

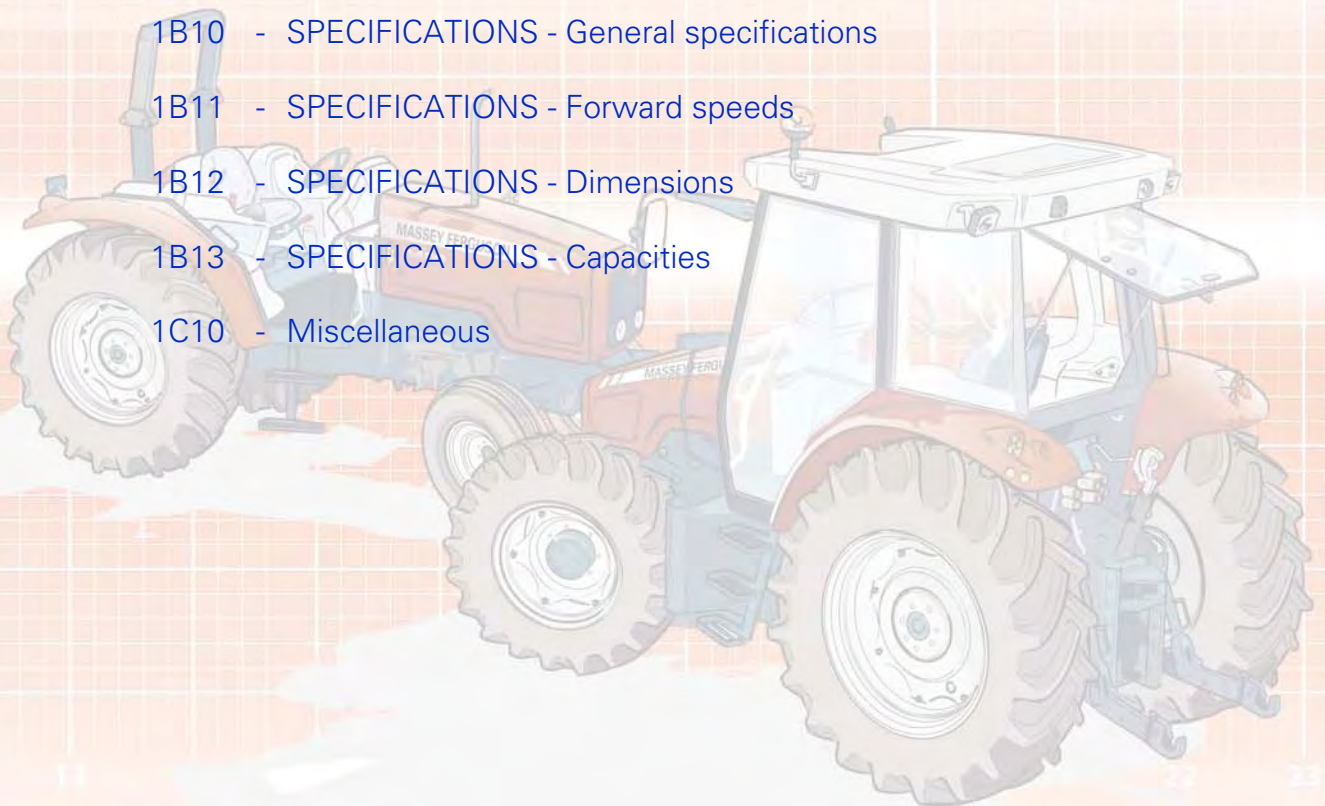


Introduction - Specifications

01 - Introduction - Specifications

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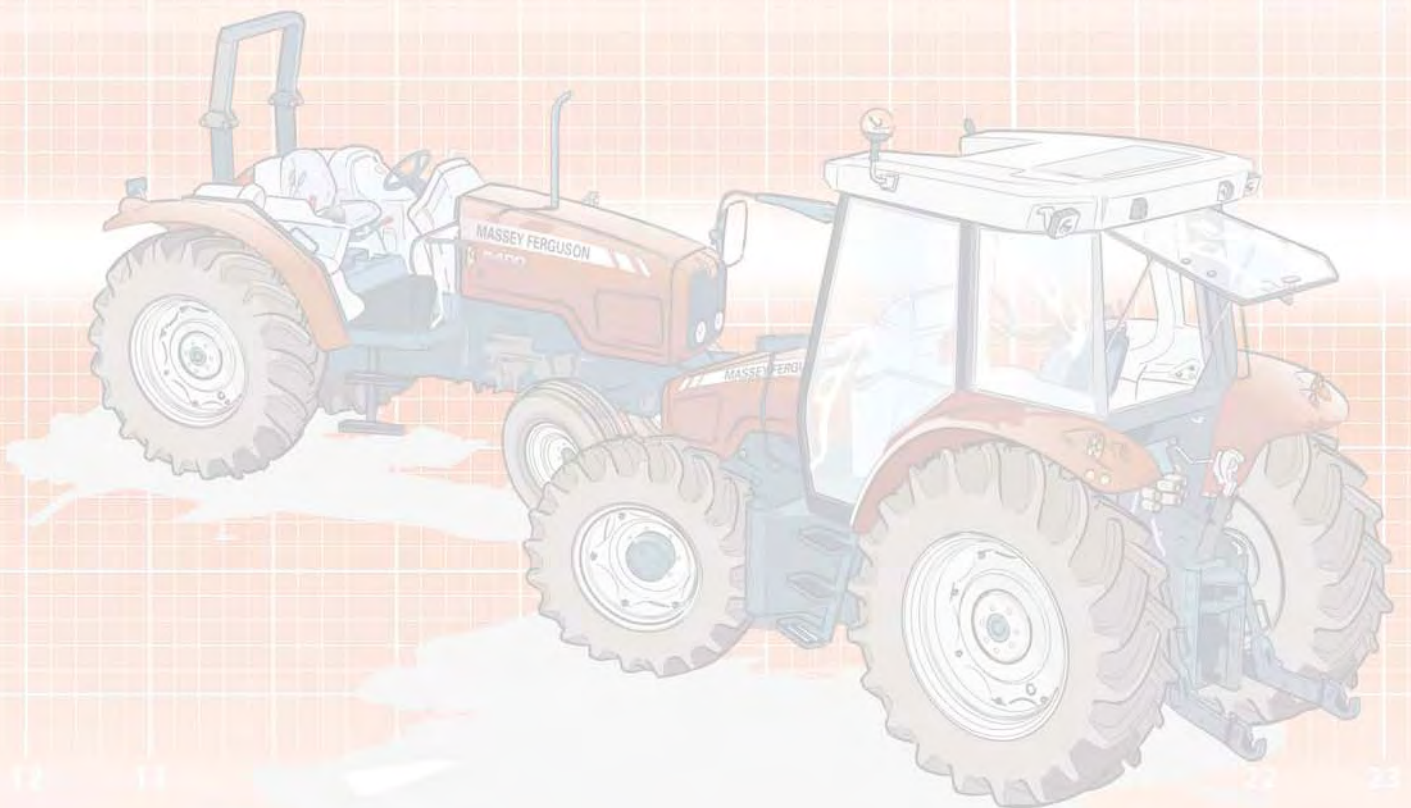
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Introduction - Specifications



5400



1A10- Using the manual

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Using the manual

A . General

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.

B . Structure of the manual

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.

C . Service tools

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.

