

DYMAXRAIL

INNOVATIVE RAILWAY ATTACHMENTS



www.DYMAXRAIL.com

DYMAX RAIL

BALLAST BLASTER TR SERIES

MORE EFFICIENCY IN BALLAST UNDERCUTTING

EASILY ATTACHES TO TILTROTATOR COUPLERS

- Guaranteed to undercut more material per hour!
- Innovative patented bar design provides longer service life with industry first limited lifetime warranty.
- Patented automatic chain tensioner keeps operators cutting longer and improves production rates by 30% over competing products.
- Customize yours with SD, HD or XD cutting chains.
- Easily attaches to Backhoe Loaders and Excavators.
- Fits all Tiltrotator manufacturers such as Engcon, Rototilt, Steelwrist and more.

MIN. CARRIER MODELS	BHL / 8T		12T	14T-20T	16-25T	25T
	BB6	BB8	BB8	BB10	BB12	BB15
BAR LENGTH (IN) (METERS)	72 1.82	100 2.54	100 2.54	120 3.04	144 3.65	180 4.57
TENSIONER	MANUAL		PATENTED - AUTO CHAIN ADJUST			
OIL FLOW (GPM/PSI) (LPM/BAR)	25-30 @ 4000 94-110 @ 290		32 @ 4500 120 @ 290	36 @ 4500 136 @ 290	42 @ 4500 158 @ 290	50 @ 4500 188 @ 290
WEIGHT (LBS) (KILOGRAMS)	1,500 680	1,700 771	2,500 1,134	2,900 1,315	3,600 1,632	4,500 2,041



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DYMAX RAIL

BALLAST BLASTER DTR SERIES

MORE EFFICIENCY IN BALLAST UNDERCUTTING



BLASTER DTR SERIES

FOR PIN GRAB QUICK COUPLERS

- Guaranteed to undercut more material per hour!
- Innovative patented bar design provides longer service life with industry first limited lifetime warranty.
- Patented automatic chain tensioner keeps operators cutting longer and improves production rates by 30% over competing products.
- Customize yours with SD, HD or XD cutting chains.
- Easily attaches to Backhoe Loaders and Excavators.
- DymaxRail integrated rotator systems provide rotation and bar tilt and fit common pin grabber quick couplers.



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WEIGHT (LBS) (KILOGRAMS)	1,900 861	2,100 952	3,900 1,769	4,200 1,905	5,800 2,630	6,800 3,084
ROTATOR TYPE	360	360	360	360	180 OR 360	



DYMAX RAIL RAIL HANDLER SM SERIES

FOR EXCAVATORS, BACKHOE LOADERS & GRAPPLE TRUCKS



MODEL FOR TILTROTATOR

RH-SM MODEL FEATURES

- Safely grips and ensures positive lock to rail during operations.
- Saves thousands of dollars in maintenance operation by making it easy to handle rail.
- Handles all rail types up to 50 feet length.
- Can be made to work with tilt rotator coupler or can be provided with 360° rotator.
- Conveniently folds to 68in and extends to 92 inches.
- Handles insulated joints.



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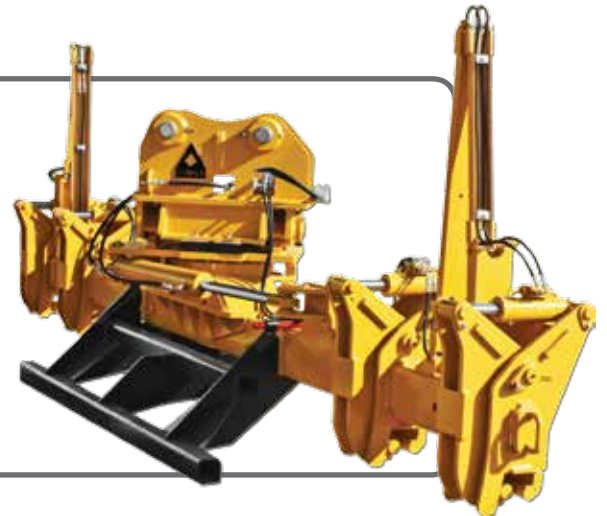
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OVERVIEW

