

# HALE

## TRAILER

### BRAKE & WHEEL



A021507-A021511  
VIN: 4612-4616

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#### MAGNITUDE 80 MDSR 3+3 Modular (Drop Side Rail Deck) Tridem Bogie (Model: MAGNITUDE 80 MDSR)

MAG80***MD830603/FBM1118****	Est. Wt.: 40,138# +/- 3%
<b>TRAILER - GENERAL</b>	
<b>Capacity:</b> 80 tons in 16ft/ 70 tons in 12 ft as a 3+3	
<b>Load Base:</b> 16-foot rigid 2-point load centered in deck	
<b>Length (Trailer Only):</b> 58 feet 4 inches (with standard deck length)	
<b>Width:</b> 9 feet (DECK ONLY)	
<b>Compatibility:</b> 60/90 intermediate axle, 60/90 flip axle, EQ3, and/or 111 inch flip box	
<b>GOOSENECK</b>	
<b>Gooseneck Design:</b> Hydraulic removable non-ground bearing design with 5 inch hooks; 237 inches total including flip box (23ft 4 in feet overall gooseneck length)	
<b>Loaded Fifth Wheel Height:</b> 50 inches nominal with 6 ride height positions ( Dual arm pawls)	
<b>Kingpin:</b> Removable kingpin at 126/114 inch radius	
<b>Power Source:</b> 13 HP (min.) Gasoline powered auxiliary power unit	
<b>VIN Plate:</b> Bilingual VIN plate	
<b>Registration/Document Holder:</b> Registration/document holder installed	
<b>Hydraulic Fittings:</b> OEM Standard 1/2 inch	
<b>DECK</b>	
<b>Framework:</b> All main longitudinal members fabricated with 100,000# minimum yield steel flanges	
<b>Deck Design:</b> Drop Side Rail (DSR) design - 30 feet clear deck length <b>**Note: OAL with this option is 60 feet 4 inches with standard axle spread</b>	
<b>Loaded deck height:</b> 16 inches at side rails, 24 inches at main beams with 6 inches of ground clearance	
<b>Flooring:</b> 2 1/4 inch nominal wood - side rails only	
<b>Front ramps:</b> None, front of deck sloped top down to assist in loading with traction cleats	
<b>Front bogie ramp:</b> Included (bolt-on/removable)	
<b>Extension Brackets:</b> 16 pair - 32 total heavy duty removable hook on type	
<b>Tool Box:</b> 2 Fully covered trays in front of deck between mainbeams with lockable covers	
<b>Hammer Plate:</b> 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.	
<b>REAR BRIDGE</b>	
<b>Front Bogie Ramp:</b> Included (bolt-on/removable)	
<b>Boom Trough:</b> V-style boom trough with bolt-in V pan	
<b>Deck to Bogie Connection:</b> Modular pin & plate design with 6in pins	
<b>Bolsters:</b> Load bearing between all axles and rear of last axle	
<b>Covered Rear Bogie:</b> None	
<b>Rear Bogie Height:</b> 43 inches to top flanges- 39 inches to top of bolsters	
<b>Connections for Future Axle Attachment:</b> Air and electrical connections to go along with connecting ears	
<b>Air Operated Pins:</b> None Standard	
<b>AXLES</b>	
<b>Number of Axles:</b> 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> A2300 on ground complete	
<b>Flipbox:</b> 111 inch hydraulic flipbox Serial Number A4609	
<b>Flip Axle (Intermediate):</b> A4610 Separate Order	
<b>Flip Axle (Rear):</b> A4611 separate order	
<b>Dust Shields:</b> None	
<b>TERMS</b>	
<b>Please Note:</b> Price includes commodity surcharges	
<b>Commercial Terms:</b> Ex Works- Springville, AL, USA	
<b>Additional Options:</b>	
<b>Accent Package on Flipbox, GN, Tower, Bumper and Flip Axles</b>	

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.