

# HALE

## TRAILER

### BRAKE & WHEEL



A027487  
VIN: A6077

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#### MAGNITUDE 65 MDSR 3+2 Modular (Drop Side Rail Deck) Tridem Bogie (Model: MAGNITUDE 65 MDSR)

MAG70\*\*\*\*MD828603/FBM7070\*\*\*H

Est. Wt.: 34,541# +/- 3%

#### TRAILER - GENERAL

**Capacity:** 65 tons in 16-foot as a 3+2 axle configuration with flipbox deployed or 70 tons in 12-foot length with 4 axles close coupled no gooseneck extension - GAWR and tire ratings determine legal payloads

**Load Base:** 12 or 16-foot rigid 2-point load centered in deck area

**Length (Trailer Only):** 57 feet 0 inches (with standard deck length and axle spread)

**Compatibility:** Designed to accept optional intermediate axle, flip axle, EQ2 spreader, and/or 70 inch flip box

#### GOOSENECK

**Gooseneck Design:** Narrow hydraulic removable non-ground bearing - swing radius of 114 inches and 102 inches (13ft 10in overall gooseneck length)

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

**Swing Radius:** 114 inches and 102 inches (13 feet 10 inches overall gooseneck length) - NGB

**Kingpin:** Removable kingpin at 114 and 102 inch radius

**Power Source:** 13 HP (min.) Gasoline powered auxiliary power unit

**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

**Width:** 8 feet 6 inches

**Deck Design:** Drop Side Rail (DSR) design - 28 feet clear deck length Standard OAL is 57 feet 0 inches with standard axle spread

**Loaded Deck Height:** Deck: 24 in. at mainbeams 14 3/4 in. at siderail Ground Clearance: 6 in.

**Crossmembers:** On 18 inch centers (nominal)

**Flooring:** 2 inch nominal wood - side rails only

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

**Extension Brackets:** 22 pair - 44 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:** Load bearing between all axles and rear of last axle

**Covered Rear Bogie:** None

**Rear Bogie Height:** 43 inches to top flanges- 39 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> 5 Total - 3 Trailer, 1 HES Axle, 1 Rear Flip	
<b>Rear Bogie Axle Configuration:</b> 3 axles (Tridem)	
<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> 60 inches (between axles)	
<b>Bogie to Axle Bottom Pin Connection:</b> Manual Pins	
<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>First Axle Lift:</b> Chain Lift	
<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> 14 pair - 28 total	
<b>Flag Holders:</b> 2 pair flag holders	
<b>AVAILABLE COMPONENTS</b>	
<b>Spreader Bar:</b> None included	
<b>EQ2 Axle Spread:</b> 14 ft 7 in Standard C-Links	
<b>Flipbox:</b> 70 inch hydraulic flipbox (184 inch swing) Serial Number A6078	
<b>Flip Axle (Intermediate):</b> None included	
<b>Flip Axle (Rear):</b> None included	
<b>Dust Shields:</b> None	

#### 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.