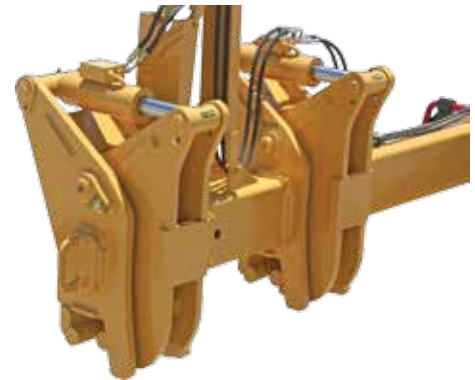
The Dymax Rail Handler LG was designed for handling all rail sizes up to 90 feet (30m) in length, and is rated a Category B, Class 1 below the hook lifting device, and provides highly reliable and safe performance.

Ideal for 20 ton excavators and larger, the Dymax Rail Handler LG picks rail from piles, loads and unloads, and places rail into position for flash butt welding operations. The Rail Handler LG and SM models makes Rail Handling safer and removes the need for chains, rigging and personnel climbing on rail piles.



RH-LG MODEL FEATURES

- Safely grips and ensures positive lock to rail during operations.
- Saves tens of thousands of dollars in maintenance operation by making it easy to handle rail.
- Handles all rail types up to 90 feet length.
- Integrated rotator.
- Extends to 27ft and retracts to 16ft.
- Can be positioned to work parallel to the rails.



LOAD MORE RAIL. SAVE BIG.



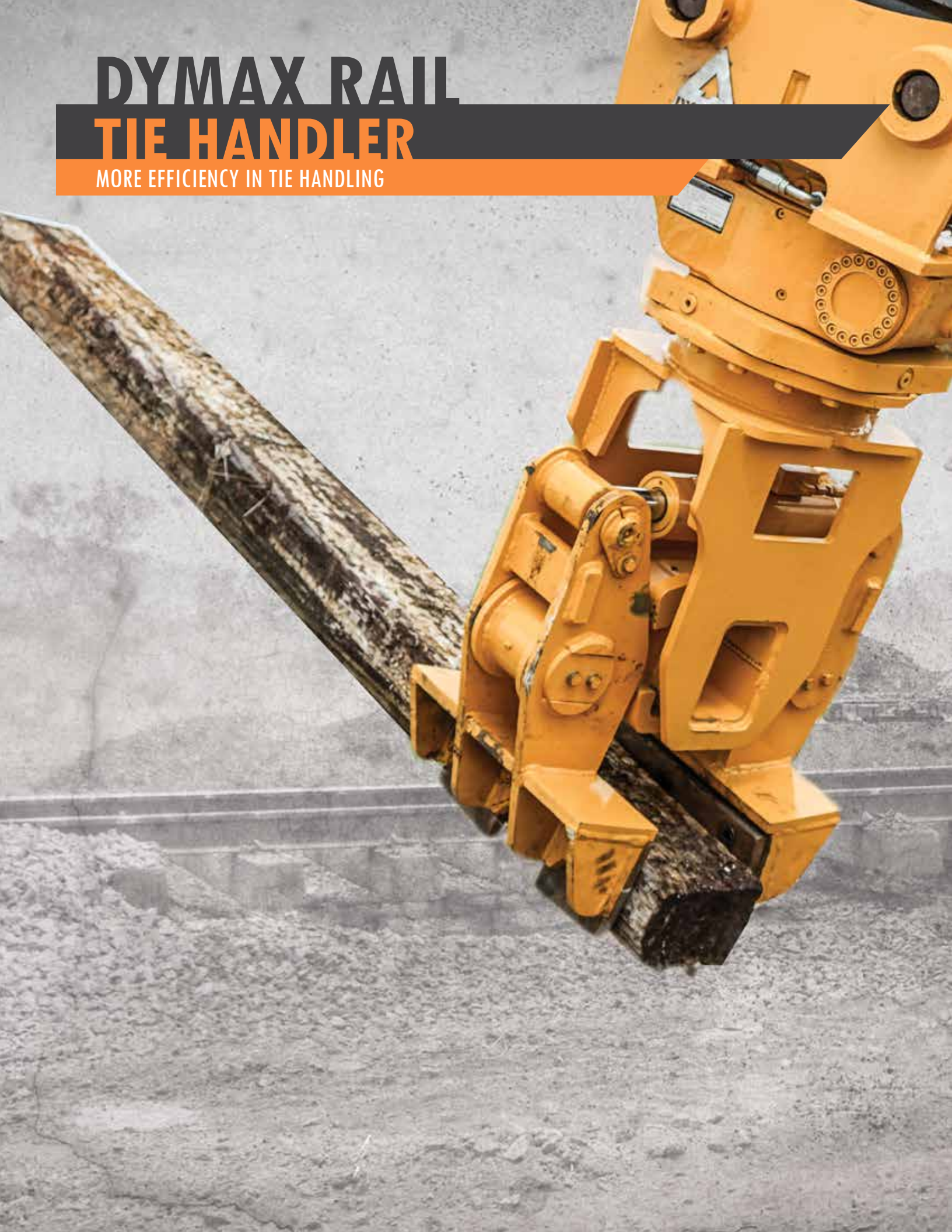
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DYMAX RAIL TIE HANDLER

