

HALE TRAILER BRAKE & WHEEL



A022347-A022348
VIN: 5A4802-5A4803

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Magnitude 60 MDSR 3+1 Modular (Drop Side Rail) Tridem Bogie (Model: MAGNITUDE 60 MDSR)	
	Est. Wt.: 25,280# +/- 3%
TRAILER - GENERAL	
Capacity: 60 tons in 12-foot length with 4 axle close coupled or 3+1 axle configuration - GAWR and GVWR determine legal payloads	
Load Base: 12-foot rigid 2-point load centered in deck area	
Length (Trailer Only): 52 feet 9 inches (with standard deck length and axle spread)	
Accent Package: None	
GOOSENECK	
Compatibility: Designed to accept optional 51/60 rear axle, spreader, and/or 36 or 83 inch flip box	
Gooseneck Design: Narrow hydraulic removable non-ground bearing - swing radius of 106 inches (12ft 8in overall gooseneck length) set up for wetline operation	
Loaded Fifth Wheel Height: Dual Cam Pawl Arm Assembly with 7 ride height positions (50 inches nominal)	
Kingpin: Removable kingpin at 86 and 106 inch radius	
Power Source: Set up for wet line operation	
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	
Deck Design: Drop side rail (MDSR) design	
Deck Width: 8 feet 6 inches overall (unless optional deck width is selected)	
Deck Length: Drop Side Rail (DSR) design - 26 feet clear deck length - Standard OAL is 52 feet 9 inches with standard axle spread	
Loaded Deck Height: 14.5 inches at side rails, 23 inches at main beams with 6 inches ground clearance	
Crossmembers: On 24 inch centers (nominal)	
Flooring: 1.5 inch nominal wood - side rails only	
Front Ramp: None, front of deck sloped top down to assist in loading with traction cleats	
Extension Brackets: 13 pair - 26 total removable swing type, 1 pair - 2 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: Recessed	
Covered Rear Bogie: None	
Rear Bogie Height: 40 7/8 inches to top flange - 36 5/8 inches to top of bolsters	
Connections for Future Axle Attachment: Air and electrical connections to go along with connecting ears	

AXLES	
Number of Axles: 3 axles	
Axle Capacity: 25,000 lb. nominal capacity per axle NOTE: GAWR determined by suspension type, brakes, tires and other components.	
Axle Spread: 54.5 inches (between axles)	
Dust Shields: None	
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	
First Axle Lift: Chain Lift on first axle	
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	
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: 17 pair - 34 total	
Flag Holders: 2 pair flag holders	

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.