



Hale Trailer Brake & Wheel
575745



Magnitude 80 Class 80MDSR Tridem Bogie (Drop Side Rail) (Model: MAG80MDSR)

Est. Wt. (with selected options): 35,360 # +/- 3%

Capacity: 80 tons in 16ft/ 70 tons in 12 ft as a 3+3
Load Base: 16-foot rigid 2-point load centered in deck
Framework: All main longitudinal members fabricated with 100,000# minimum yield steel flanges
Compatibility: 60/90 intermediate and rear axles and/or (111 inch flip box)
Gooseneck Design: Hydraulic removable non-ground bearing design with 5 inch hooks
Loaded Fifth Wheel Height: 50 inches nominal with 6 ride height positions (Dual arm pawls)
Swing Radius: 237 inches total including flip box (23ft 4 in feet overall gooseneck length)
Alternate Kingpin: Removable kingpin at 126/114 inch radius
Power Source: Set up for wet line operation
Flip Box: Attach Hydraulic Flipbox Z613 from completed on ground to this unit
Electrical receptacle: J560 7-pin connector
Deck Design: Drop Side Rail (DSR) design - 28 feet clear deck length
Loaded deck height: Deck: 24 in. at mainbeams Ground Clearance: 6 in.
Flooring: 2 1/4 inch nominal wood - side rails only
Front ramps: None, front of deck sloped top down to assist in loading with traction cleats
Front bogie ramp: Included (bolt-on/removable)
Extension Brackets: 14 pair - 28 total removable swing type, 2 pair - 4 total heavy duty removable hook-on type at front approach ramp
Deck to Bogie Connection: Modular pin & plate design with 6in pins
Tool Box: First two compartments no lids expanded metal bottom with 2x2 angles toes down; expanded metal and angles go web to web
Crossmembers: 24 inch centers
Number of Axles: 3 Total - 3 Trailer
Rear Bogie Axle Configuration: 3 Fixed axles (Tridem)
Axle Capacity: 30,000 lb. capacity on each trailer axles 25,000 lb nominal capacity each all other axles NOTE: GAWR determined by suspension type, brakes, tires and other components.
Axle Spread: 60 inches (between axles)
Bogie to Axle Bottom Pin Connection: Manual Pins
Spreader: None
Flip Axle (None)
Flip Axle (Rear): None
Dust Shields: None
Brakes: 16.5 inches x 7 inches with 5.5 inches autoslacks - heavy duty brake drums - outboard mount
Suspension: Air ride
Lift Axle: Chain lifts with air bag shut-offs on all axles except control axle (#2)
Tires: 275/70R 22.5 OEM Standard
Wheels: 8.25 x 22.5 LVL One buffed outside /steel disc inside - hub-piloted
Bolsters: Recessed load bearing between all axles and rear of last axle
Covered Rear Bogie: None
Rear Bogie Height: 44 5/8 inches
Boom Trough: V-style boom trough with bolt-in V pan
Mechanical Ride Height Control: Mechanical ride height control valve (5 position)
Manual Dump Valve: Air raise and lower valve
Bumper: Heavy duty V-style rear bumper
Width: 9 feet (Deck ONLY)

Electrical System: DOT sealed beam and harness with LED lights and 4 inch flush mounted battery powered amber strobes in 3rd and 6th axles
Paint: Fontaine black polyurethane enamel
Lash Rings: 17 pair - 34 total
Flag Holders: Flag holders - 1 pair located at front of deck and on rear bumper
Liquid Filled Gauge: None
VIN Plate: Bilingual VIN plate
Registration/Document Holder: Install registration/document holder
Please Note: Price includes commodity surcharges
Commercial Terms: Ex Works- Springville, AL, USA

DISCLAIMER

Specifications are believed to be correct, but may contain errors and/or omissions. Photographs are the representative of the subject equipment but may not be identical. Equipment availability, prices and specifications are subject to change without notice.