MORE EFFICIENCY IN TIE HANDLING



TIE HANDLING

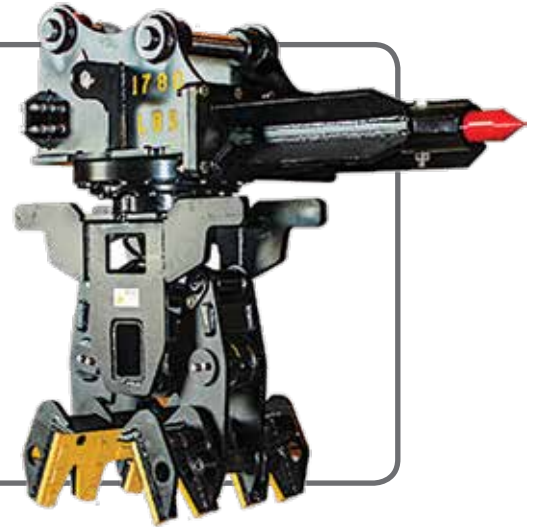
FOR EXCAVATORS & BACKHOE LOADERS

OVERVIEW

Dymax Rail Tie Handlers, or tie grapplers, are both tie inserters and tie extractors, and can change wood and concrete ties in minutes flat, and can be used with backhoe loaders and excavators. Quickly change 20 to 50 ties per hour, and in some cases more, depending on the machine and operator performance.

Dymax Rail Tie Handlers are built for years of productive use and service, and improve efficiency in tie changeouts.

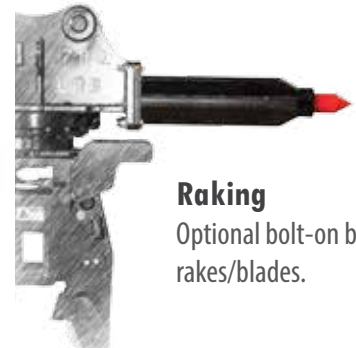
Each model features 360 degrees of hydraulic rotation. Models for tiltrotators are also available.



FEATURES AND SPECIFICATIONS

- Provided with machine connection pins.
- Electro-hydraulic diverter valve standard. Machine requires one set of lines with bi-directional flow.
- 360° rotator option for pin grab coupler.
- Powerful squeeze cylinder with built-in lock valve.
- Bolt on replaceable carbide pads.

Dual-Pivot Model
EXCAVATOR



Raking

Optional bolt-on ballast rakes/blades.



