned in this manual are referred to by their industrial name.

For repair purposes, use their commercial names or the corresponding AGCO references listed in the following table:

These products are available in the AGCO network or may be ordered from the following address:

Henkel Loctite France S.A.  
10, avenue Eugène Gazeau  
BP 40090  
60304 Senlis Cedex  
France



| Loctite product type | Operation                                                                     |
|----------------------|-------------------------------------------------------------------------------|
| 221                  | Standard threadlock                                                           |
| 241                  |                                                                               |
| 242                  | Medium threadlock                                                             |
| 270                  | Strong threadlock                                                             |
| 496                  | Glue (for metals)                                                             |
| 510                  | Standard sealant                                                              |
| 518                  | Sealant for flat surfaces and paper seals                                     |
| 542                  | Thread sealant                                                                |
| 549                  | Oil-resistant surface sealant                                                 |
| 573                  | Surface sealant (engine, gearbox)                                             |
| 574                  |                                                                               |
| 577                  | Threaded union sealant (prevents loosening and leakages caused by vibrations) |
| 603                  | Retainer for cylindrical assemblies (bearings, rings etc.)                    |
| 638                  | Strong retainer for cylindrical assemblies (bearings, rings etc.)             |
| 648                  | Strong retainer for cylindrical assemblies (resistant to high temperatures)   |
| 706                  | Degreasing cleaner                                                            |
| 5206                 | Metallic surface sealant (gearbox housing, engine sump)                       |
| 5910                 | ± Flexible surface sealant                                                    |
| 5922                 | Sealant paste for ± flexible unions (sensor attachments etc.)                 |
| 7100                 | Leakage detector for pneumatic systems                                        |

**NOTE:** Use the product "Form A gasket 2" when sealing between plastic material and cast iron or steel.

## Miscellaneous

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### Application method for Loctite products

1. Remove all traces of previous sealants and corrosion
  - by mechanical means: brush or cloth
  - by chemical means: "DECAPLOC 88" (Leave the product to take effect then scrape off and wipe clean).
2. Degreasing parts using dry solvent: if possible, use super dry solvent LOCTITE 706.
3. Allow the solvents to evaporate
4. Apply the recommended type of LOCTITE product to the parts:
  - for blind tapped holes, apply a quantity of the product to the last threads at the bottom of the hole.
  - for cylindrical fittings, apply the product on the two mating faces using a clean brush.
  - for mating faces, apply a bead to one of the two faces, circling the holes, and then tighten as quickly as possible.

#### **NOTE:**

- a) *Do not use too much of the product in order to avoid locking adjacent parts.*
- b) *Do not attempt to retighten after 5 minutes of curing, in order to avoid breaking the film of product.*
- c) *If the ambient temperature is less than +10°C, and to ensure quicker setting of Loctite products, (except SILICOMET), use LOCTITE T 747 activator after phase 2 on at least one of the two parts. Excess product outside the joint will not harden (anaerobic products — curing takes place only when there is no oxygen).*

### Grease

When grease is used in components in contact with transmission oil, use grease that is miscible with oil to avoid blocking the hydraulic filters.

Use "Amber Technical" grease supplied by WITCO, 76320 Saint-Pierre des Elfes, France.