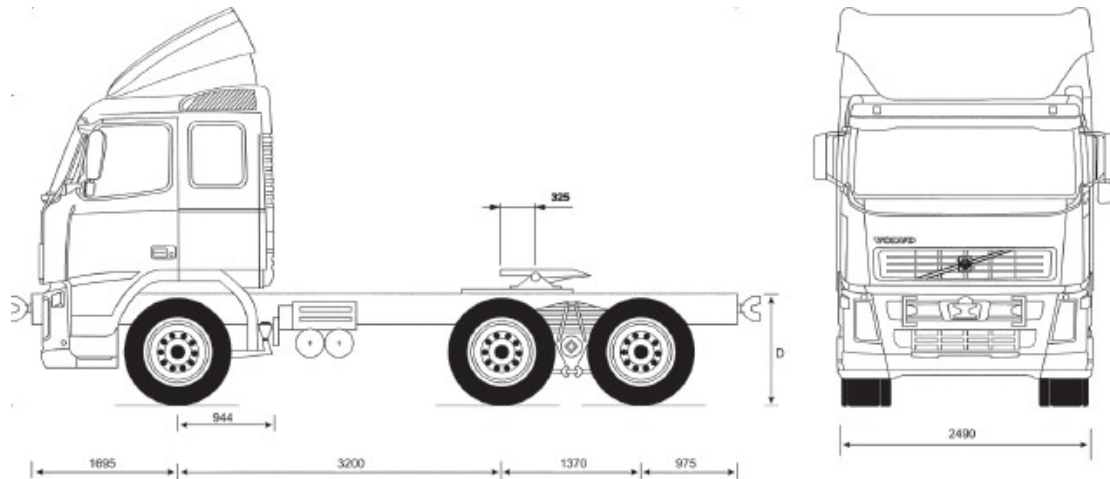


**EQUIPMENT DATA SHEET – VOLVO FH 520 PULLER – 18 Nos.**

**KEY FEATURES OF VOLVO FH 520 PULLER 3885/CAB**

Engine Displacement	12800 cc
Off-road Gradeability	15 %
Gross Vehicle Weight (GVW)	200000 Kgs
Maximum Power	520bhp @ 1500-1800rpm
Maximum Speed	58 km/h
Axle Configuration	6x4





### Dimensions, mm

#### Tractor

A, Wheel base	3885
B, Chassis length (excluding tow hook projections)	7240
Chassis width	2534
Front overhang	1695
Rear overhang	975
Front track	2028
Rear track	1835
Minimum Ground Clearance	306
Turning circle diameter	13600
Width over side members	850
C, Height, ground-to-cabin airduct (unladen)	3325
D, Frame height from ground above bogie axle (unladen)	1140

### Unladen weight, kg

#### Tractor

Chassis weight, front	5280
Chassis weight, bogie	4715
Chassis weight, total	9995

### Laden weight, kg

#### Tractor

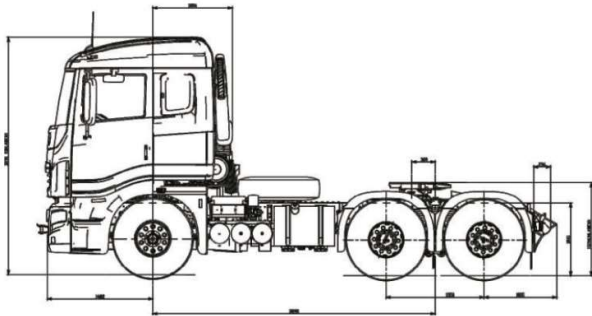
Front axle	6000 (8000*)
Rear axle	19000(32000*)
Gross combination weight	

### Specifications

#### Engine D13A 520

Six-cylinder, in-line direct-injection diesel engine	
Four Valves per Cylinder	
Camshaft driven vertically installed unit injectors	
Electronically regulated fuel injection	
Turbocharger and intercooler	
Exhaust Pressure Governor	
Volvo Engine Brake (VEB)	
Engine Management System for driving information and diagnosis	
Oil cooler	
Extra fuel filter and water separator	
Displacement	12.8 litres
Bore x stroke	131 mm x 158 mm
Compression ratio	18.1:1
Max. power	520 HP (382 kW)@ 1500 - 1800 rpm
Max. torque	2500 Nm @ 1050 - 1450 rpm
Economy speed range	1050 - 1600 rpm
Cooling system capacity	38 litres
Oil capacity	33 litres
Emissions	BS III / Euro 3
Emission requirements conform to ECE/EEC regulations and MOST/CMVR/TAP 115/116	

## EQUIPMENT DATA SHEET – TATA Prima 4928 Pullers – 40 Nos.



All dimensions in mm



Engine	
Model	Cummins ISBe 270 BSIII
Type	Water-cooled Direct Injection Turbo-charged, After-cooled Diesel Engine; 6 Inline
Other Details	Bore / Stroke: 107 mm x 124 mm Firing Order: 1-5-3-6-2-4 Air Filter: Dry type remote mounted Oil Filter: Full flow spin on paper type Fuel Filter: Pre and fine filtration with Water Separator
Volume	6700 cc
Power	267 HP @ 2500 rpm
Torque	970 Nm @ 1200-1700 rpm
FIP	HPCR
Cabin & Steering System	
Type	Fully Floating Sleeper Cabin with Pneumatically Suspended Seat Hydraulic Tilt Type - Electronic Control
Steering	Tilt and Telescopic Adjustable Stg. Wheel Dia 470 mm Integral Hydraulic Power-assisted, Ratio: 24.2
Instrument Cluster	Digital with Fuel Mileage Indicator
AC	Yes
Tyres	
Tyres	11R20-16PR
Fuel Tank (ltrs)	
Fuel Tank	370 (+ opt 260)
Performance	
Max. Geared Speed in Top Gear (kmph)	77
Max. Gradeability in Crawler Gear	25%
Telematics / GPS Tracking	
Telematics unit as standard fitment	

Dimensions (mm)	
Overall Width	2585
Overall Length	6968
Wheelbase	3890
Front Overhang	1482
Turning Circle Diameter	14220
Weight (kg)	
Unladen Weight	9140/9430
Max. GCW	49000
Max. FAW	6000
Max. RAW	19000
Gearbox & Clutch	
Model	ZF 9S1110-TD Synchromesh on all forward speeds, Constant mesh on reverse
Speed	8F+1 Cr+1R
Gear Ratios	Crawler - 12.73 1st - 8.83, 2nd - 6.28 3rd - 4.64, 4th - 3.48, 5th - 2.54 6th - 1.81, 7th - 1.34 8th - 1.0, Rev - 12.04
Clutch Type	Single Disc, Dry Friction Type
Clutch Dia	430 mm Push Type, Area - 1984 sq cm
Rear Drive Axle	
Type	Tata HRT 210 Hub Reduction Axle, Fully Floating
Axle Ratio	6.492
Chassis & Suspension	
Size	286 x 90 x 7
Type	Fully reinforced
Front Suspension	Parabolic Leaf 90 mm Width
Rear Suspension	Inverted Bogie Suspension
Brake	
Type	Full Air S - Cam Dual Circuit with ABS