

DYMAX RAIL

RAIL RIDER SYSTEMS

RIDE THE RAILS

PIONEERING HI-RAIL SIMPLIFIED

HI-RAIL ATTACHMENTS FOR EXCAVATORS & BACKHOES

WHY WE MADE IT

In 2011, we built the first attachment-based hi-rail system for backhoe loaders, without permanently modifying the machine.

The industry said it couldn't be done with excavators. The X1 proved otherwise.

Now the X2 takes it further: patented wedge-locking adapters, modular architecture, and a simpler, cleaner install for 6T through 35T track excavators.

Because contractors don't need more dedicated machines sitting in the yard.

They need faster access.
Better mobility.
And a smarter way to get work done in remote rail environments.

From bridge work and tie jobs to vegetation management, switch maintenance, and emergency access, DymaxRail solutions are built to solve the everyday challenges faced by maintenance of way crews.

WHO WE ARE

FIVE GENERATIONS OF BALDERSON ENGINEERING

The Balderson family has been building attachment solutions for five generations. From Balderson Inc. to Dymax and now DymaxRail, the focus has always been the same — build durable, job-matched equipment that helps customers work safer, faster, and smarter.

Building better solutions is in our DNA.

WHEEL EXCAVATORS



Available in Base and Premium packages for stability and performance.

RAIL RIDER X2 - TRACK EXCAVATOR



Patented Rail Rider X2 — True hydrostatic drive hi-rail attachment. Install it in your shop. Get on rail in days.

BACKHOE LOADERS



LoPro, Standard Guide, and Stabilizer-Mounted Railgear Systems keep machines non-modified for road and rail use.

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

RAIL RIDER X2

- **No dedicated machine.**
- **No permanent commitment.**
- **No cutting. No welding.**
- **No compromise.**



HI-RAIL RE-IMAGINED IS REAL!

A SMARTER WAY TO WORK ON RAIL

DymaxRail builds hi-rail systems and railway maintenance attachments designed to help contractors, railroads, and transit agencies get more work done with the machines they already own.

We believe customers should not have to buy dedicated machines or permanently modify valuable equipment just to work on rail. That belief drives our focus on building stronger, simpler solutions for real-world railway work.

WE SIMPLIFIED THE WAY TO PUT MACHINES ON THE RAILS

ENGINEERED WITH PURPOSE



FOR 6T TO 36T EXCAVATORS



NO MODIFICATIONS - INSTALLS IN YOUR SHOP - WE'LL HELP YOU DO IT

DYMAXRAIL™

CHANGING THE WAY HI-RAIL IS DONE

RAIL RIDER X2 HI-RAIL ATTACHMENT



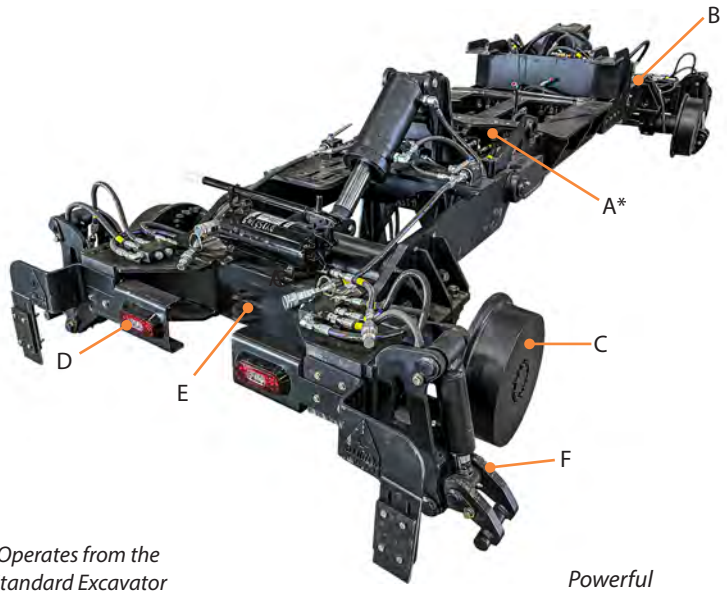
HI-RAIL YOUR **8-TON EXCAVATOR** IN DAYS

BUILT FOR **VERSATILITY**

OVERVIEW

Best For: Compact access + versatility + fast mobilization

Patented X2 wedge-locking railgear for 8-ton track excavators, delivering true attachment-based hi-rail performance. **No cutting. No welding. No permanent machine modifications.** Just a stronger, more stable platform that protects OEM integrity while giving contractors and railway operators a faster, lower-cost way to get on rail using existing fleets of new or used track excavators.