D . Repairs and parts replacement

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

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 Wet clutch/Power Shuttle
Number of discs	5 pads (mechanical reverse shuttle) 4 forward discs/3 reverse discs (GBA20 Power Shuttle) 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) 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 Wet clutch/Power Shuttle
Number of discs	5 pads (mechanical reverse shuttle) 4 forward discs/3 reverse discs (GBA20 Power Shuttle) 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) 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 Wet clutch/Power Shuttle
Number of discs	6 pads (mechanical reverse shuttle) 4 forward discs/3 reverse discs (GBA20 Power Shuttle) 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) 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 Wet clutch/Power Shuttle
Number of discs	6 pads (mechanical reverse shuttle) 4 forward discs/3 reverse discs (GBA20 Power Shuttle) 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) 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	Viscstatic
Alternator	80 A / 120 A
Gearbox	
Gearbox model	GBA20/GBA25
Clutch/shuttle	Dry clutch/mechanical reverse shuttle Wet clutch/Power Shuttle
Number of discs	6 pads (mechanical reverse shuttle) 5 forward discs/4 reverse discs (GBA20 Power Shuttle) 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) 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 Wet clutch/Power Shuttle
Number of discs	6 pads (mechanical reverse shuttle) 5 forward discs/4 reverse discs (GBA20 Power Shuttle) 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	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) 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	Viscstatic
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 Wet clutch/Power Shuttle
Number of discs	6 pads (mechanical reverse shuttle) 4 forward discs/3 reverse discs (GBA20 Power Shuttle) 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 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 Wet clutch/Power Shuttle
Number of discs	6 pads (mechanical reverse shuttle) 4 forward discs/3 reverse discs (GBA20 Power Shuttle) 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 Wet clutch/Power Shuttle
Number of discs	6 pads (mechanical reverse shuttle) 4 forward discs/3 reverse discs (GBA20 Power Shuttle) 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	

1B11 - SPECIFICATIONS - Forward speeds

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SPECIFICATIONS - Forward speeds

SPECIFICATIONS - Forward speeds

A . Speedshift models

5425/5435 Speedshift models

Road speeds at 2200 rpm, 16.9R34 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
L O W S P E E 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 I G H S P E E 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 1/4		Creepers 1/14		Speedshift		Creepers 1/4		Creepers 1/14	
Version (kph)			30	40	30	40	30	40	30	40	30	40	30	40
LOW 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 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 1/4		Creepers 1/14		Speedshift		Creepers 1/4		Creepers 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

5460 SA (Orchard) Speedshift models

Road speeds at 2200 rpm, 18.4R30 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
LOW 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 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 FORWARD MECHANICAL SHUTTLE			REVERSE MECHANICAL SHUTTLE		
RANGE			Speedshift	Creeper 1/4	Creeper 1/14	Speedshift	Creeper 1/4	Creeper 1/14
LOW 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 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 1/4	Creeper 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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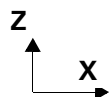
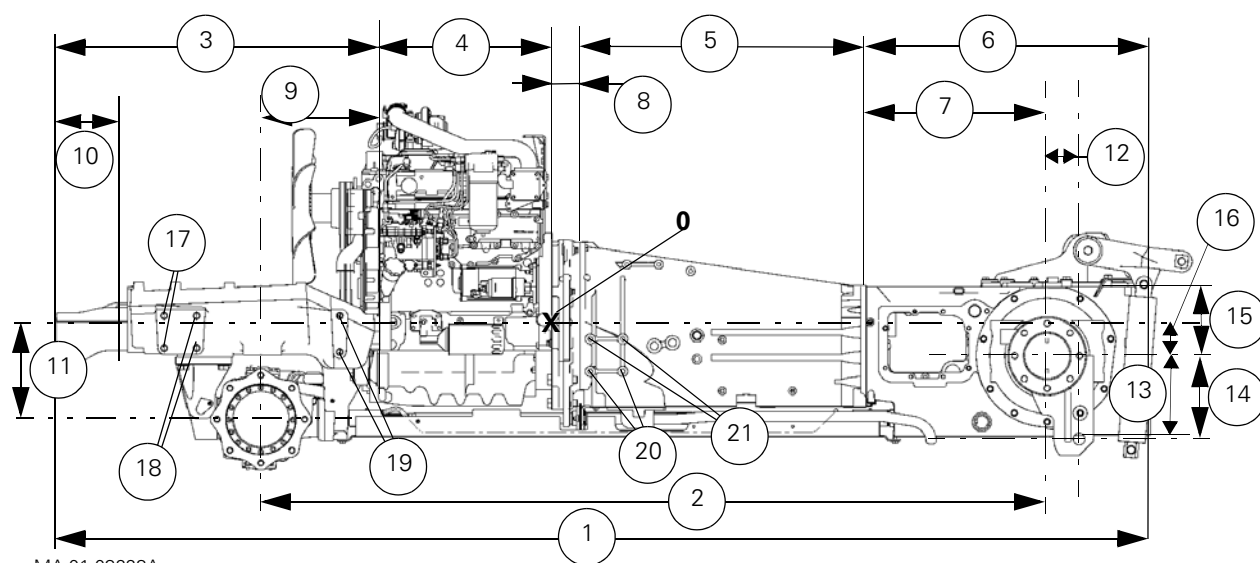
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SPECIFICATIONS - Dimensions

