

**Day Cab, Dual Rear Wheel 4X2 80,000 GCWR, Diesel Engine, General Freight
Regional Haul Truck Tractor**

- CHASSIS
- 80,000 GCWR – GVWR 35050.
 - Wheelbase: 156.0, BBC: 113, CA: 93.2, Axle to Frame: 33.0
 - Heat Treated Alloy Steel (120,000 PSI Yield) Frame Rails.
 - Front Bumper, Full Width, 3-piece w/Chrome Overlay.
 - Tow Hooks, Front Frame Mounted (2)
 - Heat Treated Alloy Steel Frame Rails with Tapered Rear
 - Fuel Tanks (2), Non-Polished Aluminum, 80 gal. Minimum, 100 gal is preferred. Mounted Left & Right side under cab. With Locking Fuel Caps. Fuel Tank Straps, Bright Finish Stainless Steel.
 - DEF Tank Cover, Stainless Steel or Non-Corrosive Aluminum. with Locking Fill Cap
 - Deck Plate, Aluminum - 2 section, Flush Mounted
 - Mud Flap Holder/Brackets – Spring Loaded, Painted Black with 45-Degree end with Red/White Reflective Tape.
 - Mud Flaps – Black Poly, Anti Sail.
 - Quarter Fenders for Rear Wheels, Mirror-Finished Stainless Steel, and Frame Mounted.
 - Fifth Wheel, 24” Stationary, Holland, FW17-S803XL Cast Top Plate 7.21” above top of frame, Left Side Release.
 - Access, Frame Step, Aluminum, mounted left side with deck plate and grab handle.
 - Crossmember, Rear

- ENGINE
- Diesel- 12.4 Liter, EPA 2017, 450hp @ 1700 RPM, 1700 Torque, Governed Speed 72 mph. No Substitute.
 - Fan Clutch, Horton Drivemaster-Ultra Viscous, includes Nylon Fan.
 - Exhaust System, Single, Vertical Frame Mounted Right Side w/Vertical Turn back Type, Bright, Tail Pipe & Stainless Guard. For 13’3” height.
 - Compression Brake by Jacobs w/ on/off switch dash mounted.
 - Block Heater, Phillips, 120 volt, socket Receptacle type mounted below driver’s door.
 - To include:
 - Anti-Freeze, extended life coolant: -34 to -40 degrees
 - Cold starting equipment.
 - Heater Hoses, Silicone.
 - Cruise Control, Electronic, control integral to Steering Wheel
 - Engine Shutdown, Electric, Key Operated
 - Fuel Filter with Fuel/Water Separator w/ heater, Davco.
 - DEF Fluid Level Gauge.
 - Governor, Electronic
 - Oil Filter, Spin-On type

- Radiator, Aluminum 2-row Cross Flow w/tank Oil Cooler.
- Air Cleaner with Restriction Gauge, Air Cleaner Mounted.

TRANSMISSION - Eaton Fuller Advantage FAOM16810C-EA3 (No Substitute) Close Ratio, 10 speed Automated Manual.
Synthetic transmission fluid. Shift Control, Push-Button type.

FRONT AXLE - 12,350-lb Capacity (Meritor MFS-12-143A) (No Substitute)
- Front Suspension, Springs Parabolic Taper Leaf
with Heavy Duty Shock Absorbers
- Power Steering.

REAR AXLE - 23,000-lb Capacity. (Meritor RS-23-161) (No Substitute) Single Reduction, Ratio: 3.42
- Driver controlled Locking Differential.
- Air Ride Suspension with Heavy Duty Shock Absorbers.

BRAKES - System, Air, Dual for Tractor Application w/Electronic Stability Control. Brake lines to be color and size coded Nylon.
Glad Hands – One Service, One Emergency, Trailer hoses from Cab w/ Hose Tender Slide Bar with Double Spring Bracket, Bar to extend 4” from cab.
Drain Valves with pull chain or lanyard operated moisture ejectors.
Bendix AD-IS Air Dryer with IPC Heater, (No Substitute) Safety Valve and Purge Tank. Mounted inside left frame rail back of cab.
Automatic Slack Adjusters, both front and rear axles.
Bendix Antilock Brake System (ABS) w/Electronic Stability Program and Automatic Traction Control.
All Gauges will be located within the instrument cluster.
Parking brake control valves located on instrument panel.
Air Hand Control Valve w/self-return.
Front Brake Chambers to be Type 24 w/additional spring brakes for Air Disc.
Front Brakes to be Air Disc. 22.5 Dia.
Rear Brake Chambers to be Type 30 for Air Disc.
Rear Brakes to be Air Disc. 22.5 Dia.
Air Compressor, Bendix BA-921, 15.9 CFM w/Teflon/Stainless Steel line to air dryer.
Air Tanks to be mounted outside left rail.
Brake Package both front and rear to be Bendix/Spicer ADB22X Air Disc. (No Substitute)

