

TRANStar



NAVISTAR

INTERNATIONAL® TRANSTAR® SPECIFICATIONS

PLATING DATA

- ▶ Manufacturer's front: GA 6,500 kg
- ▶ Manufacturer's rear: GAU 20,909 kg
- ▶ Manufacturer's: GVM 27,409 kg
- ▶ Manufacturer's: GCM 56,000 kg
- ▶ Permiss. front A: 6,500 kg
- ▶ Permiss. rear AU: 18,000 kg
- ▶ Permiss. vehicle V: 24,500 kg
- ▶ Permiss. com. D/T: 56,000 kg
- ▶ Power P/D: 298 kW

DIMENSIONS

- ▶ Wheelbase: Ext. Cab 4902 mm
- ▶ Cab/Axle (CA): Ext. Cab 2691 mm
- ▶ Bumper (BBC): Ext. Cab 3391 mm
- ▶ Front Overhang: 1180 mm
- ▶ AF: 1600 mm
- ▶ Turning Radius to Kerb: 8600 mm

ENGINE

- ▶ Make and Model: Cummins ISM electronic road speed governor with cruise control and Jacobs engine brake
- ▶ Type: 4-Cycle, In-line, Turbocharged and Intercooled
- ▶ No. of Cylinders: 6
- ▶ Bore/Stroke: 125 mm/147 mm
- ▶ Displacement: 10.83 litres
- ▶ Power (SAE): 298 kW @ 1,500 - 1,800 r/min
- ▶ Max. Torque: 1,966 Nm at 1,200 r/min

CLUTCH

- ▶ Make and Model: Eaton Fuller Solo Advantage EP 1552 Easy-Pedal adjustment free feature
- ▶ Type: Ceramic, Twin-Plate, Soft Clutch with 7-Spring Damper
- ▶ Diameter: 394 mm, 2305Nm Torque Capacity
- ▶ Action: Mechanical Pull-Type Control, with Hydraulic Air Assist

TRANSMISSION

- ▶ Make and Model: Eaton Fuller RTLO - 16918A - AS3, with pump and oil cooler
- ▶ No. forward gears: 18
- ▶ Type: Constant Mesh with Autoshift
- ▶ Ratios: low/top: 12.19/0.73
- ▶ Option: Eaton Fuller RTLO 16913 Manual Transmission

DRIVELINE

- ▶ Type: Main shaft: Spicer SPL 250
- Inter axle shaft: Spicer SPL 170

FRONT AXLE

- ▶ Make and Model: Meritor MFS 14-143 A
- ▶ Type: Reverse Elliot I Beam
- ▶ Capacity: 6,500 kg

REAR AXLE

- ▶ Make and Model: Meritor RT 46-160
- ▶ Type: Single Reduction Hypoid with Driver Controlled Diff Locks and traction control
- ▶ Capacity: 20,909 kg
- ▶ Ratio: 4.56:1

SUSPENSION

- ▶ Front – Parabolic Taper Leaf with Shock Absorbers Capacity: 6,500 kg
- ▶ Rear – Hendrickson HAS 460 - 55. 4 bag air suspension with "Z" spring and shockabsorbers
- ▶ Capacity: 20,909 kg

BRAKES

- ▶ Service: ECE 13 compliant dual circuit, full air.
- ▶ Brake chambers : type 24 front, 24-30 rear ABS braking system
- ▶ Brake size: Front: 420 mm x 127 mm , Rear: 420 mm x 178 mm
- ▶ Parking Brake: Spring Brake Actuators on rear axles
- ▶ Air Dryer: Bendix AD-IS

STEERING

- ▶ Make and Model: Sheppard M-100 Power Steering Gear
- ▶ Ratio: 18.9:1

CHASSIS

- ▶ Type: Heat Treated High Tensile Steel Channel 825 MPa
- ▶ Dimensions: 260.4 mm x 91.7 mm x 9.5 mm Partial inner "C" channel reinforcement at rear suspension
- ▶ Cross members: Pressed steel bolted

CAB

- ▶ Type: Conventional Galvanised Steel Sleeper Cab
- ▶ Windscreen: One Piece, Curved Glass, Bonded
- ▶ Seats: GRA-MAG AB75 Vinyl with cloth Insert air suspension driver and passenger seat with integral seat belts.
- ▶ Trim: Premium
- ▶ Suspension: Air with shock absorbers
- ▶ Air Conditioning: International Blend-Air with heater and defroster function

ELECTRICAL SYSTEM

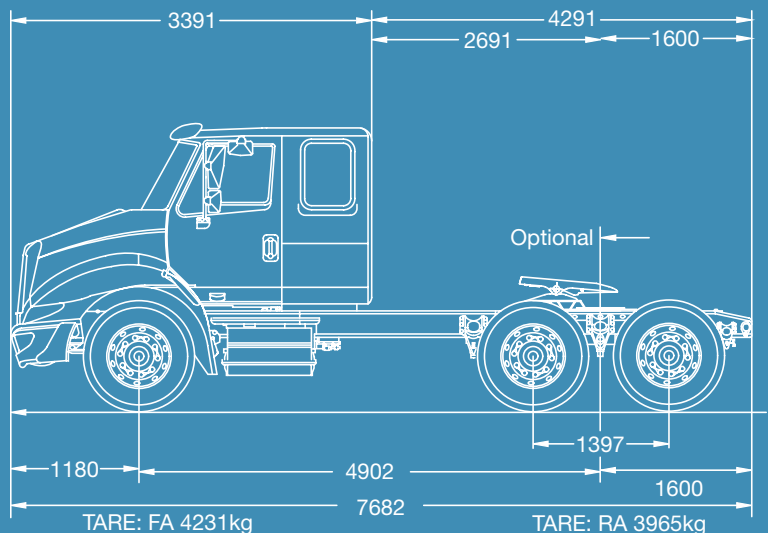
- ▶ System voltage: 12 volt
- ▶ Batteries: 4 X 12 volt 260CCA
- ▶ Starter: Mitsubishi starter motor
- ▶ Alternator: Bosch LH 160 alternator 12 volt, 160 amp
- ▶ Protection: Circuit Breakers Except 5A Fuses
- ▶ Hooters: Electric plus air horn
- ▶ Headlights: Projector low beam lights in bumper with H-9 high beam lights mounted in bonnet

FUEL TANKS

- ▶ Type: Dual round aluminum 610mm diameter
- ▶ Capacity: Right side: 1 X 454 litre
Left side: 1 X 303 litre

WHEELS/TYRES

- ▶ Rims: 22,5 x 9.00 DC, 335mm BC, Steel Painted 10 Stud
- ▶ Tyres: 315/80 R 22,5 Tubeless Radial



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