

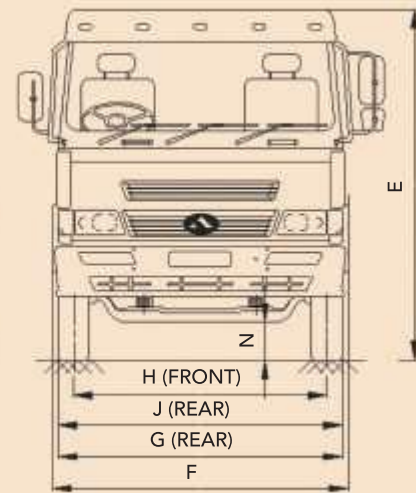
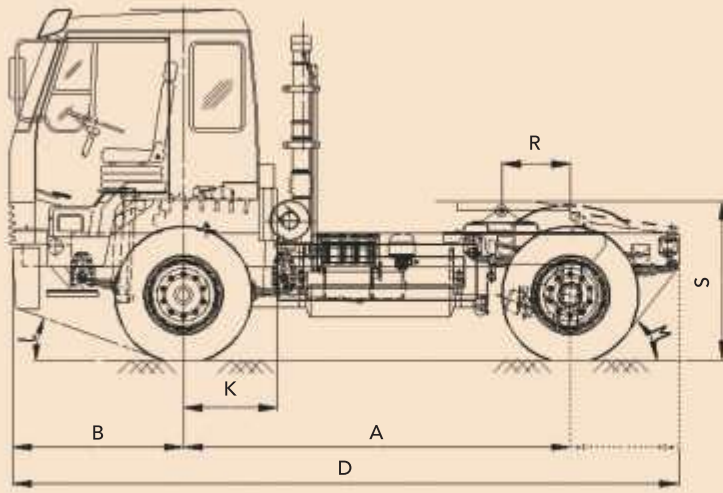


AMW

BUILT TO WIN

3518 TR





Asia MotorWorks Ltd.

AMW 3518 - 3100 WB 4 x 2 TRACTOR

CHASSIS NOMINAL DIMENSIONS - Unladen (mm)

A) Wheel Base	: 3100
B) Front Overhang	: 1350
C) Rear Overhang	: 870
D) Overall Length	: 2890
E) Overall Height (Cab)	: 2700
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	: 20°
M) Departure Angle	: 54°
N) Min Ground Clearance - Front	: 280
O) Min Ground Clearance - Rear	: 270
P) Frame Width	: 864
Q) King pin size	: 2"
R) King Pin Offset	: 550
S) Height of fifth wheel coupling from ground (Unladen)	: 1366

WEIGHTS (Kgs)

	Unladen	Laden (CMVR)
Front Axle	: 2980	6000
Rear Axle	: 2050	10200
Total	: 5030	35200*

* When coupled with the suitable tandem axle semi trailer

ENGINE

Model	: CUMMINS - B5.9 18031 - 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	: 132 KW (178 BHP) @ 2500 Rpm
Max Torque	: 675 Nm @ 1500 Rpm
Compression Ratio	: 18:01
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 Type
Fuel Tank	: 240 Ltrs

CLUTCH

SETCO, Single Dry Plate Coil Spring type, Hydro Pneumatically operated. Dia 380 mm

GEAR BOX

Model: Eaton ES 9306 SD 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

1710 HD Series-GB to rear Axle

REAR AXLE

Fully floating single speed hypoid gear
Ratio: 6.17 / 6.83 (optional)

FRONT AXLE

Forged "I" Beam – Reverse Elliot type

FRAME

HSLA Steel, Ladder Type Bolted Cross members.
Side Member: 256 x 75 x 7 mm Channel reinforced with inner channel section of 5 mm thick.

SUSPENSION

Front: Semi elliptical leaf springs with shock absorber.
Span : 1650 mm
Rear : Semi elliptical multi leaf spring with helper spring.
Span : 1600 mm

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 – 4 Nos (Lug)

BRAKES

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

ELECTRICAL SYSTEMS

System : 24 Volt (Negative Earth)
Alternator : 75 A for A/C
Battery : 2 x 12V x 120 Amp hr

CABIN

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

FIFTH WHEEL COUPLER

Pressed steel construction, with automatic wear adjuster.
King pin size : 2" dia

PERFORMANCE (@ 35,200Kgs)

Max Speed - geared (KMPH) : 77 (With 6.17 RAR)
Max Speed - geared (KMPH) : 70 (With 6.83 RAR)
Max. Gradeability (%) : 16.89 (With 6.17 RAR)
Max. Gradeability (%) : 18.90 (With 6.83 RAR)
Min. Turning Circle Radius-mm : 6350

Do not weld or drill chassis

Technical Specifications are subject to change without notice
Accessories shown are not part of the standard fitment



Asia MotorWorks Ltd., 7th Floor, Tower 1, Equinox Business Park (Peninsula Techno Park),
Off: Bandra Kurla Road, L.B.S Marg, Kurla (W), Mumbai - 400 070, India.
Tel: (91-22) 67101501 / 1502. Fax: (91-22) 67101504. www.amwasia.com