

Asia MotorWorks Ltd.

AMW 2516 - 5250 WB 6 x 2 HAULAGE

CHASSIS NOMINAL DIMENSIONS - Unladen (mm)

A) Wheel Base	: 5250
B) Front Overhang	: 1385
C) Rear Overhang	: 2850
D) Overall Length	: 9485
E) Overall Height (Cab)	: 2725
F) Overall Width (Cab)	: 2475
G) Overall Width (Rear Tyres)	: 2494
H) Wheel Track - Front	: 2020
J) Wheel Track - Rear	: 1856
K) Front Axle to Back of Cabin	: 760
L) Approach Angle	: 21°
M) Departure Angle	: 11°
N) Min Ground Clearance - Front	: 280
O) Min Ground Clearance - Rear	: 274
P) Frame Width	: 864

WEIGHTS (Kgs)

	Unladen Chassis	Laden (CMVR)
Front Axle	: 2950	6000
Rear Axle	: 3100	19000
Total	: 6050	25000

ENGINE

Model : CUMMINS - B5.9 15530 - BS III
 Type : DI - Turbo Charged after Cooled Diesel Engine
 No. of Cylinders : 6 inline
 Bore x Stroke : 102 x 120 mm
 Capacity : 5883 CC
 Max Power : 117 Kw (155 Bhp) @ 2500 Rpm
 Max Torque : 590 Nm @ 1500 Rpm
 Compression Ratio : 18.1:1
 Oil Sump Capacity : 15.4 Ltrs
 Air Filter : Dry type Remote Mounted
 Oil Filter : Full Flow Paper Type
 Fuel Filter : Single filter with water separator
 Fuel Injection Pump : Rotary FIP
 Fuel Tank : 400 Ltrs

CLUTCH

SETCO Ø 380 mm Single dry plate Coil type clutch
 Hydro pneumatically operated

GEAR BOX

Model: Eaton FS 6306 A Gear Box – Synchronesh
 Speed Ratios:
 I – 9.01, II – 5.27, III – 3.22, IV – 2.04
 V – 1.36, VI – 1.00, Reverse – 8.63

PROPELLER SHAFT

SPL-100 Series- Cross serrated flange GB to rear Axle
 No of shafts: 2 (Center Bearing Shaft & Drive Shaft)

REAR AXLE

Fully floating Rear Axles with Hypoid Bevel Gears for forward rear axle & heavy duty tubular trailing dummy axle. Ratio: 5.57

FRONT AXLE

Forged I Section – Reverse Elliot type

FRAME

All Steel, Ladder Type Bolted Cross members.
 Side Member: 256 x 75 x 7mm Channel

SUSPENSION

Front: Semi elliptical Parabolic springs.
 Span : 1680mm
 Rear : Bell crank springs Span: 1279mm

SHOCK ABSORBERS

Heavy duty, double acting hydraulic shock absorbers on front suspension.

STEERING

Integral Power Steering, with Double UJ. Ratio 20.4
 Adjustable Steering Wheel.
 Steering Wheel Dia: 475 mm

WHEELS & TYRES

Rims : B7.5 x 20 – 10 Bolts, Spigotted
 Tyres : Front : 10.00 X 20 – 16 PR - 2 Nos (Highway)
 Rear : 10.00 X 20 – 16 PR - 8 Nos (Lug)
 Spare : 10.00 X 20 – 16 PR - 1 No (Highway)

BRAKES

Service Brakes : Dual Circuit full Air
 Parking Brake : Spring actuated on Rear Axles
 Engine Exhaust brake: Butterfly type, provided

ELECTRICAL SYSTEM

System : 24 Volt (Negative Earth)
 Alternator : 45 A (75 A for A/C: optional)
 Battery : 2 x 12V x 130 Amp hr (20 hr rating)
 - A/C (Optional)

CABIN

Fully furnished, Tilttable Sleeper Cabin.
 A/C (Optional)

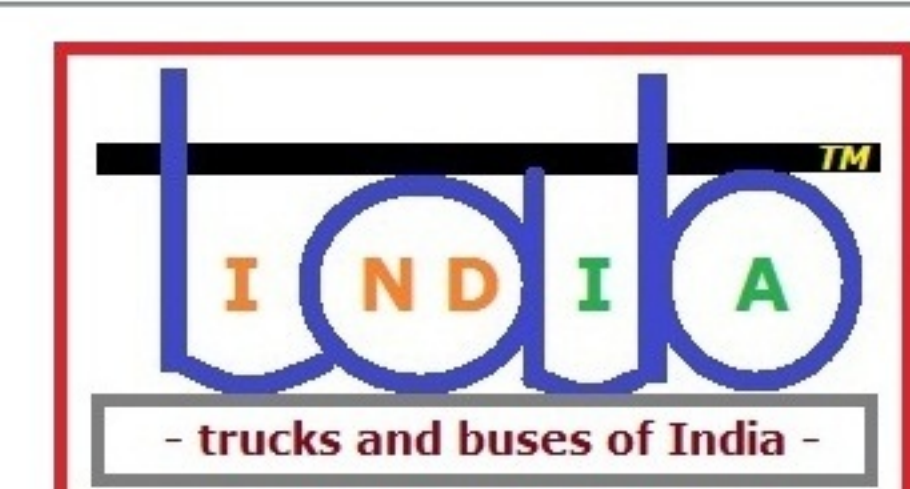
PERFORMANCE (@ 25000Kgs)

Max Speed - geared (KMPH) : 85.0
 Max. Gradeability (%) : 19.5 % Running
 Min. Turning Circle Diameter-mm : 19500

Technical Specifications are subject to change without notice



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