

# HALE

## TRAILER

### BRAKE & WHEEL



A021507  
VIN: 5A4612

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#### MAGNITUDE 80 MFLD 3+3 Modular (Flat Level Deck) Tridem Bogie (Model: MAGNITUDE 80 MFLD)

MAG80\*\*\*\*MF930603/FBM1118\*\*\*\*

Est. Wt.: 38,898# +/- 3%

#### TRAILER - GENERAL

**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  
**Length (Trailer Only):** 58 feet 4 inches (with standard deck length)  
**Width:** 9 feet (DECK ONLY)  
**Compatibility:** 60/90 intermediate axle, 60/90 flip axle, EQ3, and/or 111 inch flip box

#### GOOSENECK

**Gooseneck Design:** Hydraulic removable non-ground bearing design with 5 inch hooks; 237 inches total including flip box (23ft 4 in feet overall gooseneck length)  
**Loaded Fifth Wheel Height:** 50 inches nominal with 6 ride height positions ( Dual arm pawls)  
**Kingpin:** Removable kingpin at 126/114 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  
**Deck Design:** Flat Level Deck (FLD) design - 30 feet clear deck length \*\*Note: OAL with this option is 60 feet 4 inches with standard axle spread  
**Crossmembers:** 24 inch centers  
**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:** 16 pair - 32 total heavy duty removable hook on type  
**Tool Box:** 2 Fully covered trays in front of deck between mainbeams with lockable covers  
**Hammer Plate:** Hammer Plate installed over recessed crossmembers. Preforated plate under hammer plate forming two storage areas. 2 pair lashing ring located in last two deck sections.

#### REAR BRIDGE

**Front Bogie Ramp:** Included (bolt-on/removable)  
**Boom Trough:** V-style boom trough with bolt-in V pan  
**Deck to Bogie Connection:** Modular pin & plate design with 6in pins  
**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  
**Air Operated Pins:** None Standard

#### AXLES

**Number of Axles:** 6 Total - 3 Trailer, 1 EQ3 Axle, 1 Intermediate Flip, 1 Rear Flip

<b>Rear Bogie Axle Configuration:</b> 3 axles (Tridem)	
<b>Axle Capacity:</b> 30,000 lb. capacity on each trailer axles 25,000 lb nominal capacity each all other axles <b>NOTE: GAWR determined by suspension type, brakes, tires and other components.</b>	
<b>Axle Spread:</b> 60 inches (between axles)	
<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>Chain Lift:</b> Chain lifts with air bag shut-offs on first axle except	
<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	
<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:</b> None included	
<b>Flipbox:</b> 111 inch hydraulic flipbox Serial Number A4613	
<b>Flip Axle (Intermediate):</b> None included	
<b>Flip Axle (Rear):</b> None included	
<b>Dust Shields:</b> None	
<b>TERMS</b>	
<b>Additional Options:</b>	
<b>Accent Package on Flipbox, GN, Tower, Bumper and Flip Axles</b>	

#### DISCLAIMER

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