

TIE EXCHANGER

Model TR-10



Harsco Rail's TR-10 Tie Exchanger executes efficiency in tie removal / insertion on the track. The machine features a workhead on both sides of the machine to remove and insert ties from either side of the track without needing to rotate the unit. The TR-10 manages productivity on the job site while maintaining a safe work environment.

TIE EXCHANGER

TR-10 Specifications

Features & Benefits

- Removes or inserts ties from either side of the track
- Maintains track alignment while changing ties
- Swivel head provides adjustment of the tie position allowing easy insertion or extraction
- Rail-mounted operator's seat can be easily traversed
- Handles switch ties with ease
- Proportional control for precise tie handling
- Comfortable control cab

Length	9.6 m (31.4 ft.)
Width	3,086 mm (121.5 in.)
Height	2,997 mm (118 in.)
Weight	16,782 kg (37,000 lbs.) (actual weight may vary based on features selected)
Wheelbase	7.62 m (25 ft.)
Frame	Welded 508 mm (20 in.) steel "I" beam construction
Engine	Cummins QSB 6.7L Tier III developing 190bhp @ 2200 RPM (John Deere package available)
Axles	609.6 mm (24 in.) diameter cast steel wheels (AREMA design)
Wheels	2 rugged solid forged steel axles
Suspension	Heavy duty automotive-type coil spring suspension
Brakes	Air operated, single shoe brakes on all four wheels
Drive Train	Hydrostatic driven 4-wheel drive with variable speed & reversible hydraulic motor
Air System	Engine-driven air compressor (15.2 CFM@1250 RPM)
Electrical System	24 Volt D.C.
Fuel Tank Capacity	454 liters (120 gal.)
Hydraulic Tank Capacity	757 liters (200 gal.)
Working Time to Refuel	12 hrs.
Travel Speed	48 km/h (30 mph)
Operator's Cab	Enclosed cab with good visibility of work area. Standard features include acrylic windows, windshield wipers, interior lighting and air horn. Heater, defroster, tinted windows and air conditioning are some of the available options
Extracting Force	Up to 8,654 kg (19,080 lbs.)
Inserting Force	Up to 6,146 kg (13,550 lbs.)
Tie Removal Stroke	1,935 mm (76.875 in.) Extracting head located on both sides to remove or insert from either side.
Rail Clamps	Ball of rail type clamps lock the rail in alignment. A provision to grip joint bars is made to reduce possible slippage.
Rail Lifting	Truss type, controlled lift prevents lateral track displacement

Download full specs at www.harscorail.com
 Watch video at www.youtube.com/user/harscorail

Harsco Rail

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

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

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Harsco Rail, Harsco Corporation Facility Locations:

2401 Edmund Road
 Box 20
 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

1960 Old Cuthbert Rd.
 Suite 100
 Cherry Hill, NJ 08034
 Tel: (856) 779-7795
 Fax: (856) 779-7436

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 Câmara
 160 / 1615, Centro
 Rio de Janeiro RJ 20020-080
 Brazil
 Tel.: + 55 21 2510-5151
 ou +55 21 2510-5164

Rehhecke 80
 40885 Ratingen
 Germany
 Tel: +49 2102 55562 0
 Fax: +49 2102 55562 12

Room C1201 Tower 2
 No.36 BeiSanHuan Dong Lu
 DongCheng District
 Beijing 100013, P.R.
 China
 Phone/Fax: +(86)10-6590-6399

Harsco Track Machines and Services
 Private Limited
 2nd Floor, Building Alpha,
 Bengal Intelligent Park Block
 EP & GP,
 Sector V, Salt Lake, Kolkata
 700091 West Bengal, India

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