ELECTRICAL 12 volt, Standard Equipment
Starting Motor, Delco Remy 39MT. (No Substitute)
Alternator, Delco Remy 36SI. 165 AMP. (No Substitute)

Battery System, BCI Group 31 Maintenance-Free, (3 or 4) 12 volt 2700+CCA. Jump Start Studs. Remote mounted. Battery Box Aluminum. Gauges for electrical system, oil pressure, water temperature, fuel, and Tachometer, ivory face w/chrome bezel.

Trailer Lighting Cable, Phillips Electracoil 15' for use with ABS.

Trailer Power Cable w/ single plugs to operate lift gate on trailer.

Fog Lights (2)

Stop, Turn, Tail, B/U, lights. Truck Lite brand with LED Lamps located At rear Crossmember.

Text Exterior Lights, Pre-Trip Inspection Cycle.

Headlight Warning Buzzer, Brake Warning Indicator Light and Alarm, Alarm Parking Brake.

Satellite Communication System – Qualcomm Omni vision MCP100T, Installation Package, less system, to include power cable, communication cable, keyboard cable and wiring and mounting brackets.

Collision Mitigation System, Bendix Wingman Fusion. (No Substitute) To include Adaptive Cruise Control w/Collision Mitigation. Stationary Braking and Object Alert, Lane Departure Warning. Excessive Speed Control, Distance Alerts, Impact Braking.

CAB

- Conventional w/tilting hood and fenders with assist. Bug Screen.
- Aerodynamic package, includes Roof air deflector and cab side extenders. And Sun visor. Paint and install at plant. Trailer height will be 12'6".
- Chrome Grille.
- Dual 7x16 Heated Mirrors, w/convex both sides, Power adjustment, 102" spacing, Breakaway style. Bright finish both mirrors and brackets.
- Mirror, Convex, Hood Mounted. Right and Left sides.
- Mirror, Look Down mounted right side. Bright finish.
- Cab Grab Handles both sides.
- Cruise Control
- Intermittent windshield wipers. w/automatic Headlights on
- Drivers seat, Air, High Back, Cloth, Right & Left side arm rest.
- Passenger seat, Non-suspension, high back 11Degree back angle, cloth, two Arm Rests.
- Power Windows, Power Door Locks
- Steering Column, Tilting and Telescoping.
- Interior Trim, Premium w/5" LCD Color Display.
- Integral Heater, Defroster, Air Conditioner.
- 3-point Lap, Shoulder Seat Belts. All positions. Bright Orange Color.
- Radio, AM/FM/CD/Bluetooth/USB/MP3 input w/ Stereo Speakers.
- CB Radio hook up, Header mounted w/ duel mirror mounted antennas.
- Horn, Air, frame mounted.
- Horn, City, Electric. (2) Disc Type.
- Back Up Alarm, Electric 102db.

- Headlights on with wipers.
- Headlights LED, with Park and Daytime Running lights.
- Test Exterior lights, Clearance/Marker lights LED.
- Body Company Electrical hook ups.
- Paint Color, Red Sikkens #2602 Single color.
- Tool Kit, Wheel Wrench and Handle only.
- Safety Triangles, mounted
- First Aid Kit, mounted
- Fire Extinguisher, 5#10BC, mounted

TIRES

- Front Steering - 275/80R22.5 Michelin X-Line Energy. 14 Ply, Load Range G.
(No Substitute)
- Wheels, Front 22.5 Polished Aluminum w/clear coat. 10 stud Hub Piloted
- Rear Drives, Michelin XDN2, 275/80R22.5. 14 Ply Load Range G. Lug type. (No Substitute)
- Wheels, Rear, Dual Disc 22.5 Polished Aluminum w/clear coat. 10 stud Hub Piloted.

WARRANTY

Standard manufacturers for Tractors.
 Service Contract, Ext After treatment to be 60-month/200,000 miles.
 Engine to be 60 month/200,000 miles. To Include Engine, Engine Electronics, Turbocharger, Water Pump, Fuel Injectors.
 After Treatment System – Extend to 60 month/200,000 miles

Install customer supplied “Big House” decal package. To be install on Truck Cab per customer drawings and photos.

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