SPECIFICATIONS - Dimensions

A . General dimensions and attachment points for Speedshift models

5425, 5435, 5445 and 5455 Speedshift

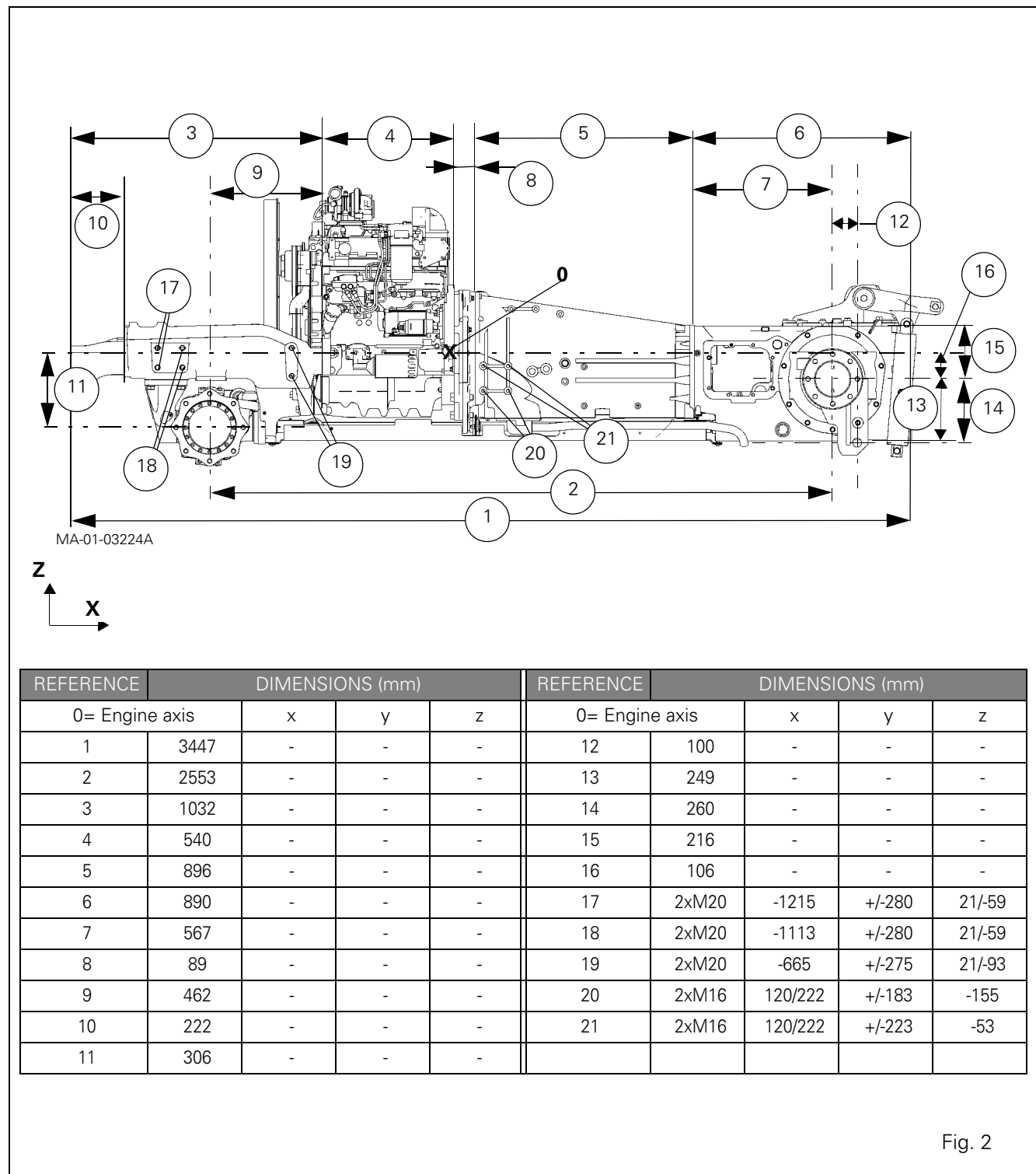


REFERENCE	DIMENSIONS (mm)				REFERENCE	DIMENSIONS (mm)			
0= Engine axis	x	y	z		0= Engine axis	x	y	z	
1	3427	-	-	-	12	100	-	-	-
2	2464	-	-	-	13	249	-	-	-
3	1012	-	-	-	14	260	-	-	-
4	540	-	-	-	15	216	-	-	-
5	896	-	-	-	16	106	-	-	-
6	890	-	-	-	17	2xM20	-1215	+/-280	20/-82
7	567	-	-	-	18	2xM20	-1113	+/-280	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

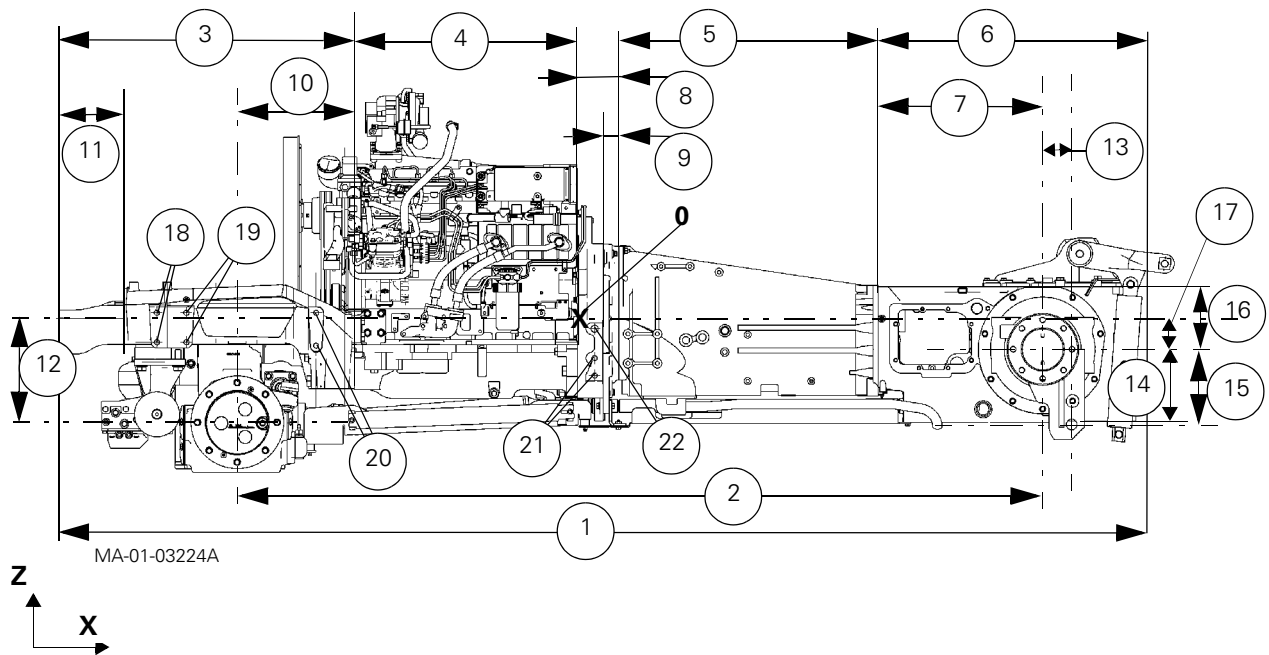
SPECIFICATIONS - Dimensions

5460 Speedshift



SPECIFICATIONS - Dimensions

5465 Speedshift

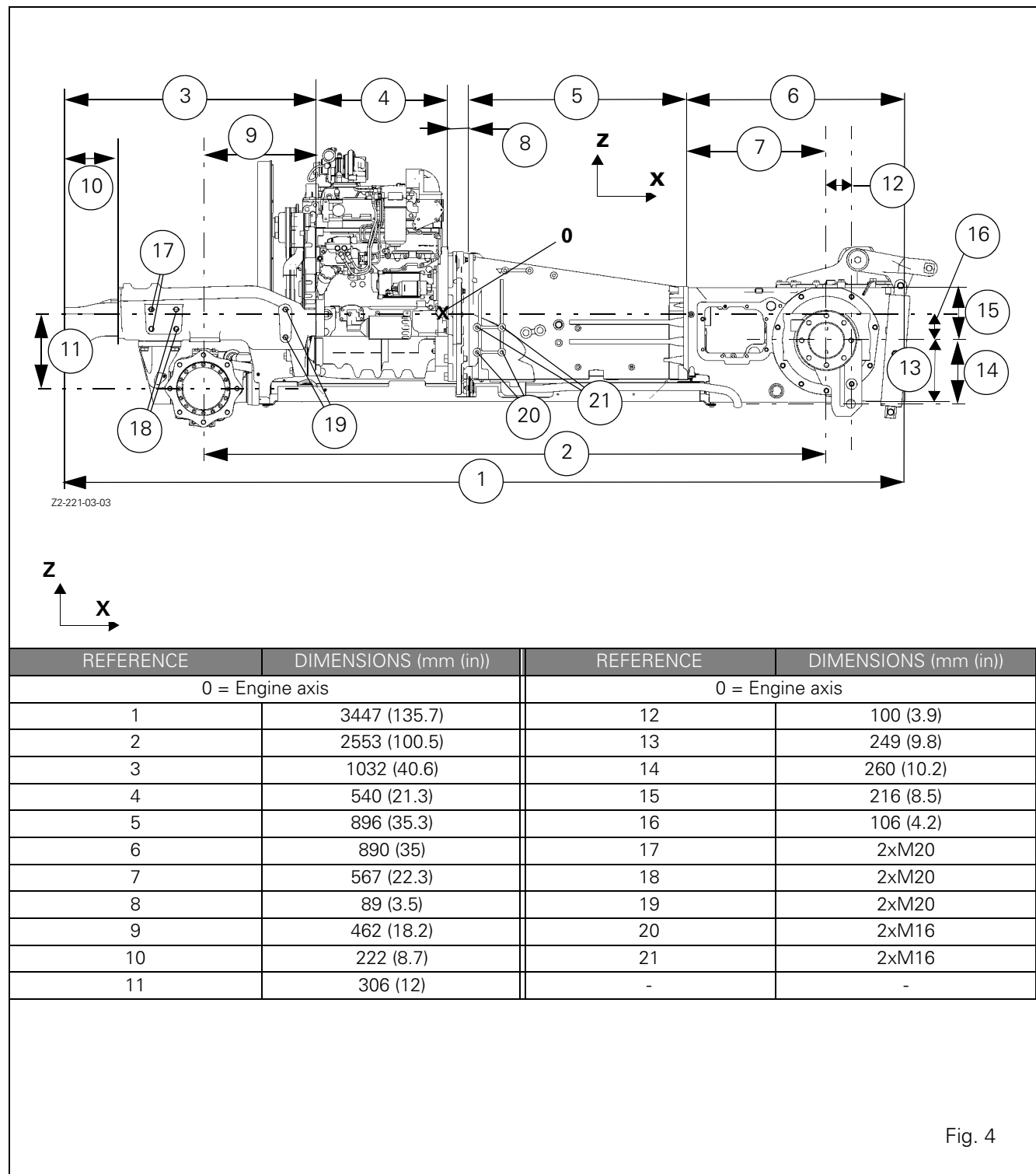


REFERENCE	DIMENSIONS (mm)				REFERENCE	DIMENSIONS (mm)			
0= Engine axis	x	y	z		0= Engine axis	x	y	z	
1	3717	-	-	-	12	361	-	-	-
2	2780	-	-	-	13	100	-	-	-
3	1018	-	-	-	14	249	-	-	-
4	772	-	-	-	15	260	-	-	-
5	896	-	-	-	16	216	-	-	-
6	890	-	-	-	17	106	-	-	-
7	567	-	-	-	18	2xM20	-1452	+/-280	20/-82
8	89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

