



Brandt 2002 Western Star Power Unit

R4 OTM Crane with Magnet, VIN-2WLPCD3J92K972938

Engine

- Caterpillar C-15
- 475 HP @ 2100 RPM
- 1650 ft-lb Torque @ 1200 RPM

Transmission- Allison

- HD 4500 PRM
- RETRAN Assembly

Differential

- Tandem Drive Axles
- Dana Spicer DT463P 2-Speed Rear Axles
- 4.56/6.20 Drive Ratio
- Interdifferential Lock
- Detroit No Spin

Reversing Gearbox

- Full Reversing 1:1 Drive Ratio

Steering Axle

- Dana Spicer EFA-20FA (20,000lb)
- 18,800 lb. Flat Leaf Front Suspension

Tag Axle

- Neway ARTA 20,000 lbs GAWR

Cab & Chassis

- Western Star 4900SA Chassis
- Full Instrument Gauge Package
- Air Ride Cab
- Air Conditioning
- AM/FM Cassette????
- 43,000 BTU Heater/Defroster ??
- Battery Disconnect

Frame & Suspension

- 3/8" x 11 1/2" + 3/8" DC Steel Rails
- R.B.M. 4,478,000 in.lb.

Truck Brakes

- D.O.T. Approved

Tires

- Front
- Rear Tandem
- Tag Axle
- Spare Tire?

Weight

- GAWR 63,500 lbs
- 56,000 lbs

Fuel Capacity

- 155 U.S. Gallons

Dimensions

- Length: 466" Over Pulling Faces of Couplers
- Width: 102"
- Height: 162"

Rail Brakes

- Automatic Train Brake
- Independent Rail Brake
- Fail Safe Service Brakes
- Cobra Brake Shoes
- 120 Gallon Main Air Reservoir
- CR Turbo 2000 Brakemaster Air Dryers

Road-to-Rail Conversion

- 3 to 5 Minute Conversion Time
- Minimum 30ft Crossing

Tractive Effort

- 30,000 lbs
- TracDry Blower System
- Rail Sanding System
- Rail Sweeps

Rail Axles

- CB-28 with AAR Profile
- AAR 6" x 11" AP Roller Bearings
- Axle AAR – Class E
- Gauge 4ft. 8 ½" Standard Gauge

Couplers

- Sharon 10-A Contour with Vertical Pin
- Front and Rear
- Air Controlled

Safety Equipment

- Approved Three-Note Locomotive Horn
- Rotating Beacons
- Back-Up Alarm

Lighting

- Halogen Headlights
- Back-up Lights
- Signal Lights
- Clearance Lights