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DYMAX RAIL BALLAST TAMPER

MORE EFFICIENCY IN TAMPING



FOUR-MOTOR MODEL

BALLAST TAMPERS

FOR EXCAVATORS & BACKHOE LOADERS

FEATURES AND SPECIFICATIONS

- Features DymaxRail's slow start relief valve and provided with electro-hydraulic diverter valve.
- Heavy duty squeeze cylinders for quick tamp cycles.
- Bolt-on replaceable carbide tamping tines.
- Two zinc-plated vibrator assemblies operate at cooler temperatures and ensure longer lasting performance.
- Features 360° rotation.



FOUR-MOTOR MODEL
EXCAVATOR



TWO-MOTOR MODEL
BACKHOE OR EXCAVATOR

Model #	Description	Weight lb	Weight kg
DX-BT-PNR-360°x2M	Ballast Tamper - 360° rotation x 2 motor - Backhoe or Excavator	1,600	730
DX-BT-PNR-TRQx2M	Ballast Tamper - 2 motor - For Tiltrotator Coupler	1,300	589
DX-BT-PNR-360°x4M	Ballast Tamper - 360° rotation x 4 motor - Excavator	4,300	1,950
DX-BT-PNR-TRQx4M	Ballast Tamper - 4 motor - For Tiltrotator Coupler	4,000	1,814

Tampers are provided with stand for storage and transport when not in use. 360 rotator models include a diverter valve to operate the rotate function. All machines require a minimum of 2 hydraulic circuits for operation.



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DYMAX RAIL BALLAST TAMPER

MORE EFFICIENCY IN TAMPING



COMPACT **PERFORMANCE.**



BALLAST TAMPERS

SINGLE MOTOR TAMPER FOR EXCAVATORS, BACKHOE LOADERS & GRAPPLE TRUCKS



FEATURES AND SPECIFICATIONS

Dymaxrail exclusive vibrator design delivers more power with less maintenance.

- 360° rotation with electro-hydraulic diverter valve.
- Provided with stand assembly for transport.
- Carbide protected tamping tines.
- Oversized rubber isolators for long wear and service life.

MORE VERSATILE. MORE POWERFUL.



STORAGE

PROVIDED WITH CONVENIENT STORAGE
AND TRANSPORTATION STAND



DYNAMIC TAMP FORCE

2X POWER



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A yellow excavator is shown from a low angle, working on a large pile of dark gravel. The excavator's arm is extended, and it is equipped with a large, black, clam-style bucket attachment. The bucket is open, showing its two halves and the teeth along the edges. The excavator's body is yellow, and the bucket is black. The background is a bright, hazy sky. The overall scene is industrial and focused on heavy machinery.

DYMAX RAIL TIE CLAM BUCKETS

360° ROTATING GRAPPLES & BUCKETS

SCOOP. GRAB. SORT.



BYPASS GRAPPLES - LOGGING STYLE



TIE BUNDLE GRAPPLES



2 OVER 3 TINE LOADER GRAPPLES



2 OVER 3 TINE GRAPPLES FOR TIES
AND DEMOLITION



TIECRANE SINGLE TIE



LARGE CLAMSHELL BUCKETS



DYMAX RAIL BRUSHCUTTERS

TREE AND VEGETATION CLEARING



TREE AND VEGETATION CLEARING

BRUSHCUTTERS AND TREE SHEARS

VORTEXMAX ROTARY BRUSHCUTTERS

- Heavy Duty Flywheel fitted with Hardox cutting knives.
- Excavator models available in 60in (3 knife) or 70in (4 knife) cutting width.
- Cuts and mulches up to 8in diameter materials.
- Dual open sided deck design.



Tree Shear



Limb Shear

SPECIAL FEATURE

VENTURA MULCHING HEAD

DymaxRail has partnered with Ventura Mulchers. Two family businesses with long histories of providing excellent products and service. Available for Excavators and Skid Steer Loaders the Ventura Mulcher is the ideal mulcher for working in tough conditions and alongside rail networks where vegetation must be controlled.



