

**Class 8, Type 1C, Day Cab, Dual Rear Wheel 6X4 80,000 GCWR, Diesel Engine,  
General Freight Regional Haul Truck Tractor**

**CHASSIS**

- 80,000 GCWR – GVWR 52350.
- Minimum Wheelbase: 177.0, BBC: 125, CA: 102, Axle to Frame: 53.0
- Heat Treated Alloy Steel (120,000 PSI Yield) Frame Rails.
- Front Bumper, Full Width, Chrome Plated Steel.
- 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
- Mud Flap Holder/Brackets – Spring Loaded, Painted Black with 45-Degree end with Red/White Reflective Tape.
- Mud Flaps – Black or white Poly, Anti Sail.
- Quarter Fenders for Rear Wheels, Mirror-Finished Stainless Steel, and Frame Mounted.
- Fifth Wheel, 24” Air Slide, Holland, FW35A724XL00 or equal. Cast Top Plate 6.75” above top of frame, Left Side Release.
- Access, Frame Step, Aluminum, mounted left side with deck plate and grab handle.
- Crossmember, Rear

**ENGINE**

- Diesel- Minimum requirements: 12 Liter, EPA 2017, 415 hp @ 1400-1700 RPM, 1650 Torque, Governed Speed 72 mph.
- Fan Clutch, Horton Drivemaster-Ultra Viscous or equal, includes Nylon Fan
- Exhaust System, Single, Vertical Frame Mounted Right Side w/Vertical Turnback Type, Bright, Tail Pipe & Stainless Guard. Minimum 13’ 3” height.
- Compression Brake by Jacobs, w/ on/off switch dash mounted.
- Block Heater, Phillips, 1500 watt, 115 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 if available from OEM
  - 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
  - Air Cleaner with Restriction Gauge, Air Cleaner Mounted.
- TRANSMISSION** - Eaton Fuller Advantage FAOM16810C-EA3 or Allison TC10 or equal.  
Close Ratio, 10 speed Automated Manual.  
Synthetic transmission fluid. Shift Control, Push-Button type.
- FRONT AXLE** - 12,000-lb Capacity Meritor MFS-12-143A or equal.  
- Front Suspension, Springs Parabolic Taper Leaf  
with Heavy Duty Shock Absorbers  
- Power Steering.
- REAR AXLE** - 40,000-lb Capacity. Meritor MT-40-14X-4CFR or equal. Ratio: 3.55  
- Driver controlled Locking Differential (Both Rears) & Power Divider.  
- 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 or equal Air Dryer with IPC Heater, 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 or  
equal 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 or equal, 15.9 CFM w/Teflon/Stainless  
Steel line to air dryer.  
Brake Package both front and rear to be Bendix/Spicer ADB22X Air Disc.  
or equal.
- ELECTRICAL** 12 volt, Standard Equipment  
Starting Motor, Delco Remy 39MT.  
Alternator, Delco Remy 36SI. 165 AMP.

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.

Two (2) LED Fog Lights

Stop, Turn, Tail, B/U, lights. Truck Lite or Grote brand with LED Lamps located at rear crossmember.

LED Trailer hook up light(s) mounted at the back of Cab

Text Exterior Lights, Pre-Trip Inspection Cycle.

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

Collision Mitigation System, Bendix Wingman Fusion.

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 painted Roof air deflector, cab side extenders and Sun visor. Paint and install at plant. Trailer height will be 13'6".
- Chrome Grille
- Dual 7x16 Heated Mirrors, w/convex both sides, Power adjustment, 102" spacing, Breakaway style or equal. 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, 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/ dual mirror mounted antennas or equal.
- Horn, Air, frame or under hood 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.
- Wheels, Front 22.5 Polished Aluminum w/outside clear coat or equal. 10 stud Hub Piloted
- Rear Drives, Michelin XDA, 275/80R22.5. 14 Ply Load Range G. Lug type.
- Wheels, Rear, Dual Disc 22.5 Polished Aluminum w/outside clear coat or equal. 10 stud Hub Piloted.

**WARRANTY**

Standard manufacturer's warranty for Tractors.

ADDITIONAL SPECIFIC WARRANTY ITEMS (Applies to heavy duty trucks only)

a. RUST PROOFING WARRANTY

Cabs/cowls shall be warranted for five (5) full years with no mileage or hourly limitations. This will include rusting through or perforation from within. This warranty and service program covers both labor and parts for the full warranty period. Surface rust caused by chip, scratches, or damage caused by employees is not covered by this warranty.

b. FRAME RAILS AND CROSSMEMBERS (Chassis)

For medium/heavy duty trucks, frame rails and cross members are warranted for five (5) full years with no mileage or hourly limitations. This warranty covers both parts and labor for the full warranty period. For light duty trucks and vans, the manufacturer's standard frame rail and crossmember warranty is acceptable.

c. SERVICE/UTILITY BODY AND ASSOCIATED COMPONENTS WARRANTY

Associated components such as cranes, air compressors, and snowplows shall be covered by manufacturer's standard warranty. Manufacturer's standard warranty shall be provided in written or electronic form.

d. ENGINE AND TRANSMISSION WARRANTY

The engines for all Heavy/Medium Duty equipment/vehicles will be warranted for parts and labor for five (5) years or 200,000 miles (whichever first occurs). The engine warranty will include all items named or included within the valve covers, cylinder heads, block, oil pan, electronics, turbocharger, water pump and fuel Injectors. The transmission (automatic/manual) will be fully covered by the warranty and service program for five (5) years and will not be limited by mileage or hours. Electronic fuel delivery components, electronic control modules and emission control components shall be covered for five (5) years or 100,000 miles whichever first occurs. After treatment Device/DPF shall be warranted for minimum 5 years or 100,000 miles. In addition to the engine warranty, the engine block shall be warranted against external perforation from corrosion for 10 years, 100% parts and labor.

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