

# HALE

## TRAILER

### BRAKE & WHEEL



A027472-A027474  
VIN: A6137-A6139

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#### Magnitude 60 MDSR 3+1 Modular (Drop Side Rail) Tridem Bogie (Model: MAGNITUDE 60 MDSR)

MAG60\*\*\*MD826543

Est. Wt.: 25,280# +/- 3%

#### TRAILER - GENERAL

**Capacity:** 60 tons in 12-foot length with 4 axle close coupled or 3+1 axle configuration - GAWR and GVWR determine legal payloads

**Load Base:** 12-foot rigid 2-point load centered in deck area

**Length (Trailer Only):** 52 feet 9 inches (with standard deck length and axle spread)

**Accent Package:** None

#### GOOSENECK

**Compatibility:** Designed to accept optional 51/60 rear axle, spreader, and/or 36 or 83 inch flip box

**Gooseneck Design:** Narrow hydraulic removable non-ground bearing - swing radius of 106 inches (12ft 8in overall gooseneck length) set up for wetline operation

**Loaded Fifth Wheel Height:** Dual Cam Pawl Arm Assembly with 7 ride height positions (50 inches nominal)

**Kingpin:** Removable kingpin at 86 and 106 inch radius

**Power Source:** Set up for wet line operation

**VIN Plate:** Bilingual VIN plate

**Registration/Document Holder:** Registration/document holder installed

**Hydraulic Fittings:** OEM Standard 1/2 inch

#### DECK

**Framework:** All main longitudinal members fabricated with 100,000# minimum yield steel flanges with 50,000# webs

**Deck Design:** Drop side rail (MDSR) design

**Deck Width:** 8 feet 6 inches overall (unless optional deck width is selected)

**Deck Length:** Drop Side Rail (DSR) design - 26 feet clear deck length - Standard OAL is 52 feet 9 inches with standard axle spread

**Loaded Deck Height:** 14.5 inches at side rails, 23 inches at main beams with 6 inches ground clearance

**Crossmembers:** On 24 inch centers (nominal)

**Flooring:** 1.5 inch nominal wood - side rails only

**Front Ramp:** None, front of deck sloped top down to assist in loading with traction cleats

**Extension Brackets:** 13 pair - 26 total removable swing type, 1 pair - 2 total heavy duty removable hook-on type

**Tool Box:** 2 Fully covered trays in front of deck between mainbeams with lockable covers

**Hammer Plate:** None

#### REAR BRIDGE

**Front Bogie Ramp:** Included

**Boom Trough:** V crossmembers with bolt-in V pan

**Deck to Bogie Connection:** Modular

**Bolsters:** Recessed

**Covered Rear Bogie:** None

**Rear Bogie Height:** 40 7/8 inches to top flange - 36 5/8 inches to top of bolsters

**Connections for Future Axle Attachment:** Air and electrical connections to go along with connecting ears

#### AXLES

<b>Number of Axles:</b> 3 axles	
<b>Axle Capacity:</b> 25,000 lb. nominal capacity per axle <b>NOTE: GAWR determined by suspension type, brakes, tires and other components.</b>	
<b>Axle Spread:</b> 54.5 inches (between axles)	
<b>Dust Shields:</b> None	
<b>Brakes:</b> 16.5 inches x 7 inches with 5.5 inches autoslacks - heavy duty brake drums - outboard mount	
<b>Spring Brakes:</b> None	
<b>SUSPENSION</b>	
<b>Suspension:</b> Air ride	
<b>ABS:</b> None required	
<b>First Axle Lift:</b> Chain Lift on first axle	
<b>Third Axle Lift:</b> Air lift installed on third axle	
<b>Ride Height Control:</b> 7-position mechanical ride height control system	
<b>Dump Valve:</b> Manual Dump Valve (Push Pull)	
<b>Liquid Filled Gauge:</b> None	
<b>Load Scale:</b> None Standard	
<b>WHEELS AND TIRES</b>	
<b>Wheels:</b> 8.25 x 22.5 LVL One buffed outside/steel inside - hub-piloted	
<b>Tires:</b> 275/70R 22.5 OEM Standard	
<b>Hubodometer:</b> None Standard	
<b>Tire Inflation:</b> None Standard	
<b>LIGHTING</b>	
<b>Electrical System:</b> DOT sealed beam and harness with LED lights and 4 inch flush mounted battery powered amber strobes	
<b>Tail Lights:</b> 3 tail light package	
<b>Electrical Receptacle:</b> J560 7-pin connector	
<b>Marker Lights:</b> 3 marker lights per side including mid turn	
<b>Additional Marker Lights:</b> None Standard	
<b>PAINT</b>	
<b>Paint:</b> Fontaine black polyurethane enamel PN 51172000/G02BC0001	
<b>MISCELLANEOUS</b>	
<b>Lash Rings:</b> 17 pair - 34 total	
<b>Flag Holders:</b> 2 pair flag holders	
<b>AVAILABLE COMPONENTS</b>	
<b>Flipbox:</b> None included	
<b>Flip Axle (Rear):</b> None	
<b>Hydraulic Flip Axle Option:</b> None Standard	
<b>Dust Shields on Rear Flip Axle:</b> None	
<b>Spreader:</b> None	

#### DISCLAIMER

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