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DYMAX RAIL BALLAST PLOW & SLOT BUCKETS

RAIL CLEANUP MAINTENANCE



BALLAST PLOW AND CLEANUP “SLOT” BUCKETS

- Ideal for cleaning up spilled or contaminated materials from the rail line.
- Attaches to all makes of 4wd loaders and backhoes.
- Features replaceable poly or steel bolt on cutting edges.
- Features integrated rail wheels installed to help operators guide machinery improving efficiency in cleaning.
- Ideal for coal, grains, ballast, taconite fines or iron dust, sand and other debris that collects around the rail line.



Cleanup Bucket with Rail Pockets and integrated wheels for Wheel Loaders



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RAIL SWEEPER

RAIL SWEEPER FOR SKID STEER LOADERS

OVERVIEW

Dymax Rail Sweeper for Skid Loaders and Small Wheel Loaders features a high torque, low speed hydraulic motor that drives the sweeper head. The manually adjustable arm enables the Dymax Rail Sweeper to be used in many different situations.

Dymax Rail Sweeper is ideal for cleaning around switch points, sanding areas and removal of contaminants such as snow, coal dust, ballast, sand and dirt.



FEATURES AND SPECIFICATIONS

- Features 10x36" poly or steel bristles.
- Fits all universal hook skid loaders.
- The support arm features a telescoping boom, which adds to the flexibility of the unit.

Cleans up coal dust, ballast, sand, dirt and snow!



Model #	Description	Weight lb	Weight kg
DX-BN-HY-8x10x36-SS-USS	Rail Sweeper, Hydraulic, 2115D3 - 8 bristles (10 x 36 - 25.4 x 91.4)	630	286



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DYMAX RAIL

RAILCAR QUICK COUPLER

MAKE ON-SITE MACHINES MORE VERSATILE



FEATURES AND SPECIFICATIONS

FRONT MOUNT

- Designed to fit each specific tractor model.
- Center mounted pivoting AAR type E railcar coupler.
- Hydraulic or manual pin.
- Features standard 6in vertical spring float.

3 POINT HITCH

- Available in Category 2 or Category 3 hitch mount.
- Choose your frame: Mechanical free slide or Hydraulic slide.
- Hydraulic or manual pin.
- Storage legs standard.
- Standard pivoting AAR type E railcar coupler.

Model #	Description	Weight lb	Weight kg
Tractor Mounted Models			
DX-RCQ-HY-FFX-TR	Rail Car Quick Coupler, Hydraulic, Fixed Frame with Float - Tractor	2,300	1,043
DX-RCQ-HY-3PT-TR	Rail Car Quick Coupler, Hydraulic, 3 point hitch - Mechanical Free slide - Tractor	2,800	1,270
DX-RCQ-HY-3PT-TR	Rail Car Quick Coupler, Hydraulic, 3 point hitch - Hydraulic Positioner - Tractor	2,300	1,043
Wheel Loader Models			
DX-RCQ-HY-BB-WL	Rail Car Quick Coupler, Hydraulic Pin, Free Slide Frame - Bareback (front or rear adaptation) to any machine		
DX-RCQ-HY-FFX-WL	Rail Car Quick Coupler, Hydraulic, Front Mount Fixed - 4wd Wheel Loader	2,300	1,043
DX-RCQ-HY-FFS-WL	Rail Car Quick Coupler, Hydraulic, Front Mount Free Slide - 4wd Wheel Loader	2,800	1,270
DX-RCQ-HY-RFS-WL	Rail Car Quick Coupler, Hydraulic, Rear Mounted Custom - 4wd Wheel Loader	3,000	1,043