RAILGEAR FEATURES

- **A. No Machine Modifications:** Detachable heavy-duty frame designed for fast installation and simplified fit-up.
- **B. 2-Speed Hydrostatic Drive** systems and rail clamps operate through standard travel pedals, with no unnecessary manifold swaps.
- **C. 16-Inch Rail Wheels** provide heavy-duty service life and are available in insulated or non-insulated designs with replaceable brake shoes and fail-safe SAHR (spring-applied hydraulic release) braking. *Manual hydraulic hand pump supplied.*
- **D. Self-Contained Power Systems** with automatic directional lighting provide red and white illumination based on travel direction.
- **E. Tow Hitch** for moving trailers or carts, with rail sweeps to keep debris clear during rail operations.
- **F. Four Hydraulic Rail Clamps** operate through standard travel controls and provide exceptional over-side stability.
- **G. Pre-Hosed Assembly** for quick fit-up for Caterpillar 308, John Deere 85, and Komatsu PC88 and other 8-ton excavators.

**Features diagram shows X1 model. All other images are X2.*

Operates from the Standard Excavator Travel Pedals



Rail Clamp Engaged



Powerful Two-Speed Drive System



DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

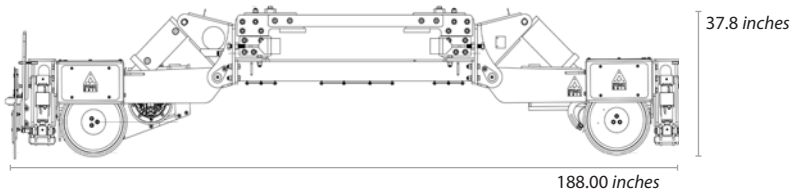
www.DYMAXRAIL.com
sales@DYMAXRAIL.com

MODELS	Description	Weight (lbs)
DX-RRDH-X2C-CAT308-HX-8T DX-RRDH-X2C-CAT309-HX-9T	Rail Rider Hydrostatic-X2 Series Mount with Rail Clamps-For CATERPILLAR 308	6,760
DX-RRDH-X2C-JD85-HX-8T	Rail Rider Hydrostatic-X2 Series Mount with Rail Clamps-For DEERE 85P	
DX-RRDH-X2C-KOMATSUPC88-HX-8T	Rail Rider Hydrostatic-X2 Series Mount with Rail Clamps-For KOMATSU PC88	
DX-RRDH-X2INSTALLDMX-HX-8T DX-RRDH-X2INSTALLREM-HX-8T	DymaxRail Installation @ Factory Remote Installation Assistance. *(Priced per customer.)*	

Design and specifications are subject to change without notice. Contact DymaxRail for 8-ton excavator models not listed.



Shipping Dimensions



All X2 models include labeled hoses, bulkhead connections, integrated manifolds, advanced valve technology, and Magnom filtration for simplified installation and faster, long-lasting hydraulic performance.

8 TON STANDARD - X2C

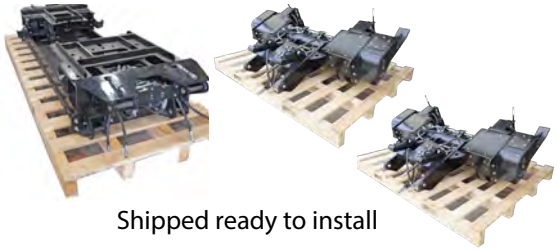
- Standard rail gauge (1435 mm / 56.50 in)
- Patented removable machine adapter with full undercarriage support.
- High-strength front and rear lift groups with integrated load checks.
- Hydraulic release, spring-applied shoe brakes on all wheels for maximum holding force.
- Replaceable DymaxRail non-insulated wheels. (Insulated upgrade available.)
- Rail sweeps and bolt-on underframe guard package.
- Single drive axle with 2-speed motor and gearbox.
- Tow hitch on both sides with included 4 foot tow bar.
- FRA installation kit including beacon, fire extinguisher, tape, decals, and first aid kit. (Available in U.S./Canada markets.)
- Four (4) hydraulic rail clamps.