Fig. 3

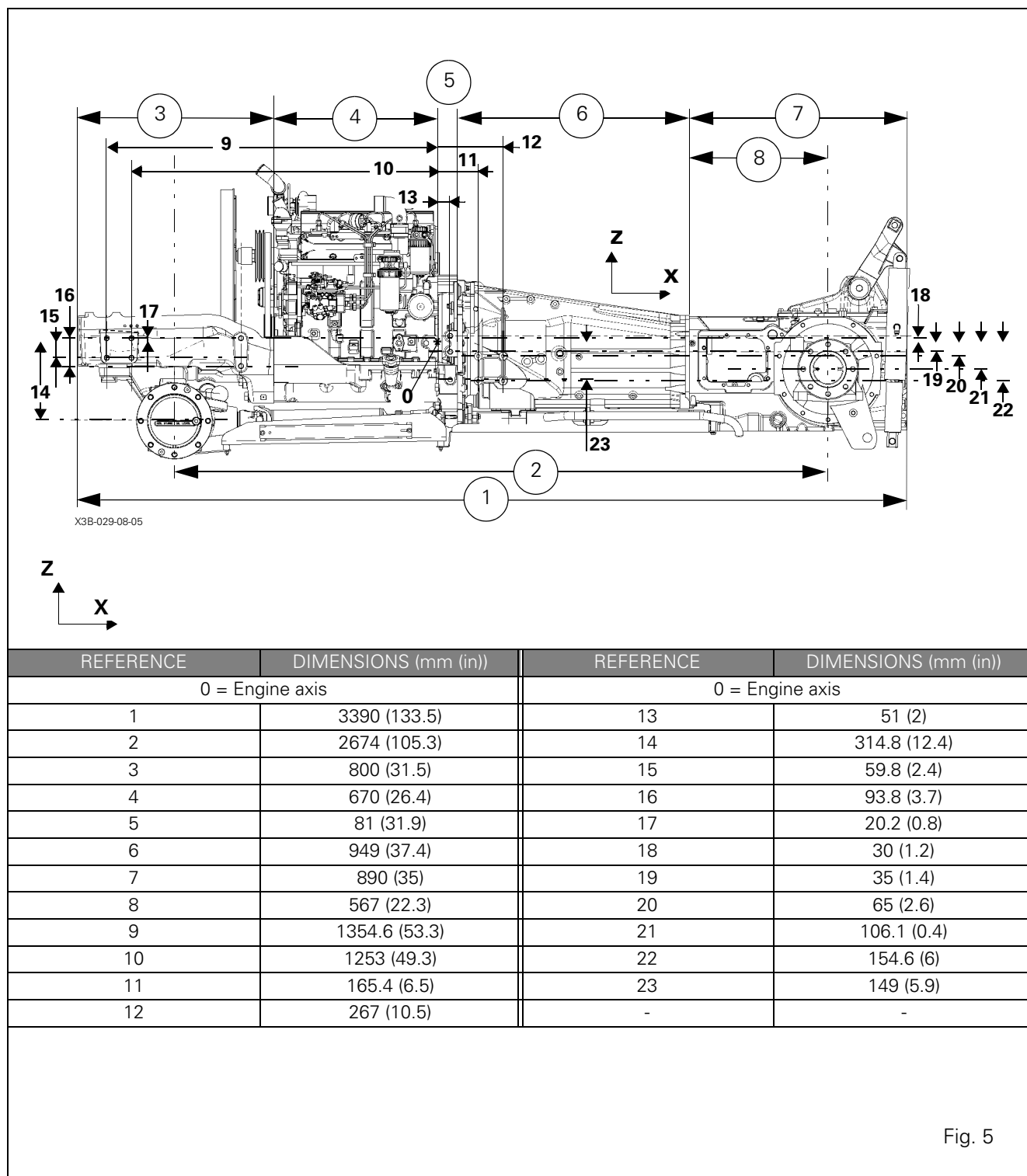
SPECIFICATIONS - Dimensions

5460 SA Speedshift (Orchard)



SPECIFICATIONS - Dimensions

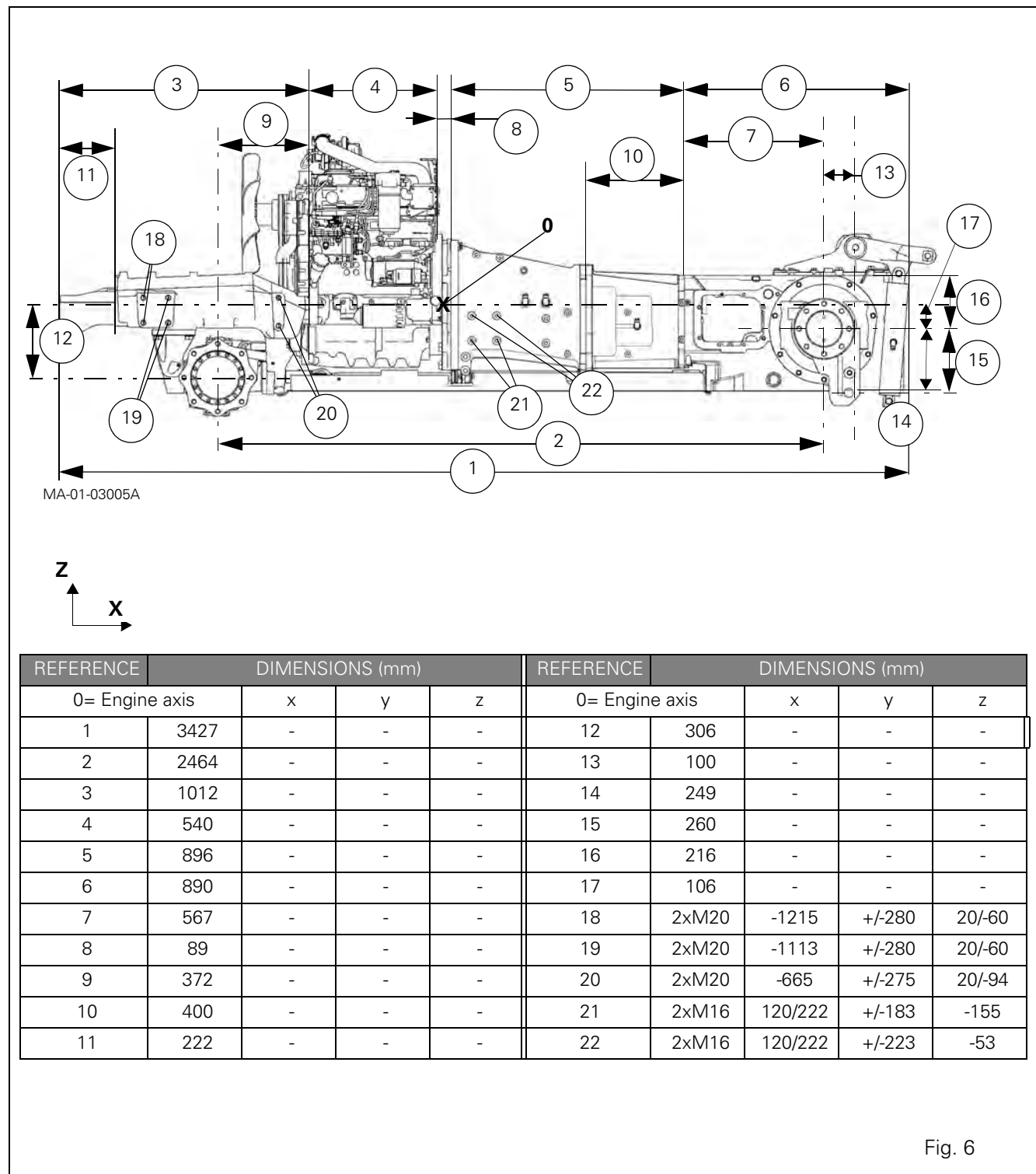
5470/5475 SA Speedshift (Orchard)



