



**HOWO 7  
6X4 TIPPER**



**HOWO 7 6X4 & 8X4 TIPPER**

**HOWO 7  
8X4 TIPPER**



**SINOTRUK**

	<b>HOWO 7 6X4 TIPPER (GCM 25 TONS)</b>	<b>HOWO 7 8X4 TIPPER (GCM 31 TONS)</b>
Model code	ZZ3257V3847B1R	ZZ3317V3567B1R
<b>ENGINE</b>		
Make	WEICHA	WEICHA
Diesel	4 Stroke diesel engine (common-rail)	4 Stroke diesel engine (common-rail)
Engine model	WP12.400E201, Euro II emission standard 6 cylinder in-line with 4 valves, water cooling, turbo-charging & intercooling	WP12.400E201, Euro II emission standard 6 cylinder in-line with 4 valves, water cooling, turbo-charging & intercooling
Maximum output	400 hp (294 kW) at 1 900 rpm	400 hp (294 kW) at 1 900 rpm
Maximum torque	1 800 Nm at 1 000-1 400 rpm	1 800 Nm at 1 000-1 400 rpm
Displacement	11.596L	11.596L
Bore	126 mm	126 mm
Stroke	155 mm	155 mm
Compression ratio	17:1	17:1
Engine oil filling quantity	28 L	28 L
Fan	Rigid fan	Rigid fan
<b>CLUTCH</b>		
Type	Single-plate dry diaphragm spring clutch	Single-plate dry diaphragm spring clutch
Diameter	430 mm	430 mm
Operation	Hydraulically operating with air assistance	Hydraulically operating with air assistance
<b>TRANSMISSION</b>		
Make	HW19710	HW19710
Ratio	10 Forward and 2 reverse	10 Forward and 2 reverse
<b>PROPELLER SHAFT</b>		
Type	Double universal joint propeller shaft with gear-shaped coupling flange	Double universal joint propeller shaft with gear-shaped coupling flange
<b>AXLES</b>		
Front	Rigid stud axle with double T-cross section	Rigid stud axle with double T-cross section
Rear	Casted axle housing, central single reduction with planetary wheel reduction (hub reduction) and differential locks between wheels and axles	Casted axle housing, central single reduction with planetary wheel reduction (hub reduction) and differential locks between wheels and axles
Ratio	5.73	5.92/5.26
<b>CHASSIS</b>		
Frame	U-profile parallel ladder with section of 300×80×(8+8) mm, all cold riveted cross members	U-profile parallel ladder with section of 300×80×(8+8) mm, all cold riveted cross members
Front suspension	10 Semi-elliptic leaf springs with hydraulic telescopic double-action shock absorbers and stabilizer	11 Semi-elliptic leaf springs with hydraulic telescopic double-action shock absorbers and stabilizer
Rear suspension	12 Semi-elliptic leaf springs with bogie spring and stabilizer	12 Semi-elliptic leaf springs with bogie spring and stabilizer
Spare wheel carrier	With one spare tire	With one spare tire
Fuel tank	With one 300 L fuel tank with locking fuel cap	With one 400 L fuel tank with locking fuel cap
<b>STEERING</b>		
Hydraulic steering	BOSCH8098, hydraulic steering with power assistance	ZF8098, hydraulic steering with power assistance
<b>BRAKES</b>		
Service brake	Dual circuit compressed air brake	Dual circuit compressed air brake
Parking Brake (emergency brake)	Spring energy, compressed air operating on rear wheels	Spring energy, compressed air operating on rear wheels
Auxiliary brake	Engine exhaust brake	Engine exhaust brake
<b>TYRES</b>		
Tyres	12.00R20, Tube 11 pieces	12.00R20, Tube 13 pieces
<b>DRIVER'S CAB</b>		
Features	Standard cab, all steel forward control, 55° hydraulically tiltable to the front, 2-arm windscreen wiper system with 3 speeds, laminate windscreen, with casted-in radio aerial, hydraulically damped adjustable driver's seat and rigid adjustable co-driver's seat, heating & ventilation system, adjustable roof flap, with stereo radio/cassette recorder, sun visor, and adjustable steering wheel, air horn, without berth with 4-point support fully floating suspension and shock absorber with transverse stabilizer, air conditioner, safety belt.	Standard cab, all steel forward control, 55° hydraulically tiltable to the front, 2-arm windscreen wiper system with 3 speeds, laminate windscreen, with casted-in radio aerial, hydraulically damped adjustable driver's seat and rigid adjustable co-driver's seat, heating & ventilation system, adjustable roof flap, with stereo radio/cassette recorder, sun visor, and adjustable steering wheel, air horn, without berth with 4-point support fully floating suspension and shock absorber with transverse stabilizer, air conditioner, safety belt.
<b>ELECTRICS</b>		
Operating voltage	24V, negative grounded; Starter: 24V, 5.4KW	24V, negative grounded; Starter: 24V, 5.4KW
Alternator	3-phase, 28V, 70A; Batteries: 2×12, 165Ah	3-phase, 28V, 70A; Batteries: 2×12, 165Ah
<b>DIMENSIONS IN MM</b>		
Wheel base	3 825 + 1 350	1 800 + 3 500 + 1 350
Front wheel track	2 022	2 022
Rear wheel track	1 830	1 830
Front overhang	1 500	1 550
Rear overhang	1 870	1 760
Approach angle(°)	19	20
Departure angle(°)	23	21
Overall Dimension	8 545 × 2 540 × 3 310	10 220 × 2 540 × 3 340
Cargo body size	5 600 × 2 300 × 1 500	7 000 × 2 300 × 1 500
<b>WEIGHT IN KG</b>		
Permissible loading capacity on chassis	12 600	15 390
Dead weight	12 400	15 480
Gross vehicle weight	25 000	31 000
Front axle loading capacity	9 000	9 000 x 2
Rear axle loading capacity	16 000 x 2	16 000 x 2
<b>PERFORMANCE</b>		
Maximum driving speed (km/h)	75	75
Maximum gradeability (%)	39	39
Minimum turning circle (m)	18	23.2
Fuel consumption (L/100km)	45	48