8-TON OPTIONS

- Insulated design
- Roller clamps
- Narrow gauge configurations
- Broad gauge configurations



FRA installation kit for excavator fit-up and rail-ready installation.



Shipped ready to install

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAXRAIL™

CHANGING THE WAY HI-RAIL IS DONE

RAIL RIDER X2 HI-RAIL ATTACHMENT



HI-RAIL YOUR **15-TON EXCAVATOR** IN DAYS

BUILT FOR **EVERYDAY WORK**

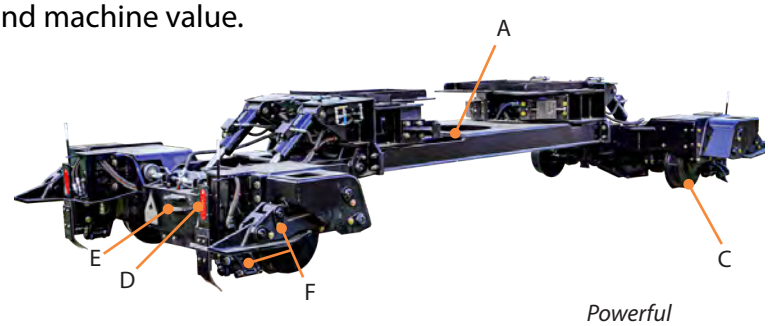
Best for: Production work + MOW + daily rail operations

Patented wedge-locking railgear for 15-ton track excavators delivers true attachment-based hi-rail performance for serious rail work. No cutting. No welding. No permanent machine modifications. Just a stronger, more stable platform designed for maintenance-of-way crews, material handling, and daily railway operations while protecting OEM integrity and machine value.

Operates from the standard excavator travel pedals

RAILGEAR FEATURES

A. **No Machine Modifications:** Detachable heavy-duty frame designed for fast installation and simplified fit-up.
B. **2-Speed Hydrostatic Drive** systems and rail clamps operate through standard travel pedals and require no unnecessary manifold swaps.
C. **16-Inch Rail Wheels** provide heavy-duty service life. Available in insulated or non-insulated designs with replaceable brake shoes and fail-safe SAHR (spring-applied hydraulic release) braking. *Manual hydraulic hand pump supplied.*
D. **Self-Contained Power Systems** with automatic directional lighting provide red and white illumination based on travel direction.
E. **Tow Hitch** for moving trailers or carts, with rail sweeps to keep debris clear during rail operations.
F. **Four Hydraulic Rail Clamps & Stabilizers** operate through standard travel controls and provide exceptional over-side stability.
G. **Pre-Hosed Assembly** for quick fit-up for Caterpillar 315, John Deere 135/145, Komatsu PC138 and other 12-15-ton excavators.



4 Stabilizers and 4 Rail Clamps

Powerful Two-Speed Drive System



DYMAX

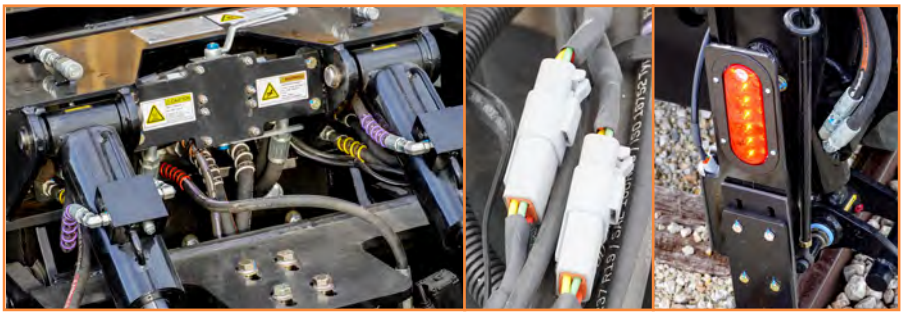
DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

