

**KEOKUK COUNTY
SPECIFICATIONS
FOR
TANDEM AXLE TRUCK
60,000 GVW**

- 1.MODEL** 2022 (new) factory built, tandem axle truck.
- 2.ENGINE** 13 Liter electronic control inline 6-cylinder diesel
455 HP, 1760 LB / FT Torque minimum
Filter, engine oil, spin on throw away type.
Air filters – HD element, dry type, meeting diesel filtration requirements
With air controlled inside-outside air intake.
Water separator-filter, installed between fuel tank and fuel filters.
Fuel primer pump. (hand pump or electric)
Antifreeze –Extended Life Coolant, 34 degrees below zero.
Radiator – heavy duty w/over flow recovery system. (1296 sq.in. core area.) min.
Crankshaft Adapter (1350 series flange) for front hyd. Pump drive shaft.
Exhaust system, RH outboard under cab mounted horizontal ATD W/RH pipe
vertical stack with temperature guard running full height of cab.
Stainless Steel DPF / SCR cover.
6.6 gallon minimum DEF tank left side mounted.
Air compressor / Dryer Wabco (18.7 cfm) minimum.
Alternator – 130 amp. minimum.
Batteries – 3 / 12V / 2280 CCA minimum with Aluminum cover.
Block heater – 120 volt, 1000 watt. minimum.
Fan Drive – Electronic Modulating Viscous Engine Fan.
Throttle control – electronic cruise control.
Engine brake, with in cab controls, three positions.
Engine warning system with audible buzzer and lamp for high engine
temperature / low oil pressure.
- 3.CAB** Standard cab with full insulation, high level interior.
Glass, all tinted including full rear window.
Power windows right and left side
Mirrors – Power, Heated right and left side, Stainless steel west coast type.
Right and left side fold down sun visors.
Grab handles – right and left side cab.
Dual air horns with snow covers.
Floor Mat – Polyurethane with removable inserts.
Heavy duty deluxe fresh air heater, defroster and air conditioner with standard
plumbing water shut offs.

Gauges – oil pressure, temperature, volt meter, speedometer, tachometer and fuel gauge to be reading type. All gauges shall be dash mounted.
AM / FM Stereo with Blue Tooth for cell phone.
Factory mounted 40 channel CB Radio with antenna
Two speed electric windshield wipers and washers, with intermittent wipers.
High back cloth air ride seat with adjustable lumbar support and right side arm rest on driver's side, standard cloth seat on right side with tether type seat belts on both.
Tilt Steering wheel.
Self canceling turn signals.
Courtesy interior light group.
Outside marker lights and clearance lights.
Directional lights with FCC warning flashers.
Automatic resetting circuit breakers.
Tilt front hood and fenders.
Air ride cab mounts.
Color – standard factory Black.

4.CHASSIS

Hendrickson HMX 400 / 40,000 lbs. rear suspension or equivalent option with HD rear shock absorbers.
Meritor MT40-14X 40,000 lb. rear tandem axles or equivalent / with synthetic lubricant and magnetic drain plugs.
20,000 lbs. front axle / 20,000 front springs
Heavy duty front shock absorbers.
Power steering – integral type, dual steering gears.
Heavy duty front bumper with frame mounted tow hooks.
20" integral front frame extension for Hyd. pump and plow mount.
Frame - Single Channel RBM 2,820,000 lb.-in
Wheel base; 260"
Axles; Front 20,000 lb.
Rear 40,000 lb.
With driver controlled differential lock for both axles of tandem.
Dust shields front and rear tandems and front axle
Rear differential ratio, 4.50
Wheels, shall be 10 hole hub piloted.
Rims, Front 22.5 x 13.00 aluminum.
Rear 22.5 x 8.25 aluminum.
Tires, Front 425/65Rx22.5L 18 Ply
Rear 11Rx22.5 16 Ply
Pusher Axle – Rim 22.5 x 8.25 / Tires 11R22.5 16 Ply
Pusher Axle 13,000 LB. Self Steerable, Lifiable (Hendrickson) or Equivalent
With dash mounted switch to raise and lower axle.
Fuel tank, Single Aluminum 110 gallon minimum.
Nonskid grating on step area.
Electric back up Alarm – 100 Db. Minimum.