RAILCAR QUICK COUPLERS

TRACTORS AND WHEEL LOADERS



Loader - front mount mechanical free slide



Custom built integrated rear mounted models



Tractor - 3-point hitch



Tractor - 3 point hitch with hydraulic positioner



Tractor - Front Mount



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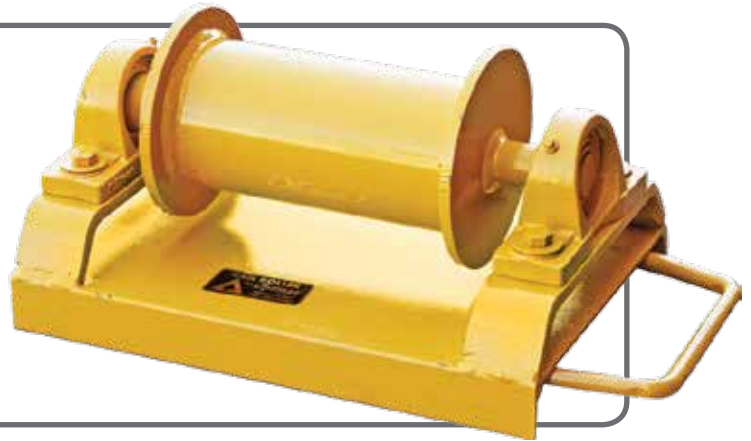
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RAIL ROLLERS FOR LAYING 1/4 MILE RAIL

OVERVIEW

Dymax Rail Rollers are ideal for laying new rail. Equipped with two heavy duty pillow block bearings, the Dymax Rail Rollers are spanned every 10-20 ties or can be ordered in "street" style models depending on your application.

Keep track of your standard style rollers with the Dymax Rail Roller stand Heavy duty and designed so you don't have to worry about palletizing and shipping between job sites.



FEATURES AND SPECIFICATIONS



Rail Rollers Stand



Standard Rail Roller straddling ties

Model #	Description/sleeper (tie) span	Weight lb	Weight kg
Rail Rollers - Rail Ties			
DX-RR-STD-18in-RAIL	Rail Roller, Standard Duty (18in - 45.72cm)	52	24
DX-RR-STD-30in-RAIL	Rail Roller, Standard Duty (30in - 76.00cm)	60	27
DX-RR-STR-18in-RAIL	Rail Roller, Street Model (18in - 45.72cm)	36	16
DX-RR-RRST-RAIL	Rail Roller, Rail Roller Stand Holds 56 Rollers	1,500	680
Rail Rollers - Street Design			
DX-RR-STR-18in-RAIL	Rail Roller - Street Model - 18 inches wide	36	16
DX-RR-RRST-RAIL-Street	Rail Roller - Rail Roller Stand Holds 56 Rollers	1,500	680

2017

- At DymaxRail we're always helping our customers. We look and listen to your needs and translate them into useful products that deliver more performance and life. Neil Balderson once said to "Stand behind what you build." We're here and always will be!
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1999-2016

- Ballast Blaster receives 2 US Patents and can be found working in Asia, Australia, New Zealand, Europe, North and South America.
-
- Dymax Rail Rider MP available for 8-25T excavators of all brands. We call it High Rail Simplified!
-
- Dymax develops assortment of railway attachments for excavators and backhoes such as Rail Rider BHL, Ballast Tampers, Tie Handling and Rail Handling equipment.
-
- Scott Balderson forms DymaxRail as a division of Dymax Inc., created to better serve the global rail market.
-

1997

- The Balderson family purchases Dymax and begins rebuilding the company to provide customers with "Get it the way you want it" products and service.
-
-

1990

- Clark sells Balderson Inc. to Caterpillar
-

1980's

- Clark Balderson sees a global marketplace and Balderson Inc. grows to become world's largest specialty attachments supplier providing unique solutions for customers.
-
-

1960-70's

- Pioneered oversized U-Blades for use on Dozers pushing Coal, Woodchips and Reclamation in mining operations. The Balderson quick coupler is launched and the company grows globally.
-
-

1940-50's

- Neil and Willard develop specialty products including dozer blades which helped shape the interstate highway system.
-

1930

- Neil Balderson builds his first V-Plow. Willard Balderson joins family business.
-



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