MODELS	Description	Weight (lbs)
DX-RRDH-X2CS-CAT315-HX-15T	Rail Rider Hydrostatic-X2 Series Mount with Clamps and Stabilizers - Caterpillar 315	11,600
DX-RRDH-X2CS-DEERE135-HX-15T	Rail Rider Hydrostatic-X2 Series Mount with Clamps and Stabilizers-For John Deere 135	
DX-RRDH-X2CS-KOMATSUPC138-HX-15T	Rail Rider Hydrostatic-X2 Series Mount with Clamps and Stabilizers-For Komatsu PC138	
DX-RRDH-X2INSTALLDMX-HX-15T DX-RRDH-X2INSTALLREM-HX-15T	DymaxRail Installation @ Factory Remote Installation Assistance. *(Priced per Customer)*	

Design and specifications are subject to change without notice. Contact DymaxRail for 15-ton excavator models not listed.





15T - X2 ready to install

All X2 models include labeled hoses, bulkhead connections, integrated manifolds, advanced valve technology, and Magnom filtration for simplified installation and faster, long-lasting hydraulic performance.

15 TON STANDARD - X2CS

- Standard rail gauge (1435 mm / 56.50 in)
- Patented removable machine adapter with full undercarriage support.
- High-strength front and rear lift groups with integrated load checks.
- Hydraulic release, spring-applied shoe brakes on all wheels for maximum holding force.
- Replaceable DymaxRail non-insulated wheels. (Insulated upgrade available.)
- Rail sweeps and bolt-on underframe guard package.
- Single drive axle with 2-speed motor and gearbox.
- Tow hitch on both sides with included 4 foot tow bar.
- FRA installation kit including beacon, fire extinguisher, tape, decals, and first aid kit. (Available in U.S./Canada markets.)
- Four (4) hydraulic rail clamps.
- Four (4) hydraulic stabilizers.

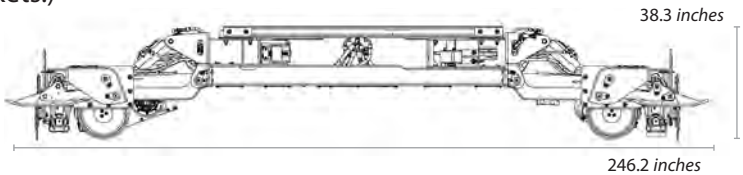
15-TON OPTIONS

- Insulated design
- Roller clamps
- Narrow & wide gauge design



FRA installation kit for excavator fit-up and rail-ready installation.

Shipping Dimensions



DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAXRAIL™

CHANGING THE WAY HI-RAIL IS DONE

RAIL RIDER X2 HI-RAIL ATTACHMENT



HI-RAIL YOUR **25-TON EXCAVATOR** IN DAYS

BUILT FOR **HEAVY DUTY WORK**

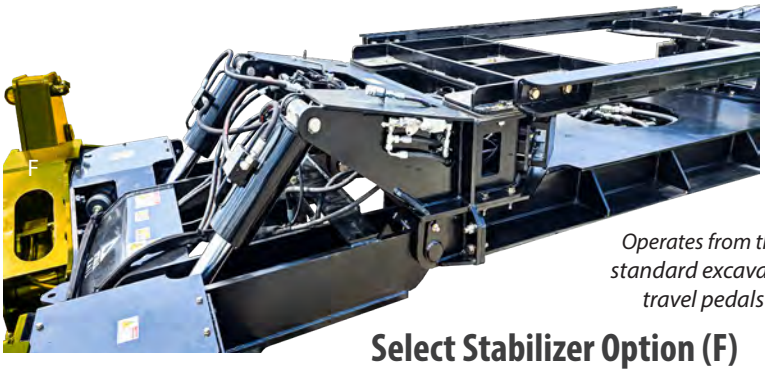
BEST FOR: PRODUCTION & HEAVY-DUTY WORK + MOW + DAILY RAIL OPERATIONS

Patented wedge-locking railgear for 25-ton track excavators delivers true attachment-based hi-rail performance for serious rail work. No cutting. No welding. No permanent machine modifications. Just a stronger, more stable platform designed for maintenance-of-way crews, material handling, and daily railway operations while protecting OEM integrity and machine value.

