

HALE

TRAILER

BRAKE & WHEEL



A023167 & A023168
VIN: A4960 & A4961

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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%
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: Drop Side Rail (DSR) design - 30 feet clear deck length **Note: OAL with this option is 60 feet 4 inches with standard axle spread	
Loaded deck height: 16 inches at side rails, 24 inches at main beams with 6 inches of ground clearance	
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	

Rear Bogie Axle Configuration: 3 axles (Tridem)	
Axle Capacity: 30,000 lb. capacity on each trailer axles 25,000 lb nominal capacity each all other axles NOTE: GAWR determined by suspension type, brakes, tires and other components.	
Axle Spread: 60 inches (between axles)	
Brakes: 16.5 inches x 7 inches with 5.5 inches autoslacks - heavy duty brake drums - outboard mount	
Spring Brakes: None	
SUSPENSION	
Suspension: Air ride	
ABS: None required	
Chain Lift: Chain lifts with air bag shut-offs on first axle except	
Third Axle Lift: Air lift installed on third axle	
Ride Height Control: 7-position mechanical ride height control system	
Dump Valve: Manual Dump Valve (Push Pull)	
Liquid Filled Gauge: None	
First Axle Lift: Chain Lift	
Load Scale: None Standard	
WHEELS AND TIRES	
Wheels: 8.25 x 22.5 LVL One buffed outside/steel inside - hub-piloted	
Tires: 275/70R 22.5 OEM Standard	
Hubodometer: None Standard	
Tire Inflation: None Standard	
LIGHTING	
Electrical System: DOT sealed beam and harness with LED lights and 4 inch flush mounted battery powered amber strobes	
Tail Lights: 3 tail light package	
Electrical Receptacle: J560 7-pin connector	
Marker Lights: 3 marker lights per side including mid turn	
Additional Marker Lights: None Standard	
PAINT	
Paint: Fontaine black polyurethane enamel	
MISCELLANEOUS	
Lash Rings: 14 pair - 28 total	
Flag Holders: 2 pair flag holders	
AVAILABLE COMPONENTS	
Spreader: A2300 on ground complete	
Flipbox: 111 inch hydraulic flipbox Serial Number A4961	
Flip Axle (Intermediate): A4962 Separate Order	
Flip Axle (Rear): A4963 separate order	
Dust Shields: None	
TERMS	
Additional Options:	
Accent Package on Flipbox, GN, Tower, Bumper and Flip Axles	

DISCLAIMER

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Equipment availability, prices and specifications are subject to change without notice.