SPECIFICATIONS - Dimensions

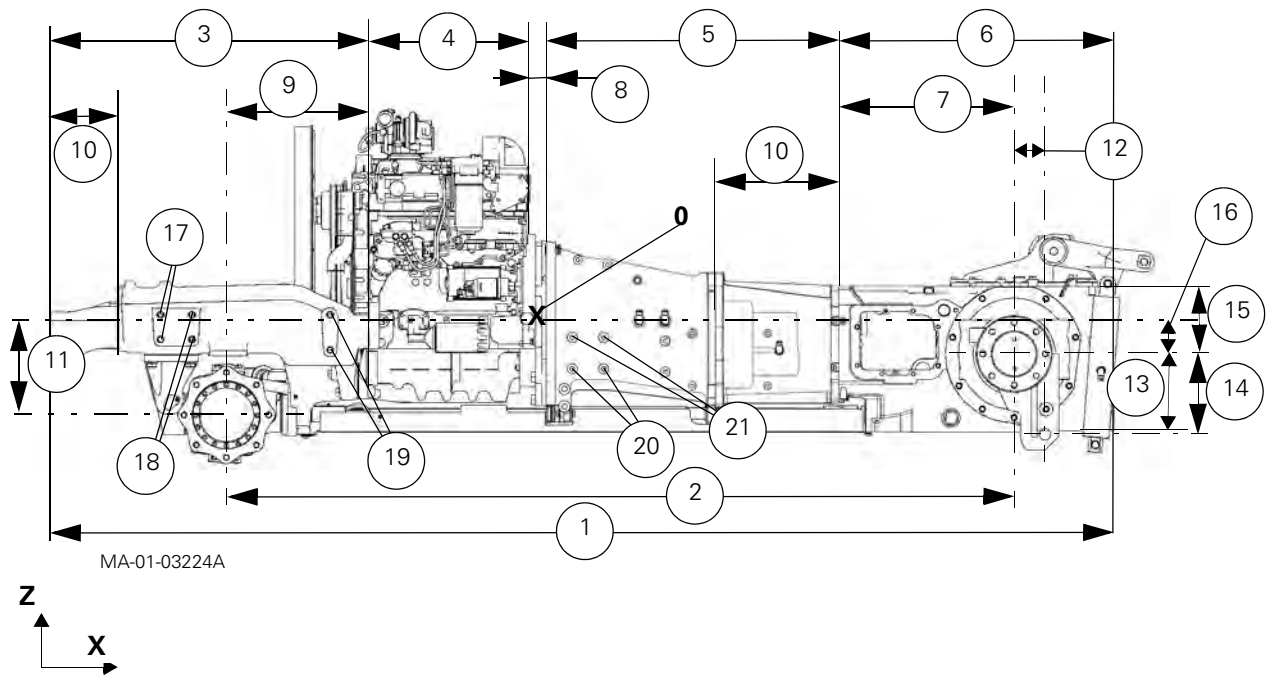
B . General dimensions and attachment points for Dyna 4 models

5425, 5435, 5445 and 5455 Dyna 4



SPECIFICATIONS - Dimensions

5460 Dyna 4

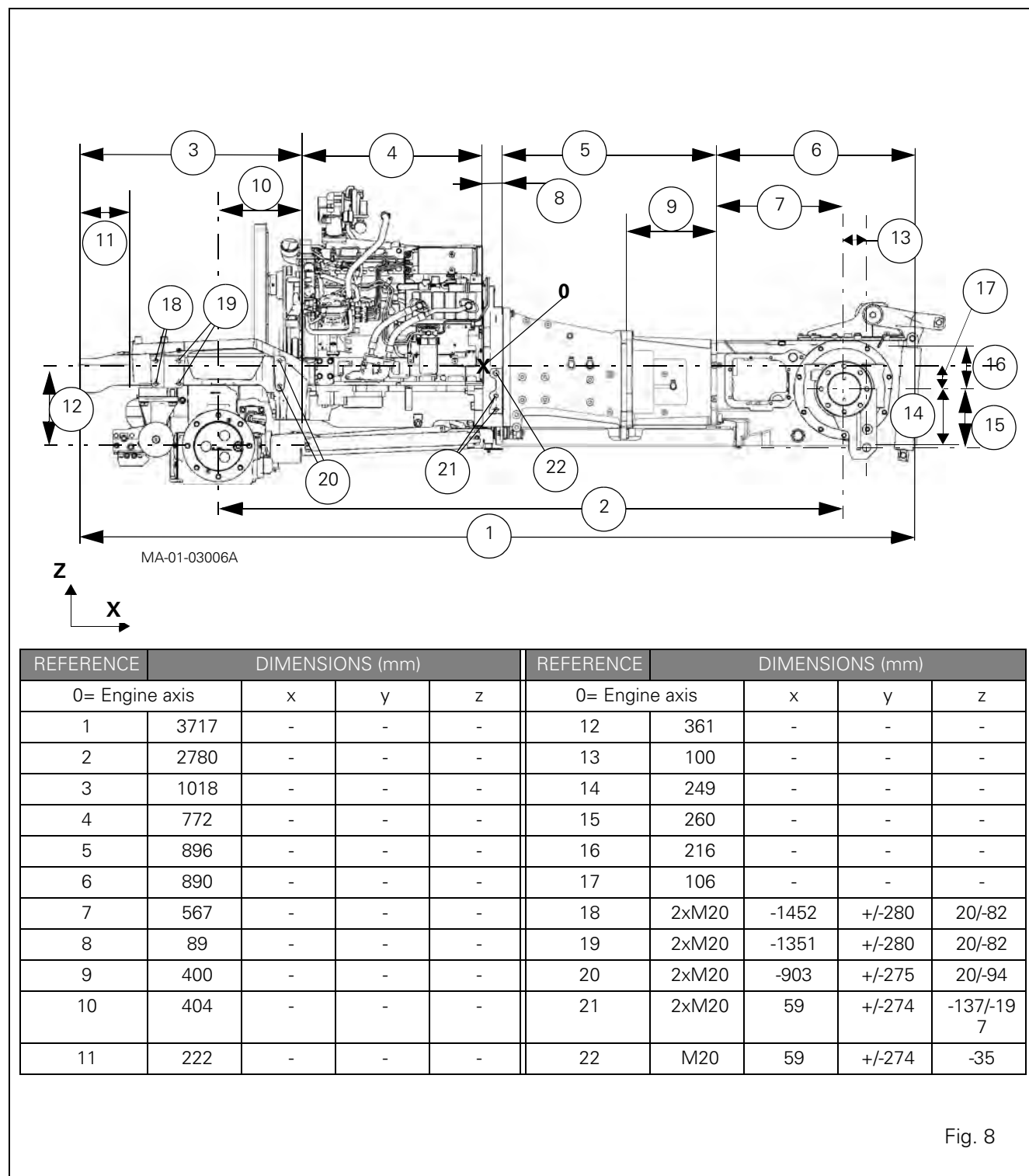


REFERENCE	DIMENSIONS (mm)				REFERENCE	DIMENSIONS (mm)			
0= Engine axis	x	y	z		0= Engine axis	x	y	z	
1	3447	-	-	-	12	306	-	-	-
2	2553	-	-	-	13	100	-	-	-
3	1032	-	-	-	14	249	-	-	-
4	540	-	-	-	15	260	-	-	-
5	896	-	-	-	16	216	-	-	-
6	890	-	-	-	17	106	-	-	-
7	567	-	-	-	18	2xM20	-1215	+/-280	21/-59
8	89	-	-	-	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

