

9800i



NAVISTAR

INTERNATIONAL® 9800I SPECIFICATIONS

*AVAILABLE IN STANDARD (STD) OR LIGHT WEIGHT (LTW) OPTION

PLATING DATA

- ▶ Manufacturers front: GA 7,500 kg
- ▶ Manufacturers rear: GAU 20,909 kg
- ▶ Manufacturers: GVM 28,409 kg
- ▶ Manufacturers: GCM 71,000 kg
- ▶ Permiss. front A: 7,500 kg
- ▶ Permiss. rear AU: 18,000 kg
- ▶ Permiss. vehicle V: 25,500 kg
- ▶ Permiss. com. D/T: 71,000 kg
- ▶ Power P/D: 351 kW

DIMENSIONS

- ▶ Wheelbase: 3759 mm
- ▶ Cab/Axle: 2863 mm
- ▶ Bumper (BBC): 2286 mm
- ▶ Front Overhang (FOH) 1390 mm
- ▶ AF: 1600 mm
- ▶ Turning Radius to Kerb: 10,200 mm

ENGINE

- ▶ Make and Model: Cummins ISX engine plus electronic road speed governor with cruise control and Inte Brake
- ▶ Type: 4-cycle, in-line, turbo-intercooled
- ▶ No. of Cylinders: Six
- ▶ Bore/Stroke: 137 mm/169 mm
- ▶ Displacement: 14,946 litres
- ▶ Peak Power (SAE): in excess of 350 kW at 1,600 r/min
- ▶ Max. torque: 2,237 Nm at 1,100 to 1,500 r/min
- ▶ Radiator area: 6322 sq cm
- ▶ Intercooler area: 4515 sq cm
- ▶ Air filter: Dry type, dual element, radial seal with restriction indicator

CLUTCH

- ▶ Make and Model: Eaton-Fuller HD Solo Advantage 1552 Auto Adjust
- ▶ Type: Ceramic, driven twin plates, 7 spring
- ▶ Diameter: 394 mm
- ▶ Action: Mechanical pull type, air assisted clutch

TRANSMISSION

- ▶ Make and Model: Eaton-Fuller auto shift transmission RTLO-18918A-AS 3 with oil cooler
- ▶ No. of forward gears: 18
- ▶ Type: Constant-mesh
- ▶ Ratios low/top: 12.19/0.73:1
- ▶ Option: Eaton-Fuller RTLO-18913A manual transmission with oil cooler

DRIVE LINE

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

FRONT AXLE

- ▶ Make and Model: Meritor MFS-16-122A
- ▶ Type: Reverse Elliot I beam
- ▶ Capacity: 7,500 kg

REAR AXLE

- ▶ Make and Model: Meritor RT-46-160
- ▶ Type: Single reduction hypoid with driver controlled diff lock and traction control
- ▶ Capacity: 20,909 kg
- ▶ Ratio: 4,56:1 or options on special request

SUSPENSION

- ▶ Type: Front – parabolic-elliptic with shock absorbers
Rear – Hendrickson HAS -460 - 55. 4 bag air suspension with “Z” spring and shock absorbers
- ▶ 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: 420x152mm, Rear: 420x178 mm
- ▶ Parking brake: Spring-brake actuators on rear axles
- ▶ Air Dryer: Bendix AD-IS

STEERING

- ▶ Make and Model: Ross TAS-65 with additional gear on left hand side and tilting telescopic steering column
- ▶ Ratio: 20,4:1

CHASSIS

- ▶ Type: Heat treated high tensile steel channel 825 MPa
- ▶ Dimensions: 257mm x 89 mm x 7,9 mm
Full inner “C” channel reinforcement 241mm x 83 mm x 6.35 mm
- ▶ Cross members: Pressed steel/bolted

CAB

- ▶ Type: Latest generation aluminium Pro Sleeper Midroof cab with dual sleeper bunks
- ▶ Windscreen: Two-piece curved glass tinted
- ▶ Seats: Gra-Mag air suspension driver and passenger seats with integral seatbelts
- ▶ Trim: Deluxe high level grey
- ▶ Suspension: Cab Mate Air
- ▶ Air Conditioning: International Blend Air

ELECTRICAL SYSTEM

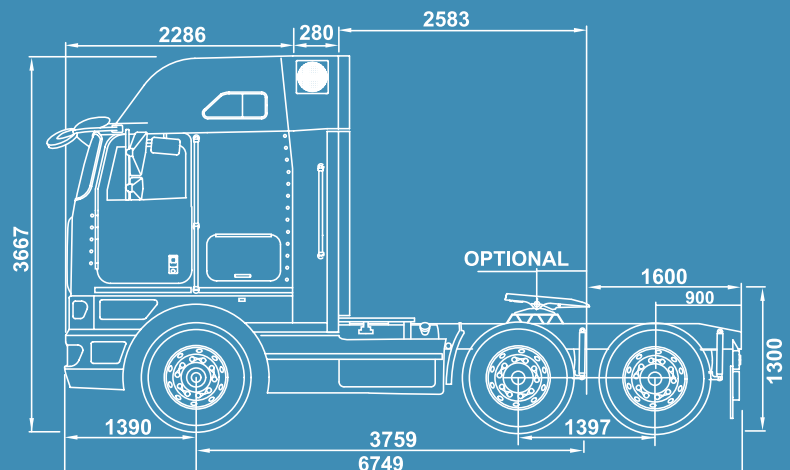
- ▶ System voltage: 12 volts
- ▶ Batteries: 4x102Ah per battery 2600 CCA capacity
- ▶ Starter: Delco-Remy 39MT with thermal over crank protection
- ▶ Alternator: Bosch LH 160, 160 amp
- ▶ Protection: Circuit breakers except instruments
- ▶ Hooters: Electric plus air horn
- ▶ Head lights: Rectangular H-4 halogen

FUEL TANKS

- ▶ Type: Aluminum – dual side mounted
- ▶ Capacity: Total 870 litres

WHEELS/TYRES

- ▶ Rims: STD 22,5 X 9.00 DC Steel rims Painted 10 stud
LTW 22.5 X 9.00 DC Aluminium rims 10 stud
- ▶ Tyres: 315/80 tubeless radial front and rear



* TARE: FA 5054kg MIDROOF STD TARE: RA 3592kg
* TARE: FA 4952kg MIDROOF LTW TARE: RA 3469kg

▶ Tare weight includes: 2 fuel tanks, 5th wheel

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