

# F2000 Tractor Truck Technical Specification



Model	SX4184JV351	SX4255NX294
Drive type	4X2	6X4
<b>Weight</b>		
Complete kerb mass (kg)	7200	9100
GVW (kg)	20000	29100
GCW (kg)	40000	60000
<b>Dimensions</b>		
Max. length (mm)	6135	6600
Max. width (mm)	2490	2490
Max. height(mm)	3210	3625
Front / Rear overhang (mm)	1525/1110	1525/800
Wheel base(mm)	3500	2925+1350
Track width (mm)	2036/1800	2036/1800
<b>Performance</b>		
Max. speed (km/h)	113	98
Min. turning circle(m)	13.7	13.75
Min. ground clearance(mm)	314	314
Approach / Departure angle(°)	20/44	20/66
Max. gradeability(%)	34	35
<b>Engine</b>		
Brand	WEI CHAI	WEI CHAI
Model	WD12.420	WP12.430N
Power(kw/HP)	309/420	316/430
Max.Torque (N.m )/rpm	1750/1300-1600	2060/1000-1400
Displacement (L)	11.596	11.596
Emission Standards	Euro II	Euro III
<b>Transmission</b>		
Brand	FAST	FAST
Model	12JS180T	12JS200TA
Control type	manual	manual
Gear Shift	12-forward and 2 reverse speeds	12-forward and 2 reverse speeds
<b>Clutch</b>		
Type	Single plate, diaphragm spring	Single 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

Steering		
Type	Integral circulating ball power steering	Integral circulating ball power steering
Option	ZF8098	ZF8098
Chassis		
Type	Ladder structure with parallel straight	Ladder structure with parallel straight
Dimensions (mm)	243x80x (8+5)	243x80x (8+5)
Suspension		
Front Suspension	Longitudinal leaf spring	Longitudinal leaf spring
Rear Suspension	Inverted leaf spring stabilization suspension	Inverted leaf spring stabilization suspension
Axles		
Brand	HANDE	HANDE
Front axle	7500kg 13000kg(each other)	7500kg 13000kg(each other)
Rear axle	Double reduction driving axle with inter-wheel differential and differential lock. 4.8 (Option 4.42)	Double reduction driving axle with inter-wheel differential and differential lock. 4.8 (Option 4.42)
Ratio		
Tyres		
Type (Standard)	12.00-20	12.00-20
Option	12.00R20/11.00-20/11.00R20/12R22.5, 315/80R22.5	12.00R20/11.00-20/11.00R20/12R22.5, 315/80R22.5
Fueltank		
Tank capacity (L)	380	380
Material	Metal	Metal
Electrics		
Type	24V	24V
Starter	5.58kw (24V)	6.2kw (24V)
Generator	1.54kw (28V 55A)	2.2kw (28V 80A)
Battery	2x135Ah	2x135Ah
Cab		
Type	MAN F2000, Lengthened flat roof 2 rear window, mechanical clerestory, hydraulic suspension cab, hydraulic chair with seatbelts, one sleeping bed hydraulic reversal cab, with USB, can play radio with MP3 format	MAN F2000, Lengthened flat roof 2 rear window, mechanical clerestory, hydraulic suspension cab, hydraulic chair with seatbelts, one sleeping bed hydraulic reversal cab, with USB, can play radio with MP3 format
Equipments	electric windows, electricity heated rear-view windows, CD, rear-view mirror, Tachograph 4 point air suspension A/C, air suspension driver seat with handle and seatbelts, electricity reversal cab	electric windows, electricity heated rear-view windows, CD, rear-view mirror, Tachograph 4 point air suspension A/C, air suspension driver seat with handle and seatbelts, electricity reversal cab
Option		
Others		
The fifth wheel	2 inch	2 inch
Saddle ground clearance (mm)	1400	1400