

BA10(4X4)ATT

AIRCRAFT TOWING TRACTOR

- To Push & Pull aircrafts weighing upto 75 tons at 3% gradient.
- BSIV CEV Compliance Engine
- Power shift Transmission
- Four wheel drive & steering
- EMI / EMC compliant as per MIL – STD – 461G
- Designed as per DGAQA / GSE-04 specification



Flywheel power (net)	: 133 HP @ 2300 rpm
Max. Torque (net)	: 475 Nm @ 1800 rpm
Max. Speed	: 25 Kmph
Turning Radius	: 4 mtr
Weight	: 10,300 Kg
Electrical System	: 24 V

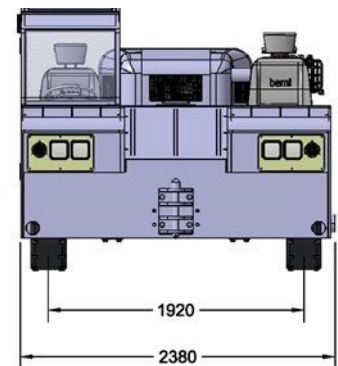
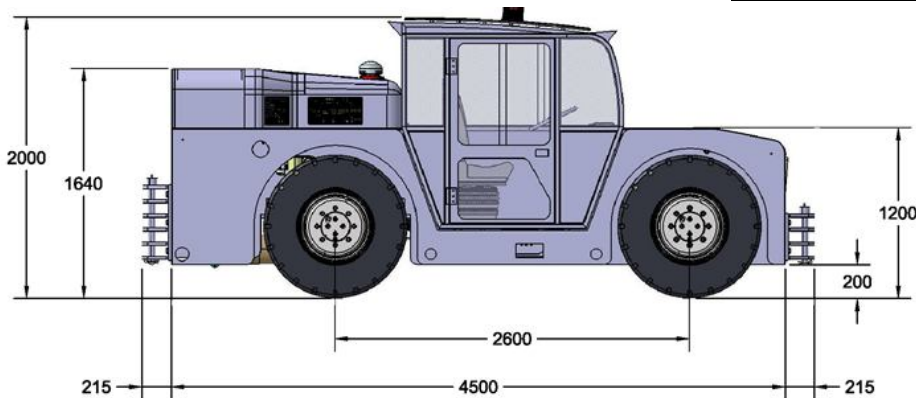
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Salient Features:

- Higher HP engine for sustained power
- All hydraulic system (Braking & Steering)
- Four modes of steering :
 - a) Front wheel
 - b) Rear wheel
 - c) Four wheel
 - d) Crab steering
- Emergency steering & braking system
- Operators cabin with 360 deg view
- Easy accessibility for maintenance & service
- Centralised digital gauge display
- Rear view camera
- Cold start system

SYSTEM REFILL CAPACITIES

Systems	Capacity (Litres)
Coolant	09
Fuel Tank	150
Engine	15
Transmission	32
Differential	9.5
Final drive (each side)	1.0
Hydraulic oil	45
Adblue (DEF)	20



ENGINE

Make	M/s ASHOK LEYLAND
Model	A2N64200/H6 - BSIV CEV
Type	Diesel, 4-Stroke, Water Cooled, Turbocharged, Direct Injection
Power	99 kW(133 hp) @ 2300 rpm
Max.Torque	475 Nm @ (1700 - 1900 rpm)
Displacement	5.76 l
Bore X Stroke	104x113 mm
No. of Cylinders	6, Inline
Electricals	
Alternator	24V, 55A
Starting Motor	24V, 4 kW
Battery	2X12V, 200Ah

TRANSMISSION

Make	M/s AVTEC
Type	TRT2221-1, Power shift Transmission
Travel Speed (kmph)	
Range	1st 2nd
Forward	9 25
Reverse	9 25
Max Drawbar pull	7800 Kg
Max.speed (kmph)	25

AXLES

Make M/s COMER Industries	
Front Axle	Rigidly mounted drive steer axle
Rear Axle	Leaf spring mounted drive steer axle
Parking Brake	SAHR type (only at rear axle)
Service Brake	Wet multiple disc type (at both axles)

STEERING

Type	Orbitrol, Full Hydraulic Steering System
Cylinders	
Type	Double acting
Quantity	1 No
Min. Turning Radius	4 m

WHEELS

Tyre	9.00X20 – 16PR (Tube Type)
Inflation pressure	95 PSI

STANDARD EQUIPMENT

Engine coolant temperature gauge, Engine oil pressure gauge, Transmission oil temperature gauge, Transmission oil pressure gauge, Fuel gauge, Adblue gauge, Ammeter, Headlights, Speedometer, Stop lamp, Turn signal lights, Rear view mirrors, Electric horn, Tool kit, Tachohour meter, Air pressure gauge, Back-up light, Back-up alarm, Cold start system, Front & Rear tow brackets, High beam indicator lamp, Voltmeter, Dust indicator, Filters clog indicators, VHF sockets at front, rear & inside cabin, Beacon lamp.