

HY-RAIL®

Model MD1920



The Harsco Rail MD1920 HY-RAIL® guide wheel equipment is used to adapt medium-duty chassis cab trucks, meeting Harsco Rail's recommended vehicle specifications, for railway applications requiring travel on the highway and on the rail. Featuring hydraulic deployment, hydraulic locks, electrical track insulation, and mechanical safety pins, the MD1920 has a rugged, compact design that continuously provides the durability needed on the track.

HY-RAIL® MD1920

Specifications

Features & Benefits

- For medium duty trucks cab chassis
- High road clearance
- Front unit - over center rotation in rail position
- Rear unit - positions guide wheels close to trucks tires

Truck Weight Classification	Medium duty - up to 19,500 lbs. (8844 kg) GVWR
Maximum Rail Travel Speed	35 mph (55 km/h)
Unit Weight	Front unit - 415 lbs. (188 kg)
	Rear unit - 425 lbs. (193 kg)
Load Capacities (max)	Front unit - 7,000 lbs. (3,175 kg)
	Rear unit - 6,750 lbs. (3,062 kg)
Guide Wheel Load (max)	Front wheels - 3,500 lbs. (1,588 kg) each
	Rear wheels - 3,375 lbs. (1,531 kg) each
Suspension	Rear unit has built-in spring suspension
Wheels	13.25 in. (337 mm) tread diameter
Wheel Bearings	Conventional wheel / hub bearing arrangement
Safety Pin Locks	Mechanical pin plus hydraulic PO check locks
Raise / Lower Operation	Electrical / hydraulic actuation with push button controllers
Track Gauge	56.5 in. (1435 mm)
Track Signal Insulation	All (4) guide wheels electrically insulated for track signaling
Included Equipment	Mounting brackets, steering wheel lock, de-rail guards, front rail sweeps
Optional Equipment	Hydraulic power pack, emergency hand pump, air brakes (front and rear), rear rail sweeps, non-electrical track insulation

Download full specs at www.harscorail.com

Harsco Rail, Harsco Corporation Facility Locations:

2401 Edmund Road
Box 20
Cayce-West Columbia, SC 29171-0020
Tel: (803) 822-9160
Fax: (803) 822-8107

415 North Main St.
Fairmont, MN 56031-1837
Tel: (507) 235-3361
Fax: (507) 235-7370

200 S. Jackson Rd.
Ludington, MI 49431
Tel: (231) 843-3431
Fax: (231) 843-4830

900 Kings Highway North
Suite 208
Cherry Hill, NJ 08034
Tel: (856) 779-7795
Fax: (856) 779-7431

4 Strathwyn St.
P.O. Box 5287 Brendale
Queensland 4500, Australia
Tel: 61 7 3205 6500
Fax: 61 7 3205 7369

Unit 1, Chewton Street, Eastwood
Nottingham NG16 3HB
United Kingdom
Tel: 01773 539480
Fax: 01773 539481

Av. Marechal Camara
160 Grupo 1901
Control CEP: 20020-080
Rio de Janeiro-RG
Tel: (21) 2510-5151
Fax: (21) 2224-3484

Harsco Rail Europe GmbH
Rehhecke 80
40885 Ratingen
Germany
Tel: +49 2102 937200
Fax: +49 2102 37651

Harsco APAC Rail Machinery Trading
(Beijing) Co. Ltd.
Room 805, State Guest Mansion
No. 11 Fuwai Ave.
100037 Beijing, China
Tel: +8610-6800-3286
Fax: +8610-6800-3288

Harsco Rail
2401 Edmund Rd., Box 20
Cayce-West Columbia, SC 29171-0020

Tel: (803) 822-9160
Fax: (803) 822-8107
Email: railinfo@harscorail.com
www.harscorail.com

Bulletin #MD1920-01S-0513
Printed in USA, May, 2013



© 2013 Harsco Corporation

The HARSCO RAIL equipment pictured in this brochure is intended to illustrate the general appearance and features of this product. It is equipped as specified by a particular customer and may or may not show items that are optional or recommended by HARSCO RAIL, Harsco Corporation. Specifications, illustrations, and descriptive materials herein were accurate as known at the time this publication was approved for printing. HARSCO RAIL, Harsco Corporation reserves the right to discontinue models or options at any time or change specifications and materials, equipment and design without notice and without incurring obligation. Federal, State or Provincial, and/or local laws and regulations may require additional equipment for the particular use intended for this product. It is the buyer's responsibility to determine the applicability of such laws and regulations to the buyer's intended use for the product and to arrange for the installation of the required equipment. Other products and companies referred to herein are trademarks or registered trademarks of their respective companies and/or mark holders.