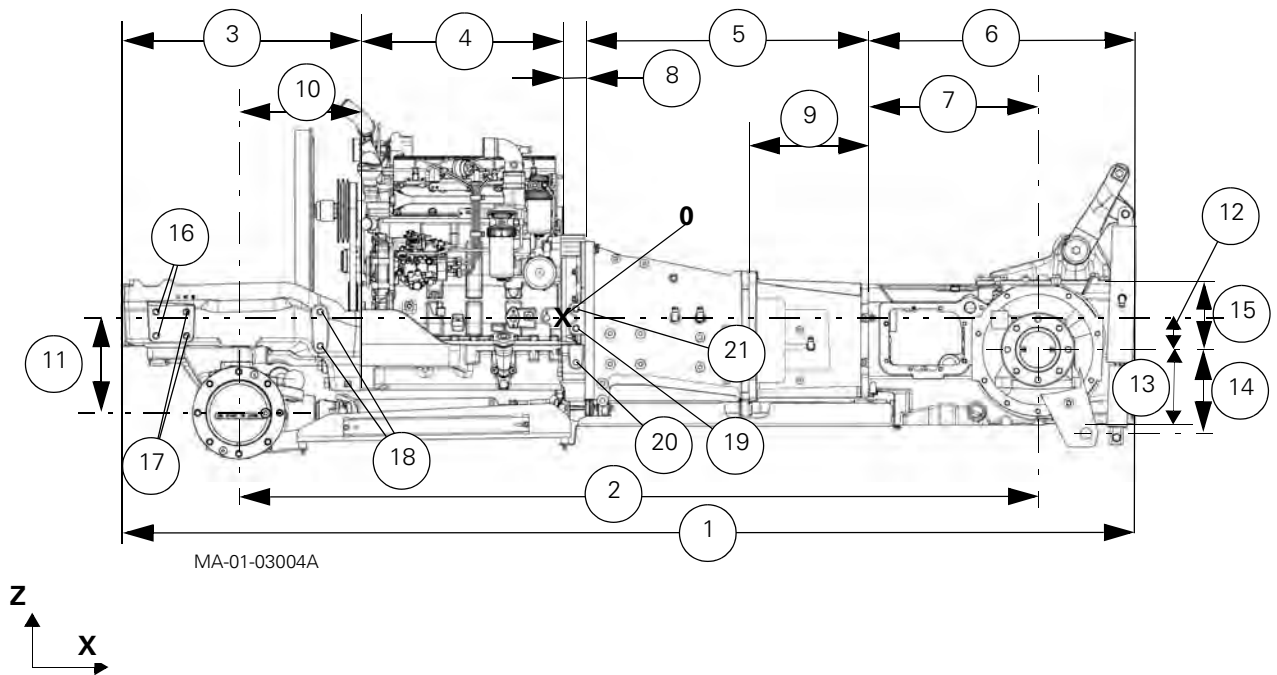
SPECIFICATIONS - Dimensions

5465 Dyna 4



SPECIFICATIONS - Dimensions

5470 Dyna 4

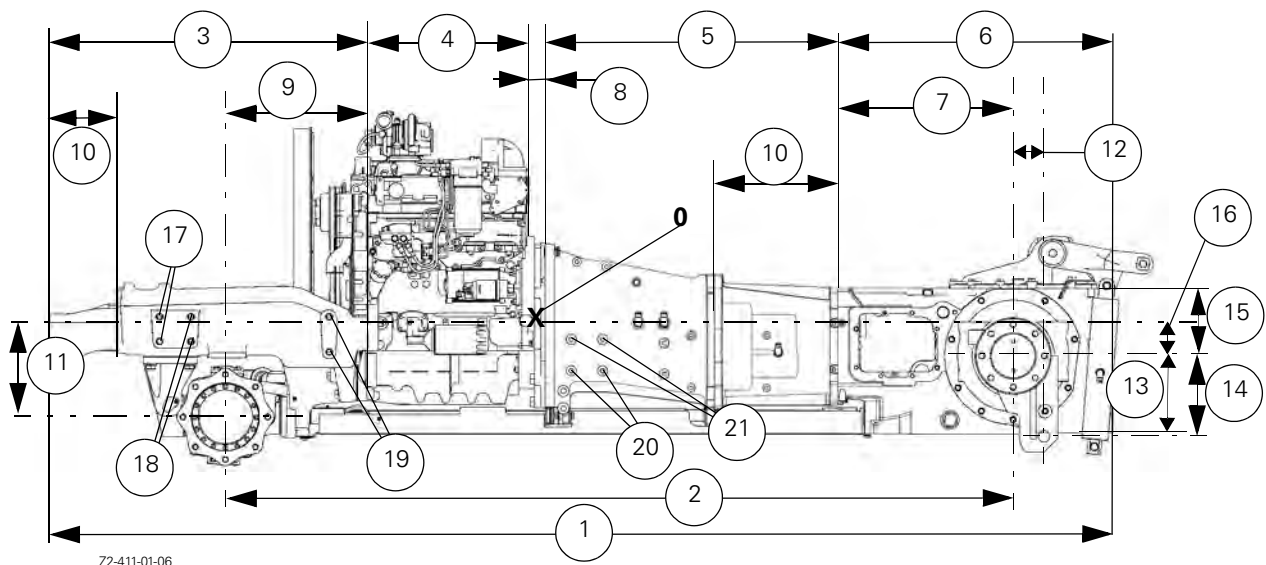


REFERENCE	DIMENSIONS (mm)				REFERENCE	DIMENSIONS (mm)			
0= Engine axis	x	y	z		0= Engine axis	x	y	z	
1	3390	-	-	-	12	106	-	-	-
2	2675	-	-	-	13	249	-	-	-
3	800	-	-	-	14	260	-	-	-
4	670	-	-	-	15	216	-	-	-
5	949	-	-	-	16	2xM20	-1354	+/-280	20/-60
6	890	-	-	-	17	2xM20	-1253	+/-280	20/-60
7	567	-	-	-	18	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)

