

# HALE

## TRAILER

### BRAKE & WHEEL



A032656  
VIN: A7001

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

MAG70****MD828603	
	Est. Wt.: 35,557 # +/- 3%
<b>TRAILER - GENERAL</b>	
<b>Capacity:</b> 65 tons in 16-feet 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	
<b>Load Base:</b> 12 or 16-foot rigid 2-point load centered in deck area	
<b>Length (Trailer Only):</b> 57 feet 0 inches (with standard deck length and axle spread)	
<b>Compatibility:</b> Designed to accept optional intermediate axle, flip axle, EQ2 spreader, and/or 70 inch flip box	
<b>GOOSENECK</b>	
<b>Gooseneck Design:</b> Narrow hydraulic removable non-ground bearing - swing radius of 114 inches and 102 inches (13ft 10in overall gooseneck length)	
<b>Loaded Fifth Wheel Height:</b> Dual Cam Pawl Arm Assembly with 7 ride height positions (50 inches nominal)	
<b>Swing Radius:</b> 114 inches and 102 inches (13 feet 10 inches overall gooseneck length) - NGB	
<b>Kingpin:</b> Removable kingpin at 114 and 102 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 with 50,000# webs	
<b>Width:</b> 8 feet 6 inches	
<b>Deck Design:</b> Drop Side Rail (DSR) design - 28 feet clear deck length Standard OAL is 57 feet 0 inches with standard axle spread	
<b>Loaded Deck Height:</b> Deck: 24 in. at mainbeams 14 3/4 in. at siderail Ground Clearance: 6 in.	
<b>Crossmembers:</b> On 18 inch centers (nominal)	
<b>Flooring:</b> 2 inch nominal wood - side rails only	
<b>Front Ramp:</b> None, front of deck sloped top down to assist in loading with traction cleats	
<b>Extension Brackets:</b> 22 pair - 44 total heavy duty removable hook-on type	
<b>Tool Box:</b> Two storage areas in front of deck between main beams (perforated plate without cover)	
<b>Hammer Plate:</b> None	
<b>REAR BRIDGE</b>	
<b>Front Bogie Ramp:</b> Included	
<b>Boom Trough:</b> V crossmembers with bolt-in V pan	
<b>Deck to Bogie Connection:</b> Modular	
<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>AXLES</b>	

<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> Air Operated Lower 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>Chain Lift:</b> First Axle (acts as limit chains)	
<b>Override Chains:</b> Override Chains Axle 2 & 3	
<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> Tire Inflation System installed	
<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> Additional Marker Lights Installed	
<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> Connections for future flipbox to achieve 184 in. swing radius (19ft 8 inch OAL Gooseneck) - None	
<b>Flip Axle (Intermediate):</b> None included	
<b>Flip Axle (Rear):</b> On Separate Order A7002	
<b>Dust Shields:</b> None	
<b>TERMS</b>	
<b>Additional Options:</b>	
<b>5 rear recessed crossmembers then step crossmembers **EDR**</b>	
<b>Punch Plate bottom throughout deck **EDR**</b>	
<b>Additional Marker Lights every 3 or 5 feet to look symmetrical **EDR**</b>	
<b>70in hydraulic flipbox connection (Customer to provide 70 inch flipbox; Engineering to approve flipbox before install**</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.