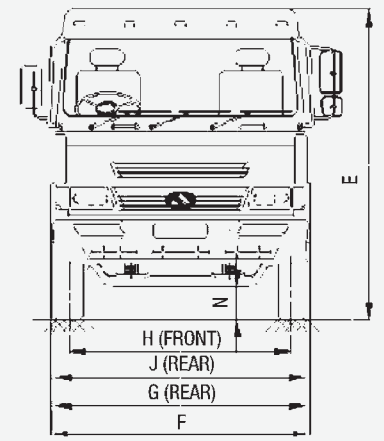
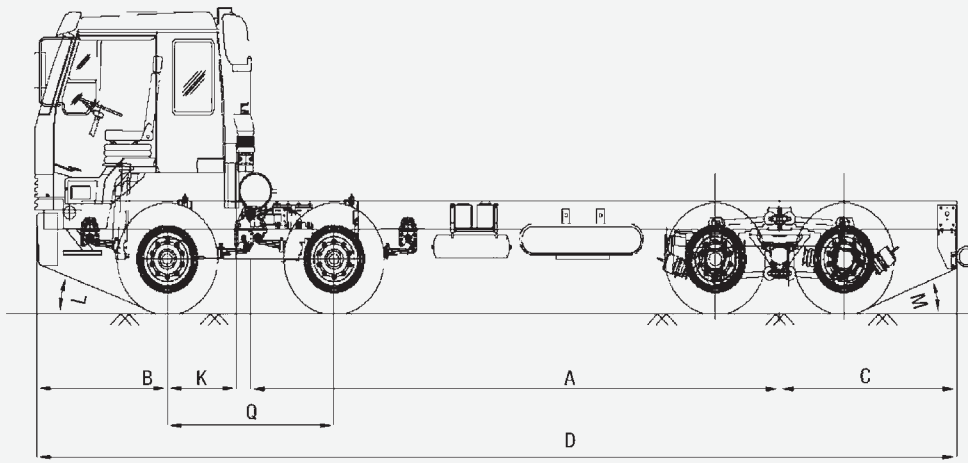


# 3118 HL





## Asia MotorWorks Ltd.

## 3118 - 5660 WB 8 x 2 HAULAGE

### CHASSIS NOMINAL DIMENSIONS - Unladen (mm)

A) Wheel Base	: 5660
B) Front Overhang	: 1295
C) Rear Overhang	: 1865
D) Overall Length	: 9860
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	: 17°
N) Min. Ground Clearance - Front	: 280
O) Min. Ground Clearance - Rear	: 270
P) Frame Width	: 864
Q) Distance between front axles	: 1750
R) Distance between front axles to rear of air intake bracket	: 1000

### WEIGHTS (Kgs)

	Unladen chassis	Laden (CMVR)
Front Axle	: 4730	12000
Rear Axle	: 3720	19000
Total	: 8450	31000

### ENGINE

Model : CUMMINS B5.9 180 31 - 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 - 8.63

### PROPELLER SHAFT

1710 Series: GB to Rear Axle, No. of Shaft: 3 (Coupling Shaft, Centre Bearing & 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 - 2 nos.

### FRAME

BSK 46 Steel, Ladder Type Bolted Cross members.  
 Side Member: 270 x 82 x 7 mm Channel

### SUSPENSION

Front: Semi Elliptical leaf springs  
 Span: 1650 mm & 1600 mm  
 Rear : Fully articulated inverted Semielliptical Leaf  
 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 23.2:1  
 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 - 4 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)  
 Wiper motor : Electrically operated with 3 blade wiping system

### CABIN

Fully furnished, Tilttable Sleeper Cabin A/C

### PERFORMANCE (@ 31,000 Kgs)

Max. Speed - Geared (KMPH) : 77.00  
 Max. Gradeability (%) Running : 21.00  
 Max. Gradeability Deg. : 9.1  
 First gear (KMPH) : 9.3  
 Min. Turning Circle Radius-mm : 22000

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

