



C7H 6X4 TIPPER TRUCK



EXTERNAL DIMENSIONS

Length (mm)		7812
Width (mm)		2496
Height (mm) (empty)		3230
Wheel base (mm)		4300
Track (mm)	Front	2041
	Rear	1830
Min. ground clearance (mm)		257
Approach angle (°)		15
Departure angle (°)		46
Front overhang (mm)		1540

FEATURES

- Leading safety features include a built in crumple zone, ABS and EBS
- Differential locks and cross locks for when the going gets tough
- MTE Hardox Body
- Air Suspension
- ZF 12 Speed gearbox
- Voith retarder
- Large roomy High top cab for operator comfort
- Trailer gear included
- The new Sinotruk C7H offers you flexibility with a high torque 540HP engine, drivelines and wheelbases in chassis configurations to meet your transportation requirements.



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WEIGHTS

GVM (kg)		31000
Max load of two axles (kg)	Front	7000
	Rear	18000
GCM (kg)		50000

CAPABILITY

Max speed(km/h)	110
Min turning diameter (m)	16
Max climb gradient (%)	35
Fuel tank (L)	400

CABIN

Model	F
Sits	2
Turning radius (mm)	2875

ENGINE

Model	MC13.54-50
Displacement (L)	12.419
Power rating kW/(r/min)	397/1900
Max torque Nm/(r/min)	2500/1050-1350

CLUTCH

Model	CH430-25 diaphragm
Operation Mode	Hydraulic with air

TRANSMISSION

Model	ZF Manual
Forward gear ratio	15.012, 11.667, 9.03, 7.146, 5.568, 4.375, 3.431, 2.667, 2.064, 1.633, 1.273, 1
Reverse gear ratio	13.811, 3.157

FRAME

Model		Trapezium frame
Main beam cross-section (mm)		300×85×8
Width of frame Assembly (mm)	Front	940
	Rear	762

DRIVING AXLE

Model		MCY13 disc
Redactor ratio	Ratio	3.36
	Optional	2.85, 3.08, 3.7, 4.11
Differential lock		Diff + cross lock

FRONT AXLE

Model	HF7 (disc)
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SUSPENSION

Front	Model	Spring
	Number	3 leaf parabolic
Rear	Model	Air
	Number	8 air bag

STEERING GEAR

Model	Ball circul
Ratio	22.2-26.2
Max pressure of pump (kPa)	18300
Steering way	Recirculating ball

BRAKING SYSTEM

Working pressure (kPa)	1000
Drive braking type	Dual circuit
Brake power adjust type	ABS EBL ASR
Parking brake type	Spring stored energy air cut brake
Assistant brake type	EVB

ELECTRICS

Circuit type	double, control positive pole
Voltage (V)	24
Generator power (kW)	2.0
Accumulator voltage / capacity(V/Ah)	2x12/180

EXTRAS

Trailer brakes ABS to rear	Included
Sunvisor, side skirts	Included
Retader	VR115CT



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BODY

Make	MTE
Sides	Hardox 5mm
Floor	Hardox 6mm
Front	Hardox 4mm
Rear	Hardox 4mm
Side height (mm)	1000
Length (mm)	5000
Internal width (mm)	2350
External width (mm)	2500
Capacity (m³)	11.5

HYDRAULICS

Pump	NZ Hydraulics
Pump Size (PSI)	2500
Cab controls	Tri cab controls
Oil tank	Stainless steel
Oil tank capacity (L)	150

HEADBOARD

Height (mm)	1000
Cover system	NZ Tarp - electric

LOAD ANCHORAGE

Ferry tie down points	Standard
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MUDGUARDS

Type	Pressed alloy half guards
Mud flaps	Sinotruk

TAILGATE

Type	Demo Door
Height (mm)	1000
Hinge	Top hinge only

LIGHTS

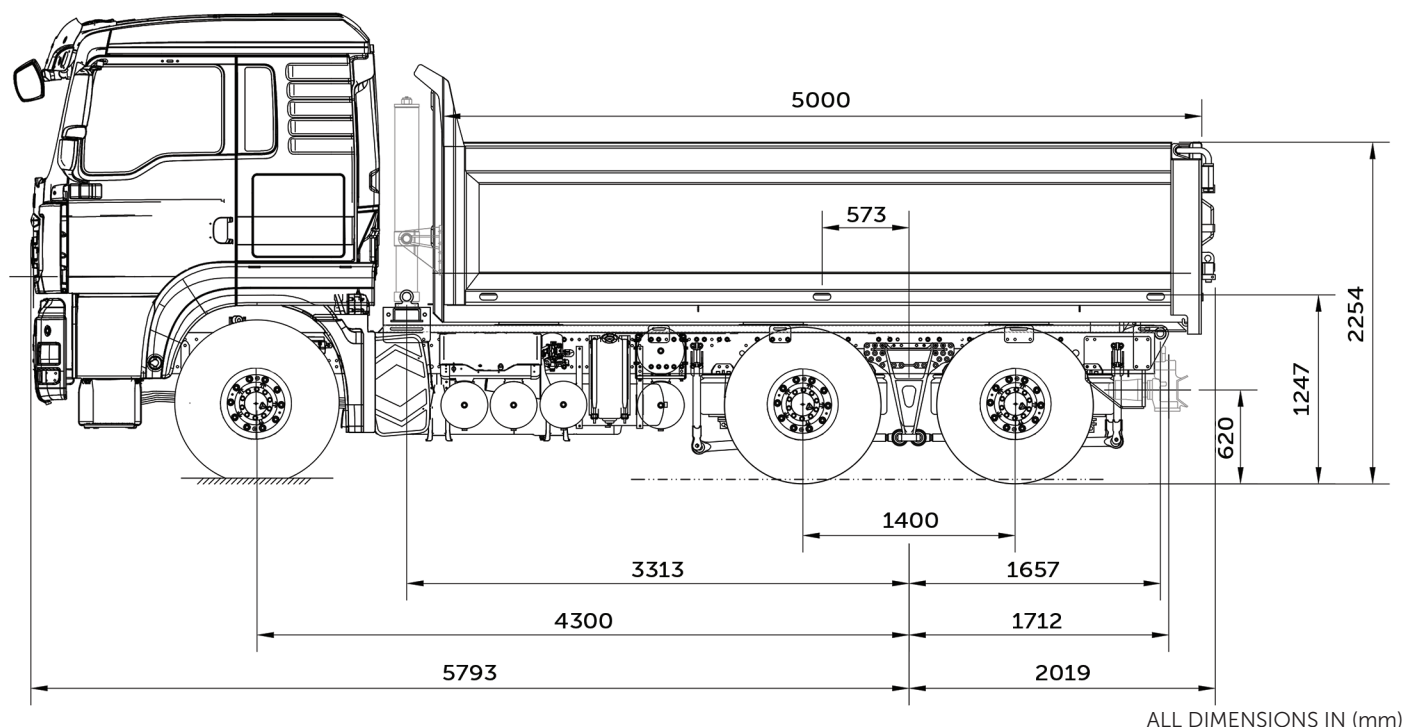
Type	Hella LED
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DRAWBEAM

Rating (kg)	35000
Coupling type	Ringfeder
Coupling size (mm)	50
Height from ground (mm)	600

AIR SYSTEM

Model	Tri-matic
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ALL DIMENSIONS IN (mm)