U.S. PATENT RAIL RIDER X2 No. 12,798,628

RAILGEAR FEATURES

- **A. No Machine Modifications:** Detachable heavy-duty frame designed for fast installation and simplified fit-up.
- **B. 2-Speed Twin-Axle Hydrostatic Drive** system and stabilizers operate through standard travel pedals and require no unnecessary manifold swaps.
- **C. 16-Inch Rail Wheels** provide heavy-duty service life. Available in insulated or non-insulated designs with replaceable brake shoes and fail-safe SAHR (spring-applied hydraulic release) braking. *Manual hydraulic hand pump supplied.*
- **D. Self-Contained Power Systems** with automatic directional lighting provide red and white illumination based on travel direction.
- **E. Tow Hitch** for moving trailers or carts, with rail sweeps to keep debris clear during rail operations.
- **F. Select Low-Profile or Outrigger Hydraulic Stabilizer Options**, both operating through standard travel controls for exceptional working stability.
- **G. Pre-Hosed Assembly** for quick fit-up for Caterpillar 325, John Deere 210, 245, Komatsu PC238 and other 20-25 ton track excavators.



Operates from the standard excavator travel pedals

Select Stabilizer Option (F)

B. Drive Systems



F1. Low Profile Stabilizer



F2. Outrigger Stabilizer



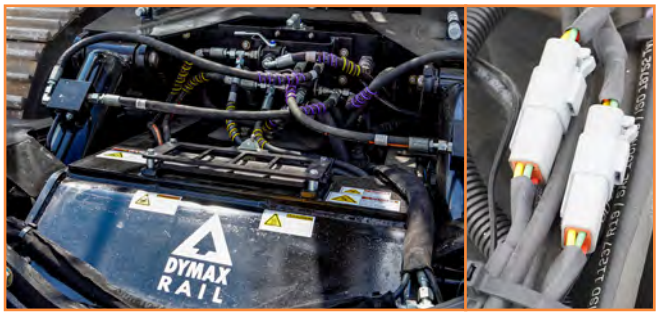
DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

MODELS	STABILIZER	DESCRIPTION	WEIGHT (LBS)
DX-RRDH-X2S-CAT320	Yes	Rail Rider Hydrostatic-X2 Series Mount with Stabilizers	16,000 w/o stabilizers
DX-RRDH-X2S-CAT325	Yes	Rail Rider Hydrostatic-X2 Series Mount with Stabilizers	
DX-RRDH-X2S-DEERE210	Yes	Rail Rider Hydrostatic-X2 Series Mount with Stabilizers	18,200 with stabilizers
DX-RRDH-X2S-DEERE245	Yes	Rail Rider Hydrostatic-X2 Series Mount with Stabilizers	
DX-RRDH-X2-DEERE250P	Optional	Rail Rider Hydrostatic-X2 Series Mount	
DX-RRDH-X2S-KOMATSUPC238	Yes	Rail Rider Hydrostatic-X2 Series Mount with Stabilizers	
DX-RRDH-X2INSTALLDMX		DymaxRail Installation @ Factory	
DX-RRDH-X2INSTALLREM		Remote Installation Assistance *(Priced per Customer)*	

Design and specifications are subject to change without notice. Contact DymaxRail for 20- to 25-ton excavator models not listed.





X2S-25T ready to install

All X2 models include labeled hoses, bulkhead connections, integrated manifolds, advanced valve technology, and Magnom filtration for simplified installation and faster, long-lasting hydraulic performance.

25 TON STANDARD - X2 / X2S

- Standard rail gauge (1435 mm / 56.50 in)
- Patented removable machine adapter with full undercarriage support.
- High-strength front and rear lift groups with integrated load checks.
- Hydraulic release, spring-applied shoe brakes on all wheels for maximum holding force.
- Replaceable DymaxRail non-insulated wheels. (Insulated upgrade available.)
- Rail sweeps and bolt-on underframe guard package.
- Twin drive axles with 2-speed motor and gearbox.
- Tow hitch on both sides with included 4 foot tow bar.
- FRA installation kit including beacon, fire extinguisher, tape, decals, and first aid kit. (Available in U.S./Canada markets.)
- Hydraulic stabilizers: Select between low-profile for compact clearance requirements or outriggers for wide stance stability.