5.TRANS. Allison Automatic 4500RDS 6 Speed Rugged Duty.
With synthetic lube for Allison
Dash mounted push button shift controls.
Transmission oil cooler.

6.BRAKES Brakes – full air, dual system, spring set air release both tandems parking brake.
Aluminum dry type air tanks, factory installed electrically heated air dryer, with spin on type disposable cartridge.
Manual drain valves on all tanks.
Pressure gauge and cab mounted low air pressure warning buzzer.
All brakes must be cam type with non-asbestos brake linings and automatic slack adjusters.
Antilock Brake System with Traction Control.
Hand control valve for trailer or rear service brakes – Dual Function.
Air lines and electrical hook up to rear of chassis to operate towed Pup Trailer.

7.MANUALS One operator’s manual.

NOTE. As most diagnostic, wiring, and parts information is now online only
We will need access to or subscription for online information.

WARRANTY Standard Truck warranty coverage Engine, Transmission and Chassis plus
Extended Engine Warranty 5 years / 250,000 Miles with no deductible.
Including Emissions and after treatment systems.

Meets All Specifications Yes _____ No _____

Explain _____

TRUCK BODY AND EQUIPMENT

BOX	<p>17' Henderson Mark E Dump Body or equivalent. 201 Stainless Steel. 36" Sides, with Single Side Brace / 7 gauge Sides and Ends. 7 gauge Rear Corner Post. 44" Tailgate 7 gauge with two Tailgate Braces. 2" wide side board pockets – flat then sloped ¼" AR-400 Floor 10" Long Sills / Solid Welded full length of floor. 16" x 78" 201 SS Cab Shield – Stationary Mounted Grip Strut Steps (2) LH Front and LH Rear Air Pancake Tailgate Release. Rubber Mounting between Box and Frame. Rear mud Flaps and Front Quarter Fenders. Couger Box Vibrator with mounting pad or equivalent.</p>
LIGHTS	<p>Two LED (stop/turn/tail) Lights in rear corner post of box Two LED Amber Warning Lights in rear corner post (Whelen 50A02SA1) or equivalent One LED Amber Warning Light (Whelen Mini Century MC11PA) or equivalent Mounted on top center of cab shield. Two stop/turn/tail/backup lights mounted at top of pintle hitch.</p>
PINTLE HITCH	<p>¾" Pintle Hitch Plate / Premier 50 ton hook / 2 D-rings or equivalent.</p>
HOIST	<p>Underbody Hoist (Harsh RL-J100) or equivalent.</p>
HYD.	<p>Front Crankshaft Driven 5.98 CID Load Sensing Pump (Force America) or Equivalent Mounting Plate / Spicer Driveline or equivalent. Stainless Steel valve Enclosure mounted above frame rail between cab and dump body. Stainless Steel 50 gallon hydraulic reservoir mounted above frame between cab and body. Cable control Hydraulic Valves for plow lift & angle, dump body hoist and pup trailer hoist. Spreader control valve for tailgate spreader (Force SSC3100) or equivalent Hoist Limit Valve, Cable pull off. Hydraulic lines plumbed to front for plow and rear for tailgate spreader and pup trailer. All connections to plow, spreader and pup to be quick couplers.</p>

SPREADER Henderson or Equivalent
Tailgate Spreader 6" Stainless Steel Direct Drive with Poly Spinner / Installed

SNOW Henderson or Equivalent
PLOW 12' x 42" Reversible Plow – Installed
10 gauge Stainless Steel moldboard – integral moldboard shield
Full Trip design with standard trip springs
12" Rubber Deflector
Quick Hitch
Standard cutting Edge
Parking Jack

Meets All Specifications Yes _____ No _____

Explain _____