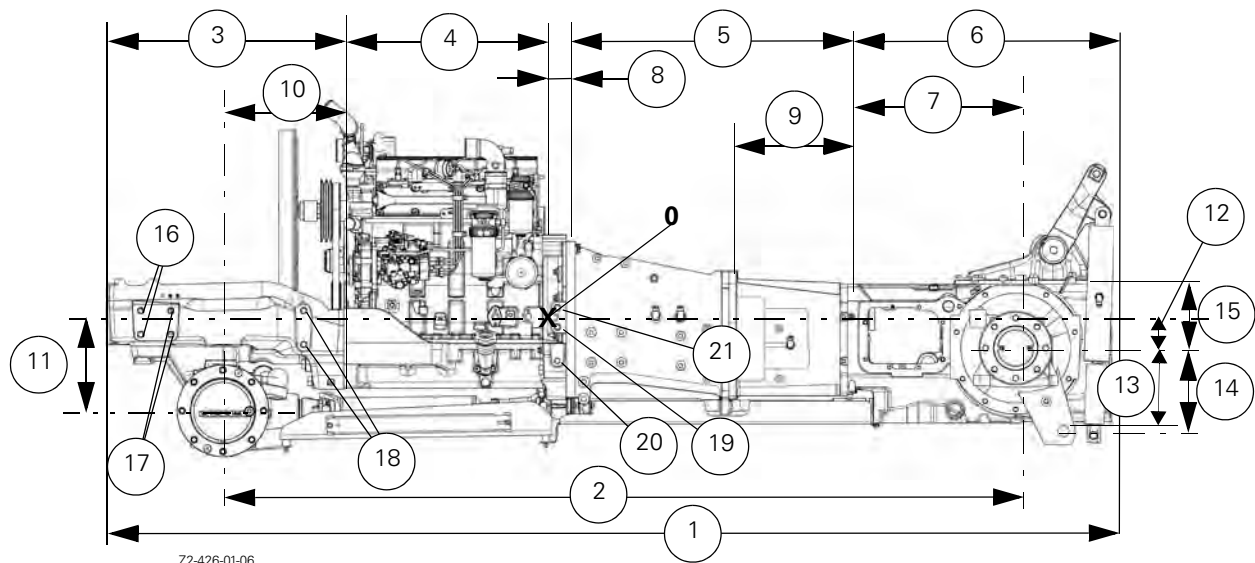


REFERENCE	DIMENSIONS (mm)				REFERENCE	DIMENSIONS (mm)			
0= Engine axis	x	y	z		0= Engine axis	x	y	z	
1	3447	-	-	-	12	306	-	-	-
2	2553	-	-	-	13	100	-	-	-
3	1032	-	-	-	14	249	-	-	-
4	540	-	-	-	15	260	-	-	-
5	896	-	-	-	16	216	-	-	-
6	890	-	-	-	17	106	-	-	-
7	567	-	-	-	18	2xM20	-1215	+/-280	21/-59
8	89	-	-	-	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

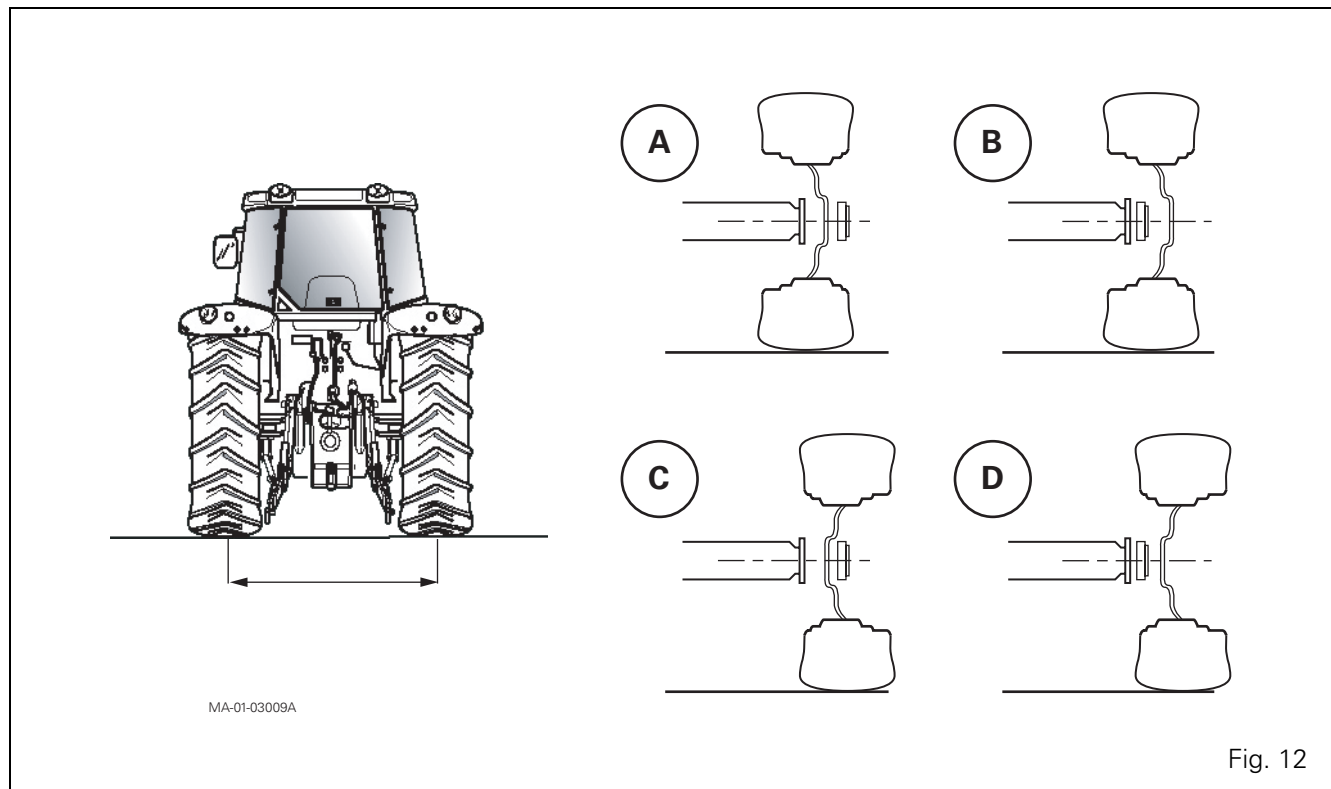
NOTE: Distance in mm measured between tyre centres.

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		

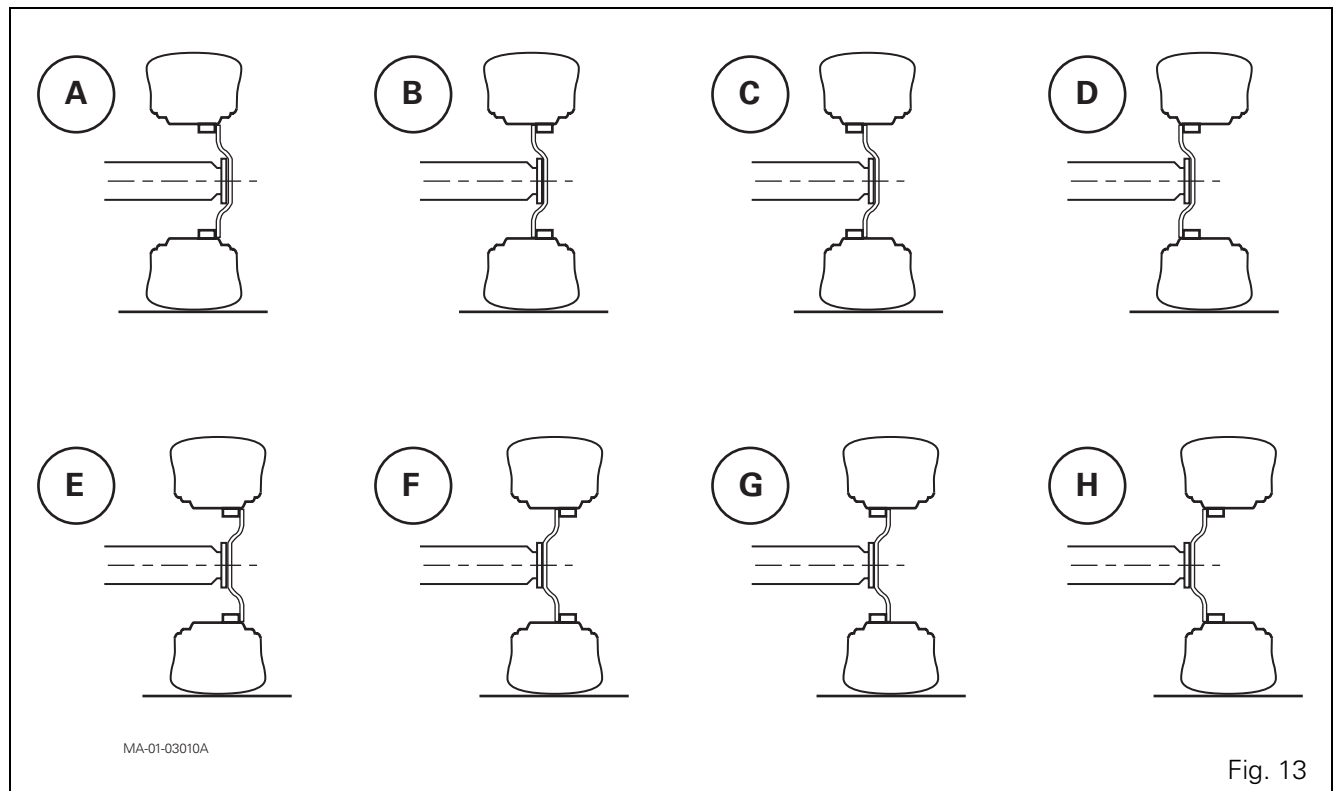


Fig. 13

SPECIFICATIONS - Dimensions

Front track widths

Rims with steel disc and 4 double lugs (Fig. 14)									
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
Rims with steel disc and 6 single lugs (Fig. 14)									
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
Slotted rims with steel disc (Fig. 14)									
Rim dimension	Width between flanges	A	B	C	D	E	F	G	H
DWW13 x 30 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								

