



AUMAN



AUMAN
460 6X4 AMT TRACTOR

	AUMAN 460
Drive Style	6x4
Steering Wheel Position	Right Hand
MASS	
Manufacturer's Gross Vehicle Mass (GVM)	33,500 kg
Manufacturer's Gross Combination Mass (GCM)	56,000 kg
Manufacturer's Front Axle Mass (GA Front)	7,500 kg
Manufacturer's Rear Axle Mass (GAU Rear)	26,000 kg
Permissible Gross Vehicle Mass (V)	25,500 kg
Permissible Gross Combination Mass (D/T)	56,000 kg
Permissible Front Axle Mass (A Front)	7,500 kg
Permissible Rear Axle Mass (A Rear)	18,000 kg
Unladen Front Axle Mass (T Front)	4,807 kg
Unladen Rear Axle Mass (T Rear)	4,293 kg
Unladen Mass Total (Tare)	9,100 kg
DIMENSIONS	
Overall Length (OL)	6,950 mm
Overall Width (OW)	2,490 mm
Overall Height (OH)	3,900 mm
Front Overhang (FOH)	1,450 mm
Rear Overhang (ROH)	800 mm
Wheelbase (WB)	3,300 mm + 1,350 mm
Cab to Rear Axle (CA)	4,750 mm
Minimum Turning Radius (TR)	7,700 mm
Minimum Turning Diameter (TD)	15,400 mm
Ground Clearance	290 mm
Track - Front	2,010 mm
Track - Rear	1,804 mm
Chassis Outer Width	780 mm
Chassis Inner Width	620 mm
CHASSIS	
Type	Straight Ladder Type — Riveted
Front Suspension	Parabolic Leaf Springs with Double Acting Shock Absorbers
Rear Suspension	Parabolic Leaf Springs with Auxilary Springs
FUEL TANK	
Number	1
Total Capacity	700 Litres, Right

PERFORMANCE	
Permissible Road Speed	80km/h
Gradeability at V	25%
ENGINE	
Make	CUMMINS
Model	ISGe3-460
Max Power- Kw@R/Min	343/460/1900
Max Torque-N.M @ R/Min	2100/1000-1500
Cylinder	6
Type	Water Cooled, 4-Stroke, DI, Intercooling
Capacity	11,800 cm³
TRANSMISSION	
Make	ZF TraXon
Model	12TX2421TD
Type	12 Speed AMT
Forward Ratios	i1-16.69, i2-12.92, i3-9.93, i4-7.67, i5-5.9, i6-4.57, i7-3.66, i8-2.83, i9-2.17, i10-1.68, i11-1.29, i12-1
Reverse Ratio	R1-15.54, R2-12.03
CLUTCH	
Diameter	430 mm
Type	Single Plate
Operation	Dry Type Diaphragm Spring
AXLE	
Front Axle	1-Beam section (Forged Steel)
Rear Axle	Full Floating- Single Reduction
Rear Axle Ratio	3.364
BRAKES	
System Type	Disc Brakes on Front Axle and Drum on Rear Axle
Auxiliary	Engine Brake + ZF Intarder
ABS + ESC	Yes
CAB	
Cab Control	Forward Tilt Cab
No. of Seats	2
ELECTRICAL SYSTEM	
System Voltage	24V
No. of Batteries	2 x 12V-180Ah
TYRE	
Tyre Size	315/80R22.5 20PR
Type	Radial

