

# IFB # 6100034146 Corrections Truck Tractor SPECS

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

### CHASSIS

- 80,000 GCWR – GVWR 52,000.
- Wheelbase. 175.0, CA: 103.35, 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. Mounted Left & Right side under cab. Locking Fuel Caps. Fuel Tank Straps, Bright Finish Stainless Steel.
- Locking DEF Tank Cover, Non Corrosive Aluminum or Stainless Steel.
- 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” Air Slide, Fontaine SL&LWB725024, Cast Top Plate 7.25” above top of frame, Left Side Release.
- Access, Frame Step, Aluminum, mounted left side with deck plate and grab handle.
- Crossmember, Rear

### ENGINE

- Diesel- 13 Liter, EPA 2010, 450hp @ 1700 lb.-ft. Torque, Governed Speed 75 mph.
- Fan Clutch, Horton Drivemaster-Ultra Viscous, includes Nylon Fan.
- Exhaust System, Single, Vertical Frame Mounted Right Side w/Vertical Turnback Type, Bright, Tail Pipe & Stainless Guard, 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 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.
  - DEF Fluid Level Gauge.
  - Governor, Electronic
  - Oil Filter, Spin-On type
  - Radiator, Aluminum 2-row Cross Flow w/tank Oil Cooler.

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- Air Cleaner with Restriction Gauge, Air Cleaner Mounted.
- TRANSMISSION - Allison Automatic 4000 Series or TC10 Series Synthetic transmission fluid. Shift Control, Push-Button type.
- FRONT AXLE - 12,350-lb Capacity (Hendrickson Steertek NXT)
  - Front Suspension, Springs Parabolic Taper Leaf 12,350 Lb. With Heavy Duty Shock Absorbers
  - Power Steering.
- REAR AXLE - 40,000-lb Capacity. (Meritor MT-40-14X-4CFR)
  - Driver controlled Locking Differential & 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 Air Dryer with AD-IS with Safety Valve and Purge Tank. Mounted inside left frame rail back of cab. Automatic Slack Adjusters, both front and rear axles. Antilock Brake System (ABS) All Gages will be located within the instrument cluster. Parking brake control valves located on instrument panel. Air Hand Control Valve. Front Brake Chambers to be Type 24. Front Brakes to be 16.5x5” S-Cam. Rear Brake Chambers to be Type 30. Rear Brakes to be 16.5x7 S-Cam. Air Compressor, Bendix BA-921, 15.9 CFM Dust Shields both Front and Rear. Air Tanks to be mounted under battery box.
- ELECTRICAL 12 volt, Standard Equipment Starting Motor, Delco Remy 39MT. Alternator, 160 amps. Battery System, BCI Group 31 Maintenance-Free, (4) 12 volt 3700CCA. 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.

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Satellite Communication System - Qualcomm IMCT, Installation Package, less system, to include power cable, communication cable, keyboard cable and wiring.

### CAB

- Conventional w/tilting hood and fenders.
- Aerodynamic package, includes Roof air deflector and cab side extenders and Sun visor. Paint and install at plant.
- 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, cloth.
- Power Windows, Wing Vent Window (2) moveable, Power Door Locks
- Steering Column, Tilting and Telescoping.
- Interior Trim, Premium.
- Integral Heater, Defroster, Air Conditioner.
- 3 point Lap, Shoulder Seat Belts. All positions.
- Radio, AM/FM/CD/Bluetooth/USB/MP3 input w/ Stereo Speakers.
- CB Radio hook up, Header mounted w/ dual mirror mounted antennas.
- Horn, Air, frame mounted.
- Horn, City, Electric.
- Back Up Alarm, Electric 102db.
- Headlights on with wipers.
- Test Exterior lights, Clearance/Marker lights LED.
- Body Company Electrical hook ups.
- Paint Color, Red Sikkens #2602 Single color or approved equal.
- Tool Kit, Wheel Wrench and Handle only.
- Safety Triangles, mounted
- First Aid Kit, mounted
- Fire Extinguisher, 5#10BC, mounted

### TIRES

- Front 295/75R22.5 14 ply, load range G, Steering. Goodyear G399A or equal
- Wheels, Front 22.5 Polished Aluminum w/clear coat. 10 stud Hub Piloted
- Rear 295/75R22.5 14 ply, load range G, Drive Lug style. Goodyear G572A or equal
- Wheels, Rear, Dual Disc 22.5 Polished Aluminum w/clear coat. 10 stud Hub Piloted.

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All lighting shall be LED.

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