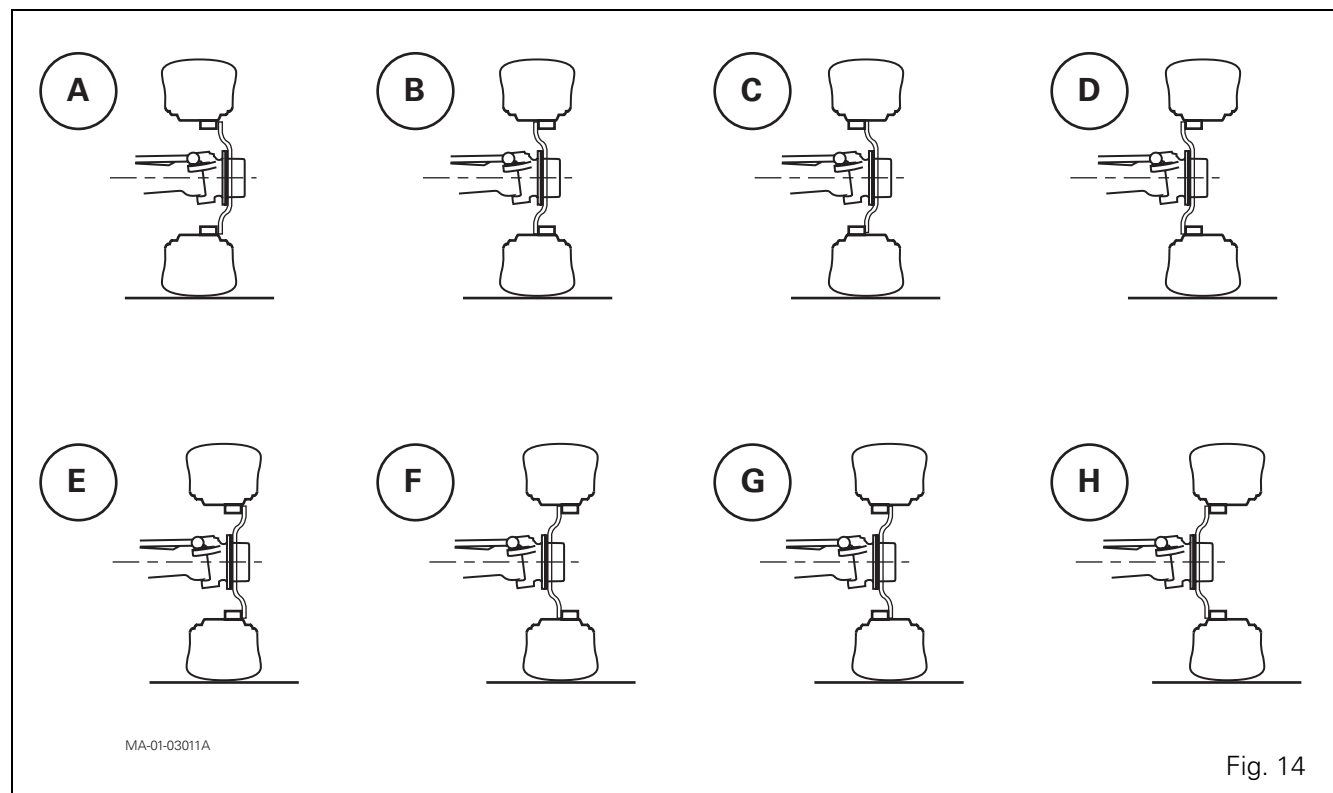


Fig. 14

SPECIFICATIONS - Dimensions

Rims with welded steel disc (Fig. 15)

Rim dimension	Width between flanges	A	B
W12 x 28 W15 x 28	1669	1619	1743
	1800	1750	1874
W14 x 28	1669	1623	1739
	1800	1754	1870
W10 x 24 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		

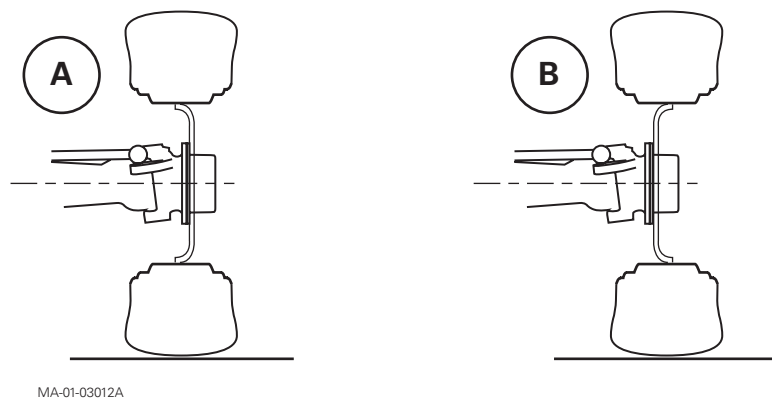


Fig. 15

1B13- SPECIFICATIONS - Capacities

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A . Capacities: GBA20 Speedshift models	3
B . Capacities: GBA25 Dyna 4 models	4

SPECIFICATIONS - Capacities

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.) 74 (Power Shuttle)	5.5	0.9	150	50	4	1550
5435	7.5	16.6	62 (Mech. Rev. Sh.) 74 (Power Shuttle)	5.5	0.9	150	50	4	1550
5445	7.5	16.6	62 (Mech. Rev. Sh.) 74 (Power Shuttle)	5.5	0.9	150	50	4	1550
5455	7.5	16.6	62 (Mech. Rev. Sh.) 74 (Power Shuttle)	5.5	0.9	150	50	4	1550
5460	7.5	16.6	62 (Mech. Rev. Sh.) 74 (Power Shuttle)	6.8	1.1	150	50	4	1550
5465	14.5	25	56 (Mech. Rev. Sh.) 68 (Power Shuttle)	6	0.7	150	80	4	1550
5460 SA	7.5	16.6	62 (Mech. Rev. Sh.) 74 (Power Shuttle)	5.5	0.9	130	-	4	1550
5470 SA	8	17	62 (Mech. Rev. Sh.) 74 (Power Shuttle)	9	0.8	130	-	4	1550
5475 SA	8	17	62 (Mech. Rev. Sh.) 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

CONTENTS

A . Conversion tables	3
B . Retaining compounds and sealing products.....	4

Miscellaneous

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 ²	x 0.0016	in ²
in ²	x 645.16	mm ²
m ²	x 10.7639	ft ²
ft ²	x 0.0929	m ²
ha	x 2.4711	acre
acre	x 0.4047	ha

VOLUME		
multiply by		
cm ³	x 0.06102	in ³
in ³	x 16.387	cm ³
m ³	x 35.315	ft ³
ft ³	x 0.0283	m ³

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 ² (PSI)
lbf/in ² (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

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

B . Retaining compounds and sealing products

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

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.