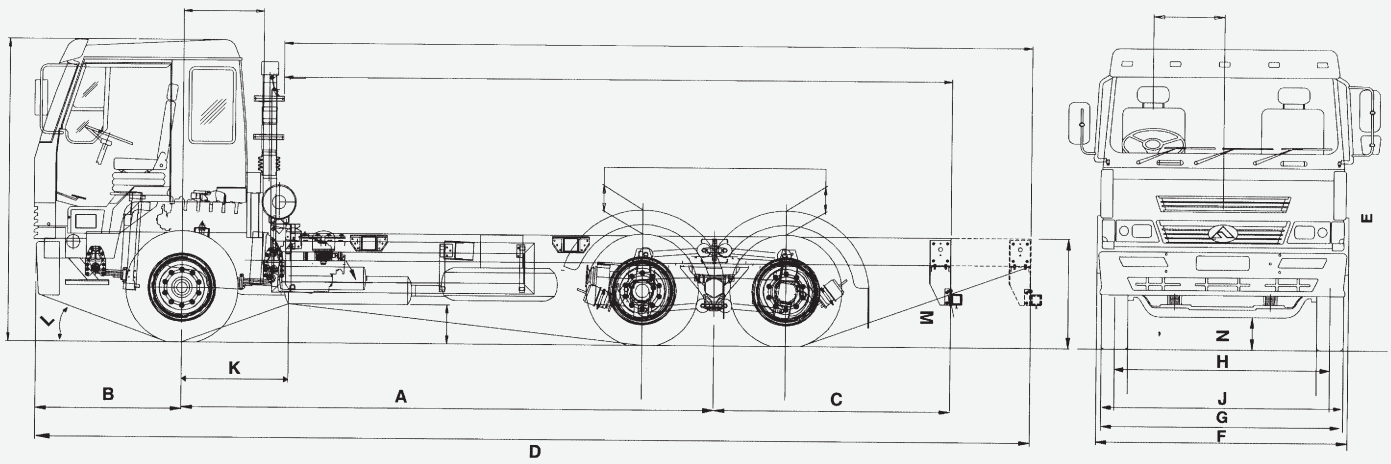




**2518 CP**





## Asia MotorWorks Ltd.

## 2518 CP - 5400 WB 6 x 4

### CHASSIS NOMINAL DIMENSIONS - Unladen (mm)

A)	Wheel Base	: 5400
B)	Front Overhang	: 1350
C)	Rear Overhang	: 2056*
D)	Overall Length	: 8806
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	: 19°
M)	Departure Angle	: 32.5°
N)	Min. Ground Clearance - Front	: 285
O)	Min. Ground Clearance - Rear	: 270
P)	Frame Width	: 864

\*FOR HAULAGE APPLICATIONS:  
CHASSIS LENGTH - 9486 MM  
REAR OVERHANG - 3186 MM

### WEIGHTS (Kgs)

	Unladen chassis	Laden (CMVR)
Front Axle	: 3130	6000
Rear Axle	: 4130	19000
Total	: 7260	25000

### ENGINE

Model : CUMMINS - B5.918031 - 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 : 675Nm @ 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 FIP  
Fuel Tank : 240 Ltrs

### CLUTCH

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

### GEARBOX

Model : Eaton 6306A - 6S  
Speed Ratios:  
I - 9.01, II - 5.27, III - 3.22, IV - 2.04,  
V - 1.36, VI - 1.00, Reverse - 8.36

### PROPELLER SHAFT

1710 Series: GB to Rear Axle, No. of shafts:2  
(Coupling shaft and Drive shaft), SPL90 Series - Inter axle

### REAR AXLE

Fully Floating Rear Axles with Hypoid Bevel Gears for forward rear axle & heavy duty tubular trailing dummy axle  
Ratio: 6.17:1

### FRONT AXLE

Forged "I" Beam - Reverse Elliot type

### FRAME

BSK 46 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 : Fully articulated inverted Semielliptical Leaf Springs on Tandem Bogie Triunion with Torque rods  
Span: 1350 mm

### SHOCK ABSORBERS

Heavy Duty, Double-Acting Hydraulic Shock Absorbers on Front Suspension - 2 nos.

### STEERING

Integral Power Steering, with Double UJ.  
Ratio 20.4:1  
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 Nos (Highway)

### BRAKES

Service Brake: Dual Circuit Full Air  
Parking Brake: Spring Actuated on Rear Axles  
Engine Exhaust Brake: Butterfly Type, Provided

### ELECTRICAL SYSTEM

System : 24 Volts (Negative Earth)  
Alternator : 75 Amps (A/C)  
Battery : 2 x 12v x 130 Amp hr (20 hr rating)

### CABIN

Fully furnished, Tiltable Sleeper Cabin, A/C

### PERFORMANCE (@ 31,000 Kgs)

Max. Speed - Geared (KMPH) : 78.00  
Max. Gradeability (%) Running : 26.2  
First gear (KMPH) : 26.2  
Min. Turning Circle Radius-mm : 11750

Do not weld or drill chassis  
Technical Specifications are subject to change without notice  
Accessories shown are not part of the standard fitment

