

# F2000 Dump Truck Technical Specification



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Model	SX3254DT384	SX3315DT366
Drive type	6×4	8×4
<b>Weight</b>		
Complete kerb mass (kg)	14500	15300
GVW (kg)	32500	39000
<b>Dimensions</b>		
Max. length (mm)	8329	10335
Max. width (mm)	2490	2490
Max. height(mm)	3450	3450
Front / Rear overhang (mm)	1525/1654	1525/2060
Wheel base(mm)	3800+1350	1800+3600+1350
Track width(mm)	2036/1850	2036/1850
<b>Performance</b>		
Max. speed (km/h)	74	80
Min. turning circle(m)	17	24
Min. ground clearance(mm)	314	314
Approach / Departure angle(°)	22/30	22/33
Max. gradeability(%)	33	32
<b>Engine</b>		
Brand	WEI CHAI	WEI CHAI
Model	WD12.375	WP12.375N
Power(kw/HP)	276/375	276/375
Max.Torque (N.m )/rpm	1500/1200-1600	1800/1000-1400
Displacement (L)	11.596	11.596
Emission Standards	Euro II	Euro III
<b>Transmission</b>		
Brand	FAST	FAST
Model	RT-11509C	9JS180A
Control type	manual	manual
Gear Shift	9-forward and 1 reverse speeds	9-forward and 1 reverse speeds
<b>Clutch</b>		
Type	Spring plate, diaphragm spring	Spring plate, diaphragm spring
Diameter (mm)	φ430	φ430
Action	mechanical type, hydraulic and pneumatic operation	mechanical type, hydraulic and pneumatic operation
<b>Brakes</b>		
Type	Drum	Drum
Service brake	With dual-circuit compressed air brake	With dual-circuit compressed air brake
Park brake	Power spring brake acting on rear wheel	Power spring brake acting on rear wheel
Auxiliary brake	WEVB	WEVB
Option	ABS	ABS

<b>Steering</b>		
Type	Integral circulating ball power steering	Integral circulating ball power steering
Option	ZF8098	ZF8098
<b>Chassis</b>		
Type	Ladder structure with parallel straight	Ladder structure with parallel straight
Dimensions (mm)	300×80× (8+7)	300×80× (8+7)
<b>Suspension</b>		
Front Suspension	Longitudinal leaf spring	Longitudinal leaf spring
Rear Suspension	Inverted leaf spring stabilization suspension	Inverted leaf spring stabilization suspension
<b>Axles</b>		
Brand	HANDE	HANDE
Front axle	7500kg	6500kg+6500kg
	13000kg(each other)	13000kg(each other)
Rear axle	Double reduction driving axle with inter-wheel differential and differential lock.	Double reduction driving axle with inter-wheel differential and differential lock.
Ratio	5.73(Option 4.8)	5.73(Option 4.8)
<b>Tyres</b>		
Type (Standard)	11.00-20	11.00-20
Option	12.00R20/12.00-20/11.00R20/12R22.5	12.00R20/12.00-20/11.00R20/12R22.5
<b>E-Space</b>		
Tank capacity (L)	380	380
Material	Metal	Metal
<b>Electrics</b>		
Type	24V	24V
Starter	5.58kw (24V)	6.2kw (24V)
Generator	1.54kw (28V 55A)	2.2kw (28V 80A)
Battery	2x135Ah	2x135Ah
<b>Cab</b>		
Type	MAN Designed F2000, Mid-lengthened flat roof	MAN Designed DELONG, mid-lengthened flat roof
	2 rear window, mechanical clerestory, hydraulic suspension cab, hydraulic chair with seatbelts, one sleeping bed, hydraulic reversal cab, with USB, abled play radio with MP3 format	2 rear window, mechanical clerestory, hydraulic suspension cab, hydraulic chair with seatbelts, one sleeping bed, hydraulic reversal cab, with USB, abled play radio with MP3 format
Equipments	electric windows, electricity heated rear-view mirror, CD, Tachograph; 2 point air suspension driver seat with handle and seatbelts, electricity reversal cab	electric windows, electricity heated rear-view mirror, CD, Tachograph; 2 point air suspension driver seat with handle and seatbelts, electricity reversal cab
Option		
<b>Other</b>		
Platform dimensions(mm)	5600x2300x1100	7400x2300x1100