

## Asia MotorWorks Ltd.

## 4018 - 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	: 5320
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	: 270
Min. Ground Clearance - Rear	: 280
O) Frame Width	: 864
P) King Pin Size	: 2"
Q) King Pin Offset	: 550
R) Height of Fifth Wheel Coupling from Ground	: 1330

### WEIGHTS (Kgs)

	Unladen chassis	Laden (CMVR)
Front Axle	: 3200	6000
Rear Axle	: 2235	10200
Total	: 5435	40200*

\* When coupled with suitable Three Axle Semi-Trailer

### 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 6209A - 9S  
 Speed Ratios: Low - 12.64  
 I - 8.81, II - 6.55, III - 4.77, IV - 3.55,  
 V - 2.48, VI - 1.85, VII - 1.34, VIII - 1.00,  
 Reverse - 13.21

### PROPELLER SHAFT

1710 Series: GB to Rear Axle, No. of Shaft: 1 (Drive Shaft) SPL90 Series - Inter axle

### REAR AXLE

Fully Floating Single Speed Hypoid Gear Ratio: 6.17

### FRONT AXLE

Forged "I" Beam - Reverse Elliot type

### FRAME

BSK 46 Steel, Ladder Type Bolted Cross members.  
 Side Member: 254 x 74 x 6 mm Channel Reinforced with inner channel section of 5mm thick

### SUSPENSION

Front: Semi Elliptical leaf springs with shock absorbers. Span : 1650 mm.

Rear : Fully articulated inverted Semielliptical Leaf Springs on Tandem Bogie Triunion with Torque rods Span: 1600 mm

### SHOCK ABSORBERS

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

### STEERING

Integral Power Steering, with Double UJ. Ratio 20.4:1  
 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 - 4 Nos (Lug)

### 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, Tilttable Sleeper Cabin A/C

### FIFTH WHEEL COUPLER

Pressed Steel Construction with Automatic Wear Adjuster King Pin Size: 2" Dia

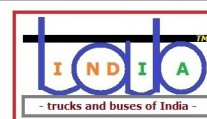
### PERFORMANCE (@ 40,200 Kgs)

Max. Speed - Geared (KMPH) : 53.8  
 Max. Gradeability (%) Running : 22.8  
 First gear : 15.6  
 Min. Turning Circle Radius-mm : 11250 (with Trailer Coupled)

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 (West), Mumbai - 400 070, India.  
 Tel: + (91-22) 67101501/ 02. Fax: + (91-22) 67101503/ 04



For more details & pricing,  
 please visit  
[www.tabindia.weebly.com](http://www.tabindia.weebly.com)