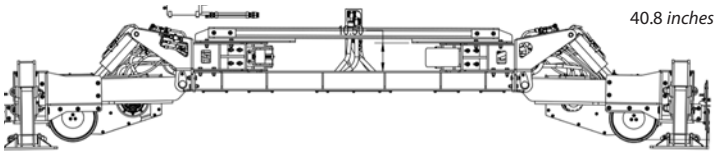
20 & 25-TON OPTIONS

- Insulated design
- Select stabilizer option



FRA installation kit for excavator fit-up and rail-ready installation.

Shipping Dimensions with Stabilizers



267 inches with Stabilizer Options

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAX

RAIL RIDER WX

WHEEL EXCAVATOR HI-RAIL ATTACHMENT

HI-RAIL SYSTEMS **FOR WHEEL EXCAVATORS**



WX1B FOR MACHINES WITH BLADES



WX4S FOR MACHINES WITH 4 STABILIZERS



The **DymaxRail Rail Rider Guide-WX** Series delivers a simplified hi-rail guidance solution for wheel excavators operating in railway maintenance, utility, transit, and infrastructure applications.

Designed for machines equipped with a front blade and rear stabilizers, the WX Series allows contractors and rail operators to convert standard wheel excavators for rail guidance without major machine modifications or complex dedicated rail conversions.

Designed For:

- Railway maintenance contractors
- Transit authorities
- Utility contractors
- Municipal infrastructure work
- Material handling and support operations
- Urban rail environments

GWX CONFIGURATIONS

- **Base Packages:** Rail guidance foundation package designed for customers integrating custom rail solutions or specialized configurations.
- **Premium Packages:** Enhanced packages feature additional stability, control, and operational features for demanding railway applications.

HYDROSTATIC DRIVE CUSTOM ENGINEERED SOLUTIONS



MAXIMUM PERFORMANCE. MAXIMUM POWER.

Available for select Caterpillar M320 and M322 wheel excavator platforms, DymaxRail Premium Packages are custom-engineered hi-rail solutions designed for demanding railway and urban transit applications.

Featuring powerful hydrostatic drive systems for enhanced travel performance and control, these packages are built to maximize mobility, stability, and operational capability on rail. Available 3rd-rail-compatible stabilizer systems provide additional safety and confidence when operating in transit and electrified rail environments.

GET ATTACHED TODAY.
NO CUTTING. NO CHOPPING. NO COMPROMISES.

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAXRAIL™

CHANGING THE WAY HI-RAIL IS DONE

RAIL RIDER WX1B HI-RAIL ATTACHMENT



HI-RAIL FOR **WHEELED EXCAVATORS** WITH BLADES

BUILT FOR VERSATILITY

Best for: Urban Settings + MOW + Daily Rail Operations

The Dymax Rail Rider WX1B is a simple hi-rail guidance system for wheel excavators with a front blade and rear stabilizers. Blade-mounted front guide wheels and a rear railgear assembly provide dependable rail guidance while keeping the excavator fully functional for off-rail work. Optional upgrades are available to match specific railway, transit, and utility applications.

WX1B-RAILGEAR BASIC FEATURES

- **Simple Rail Guidance System** — Economical solution for placing wheel excavators on rail.
- **Blade-Side Front Guide Wheels** — Front rail wheels mount directly to the excavator blade, which stays fully functional for dozing.
- **Stabilizer-Side Rear Railgear** — Rear rail wheels mount to the machine's existing stabilizers using removable, non-welded adapters.
- **Minimal Machine Changes —** Adds rail capability without the complexity of a full hi-rail conversion.
- **Simple & Familiar Controls —** Easy operation designed around existing excavator functions.
- **Cost-Effective Rail Access** — Ideal for contractors seeking occasional or light-duty rail guidance capability.



Lift Group with Axle

Blade Mount **Wheel Kit**



DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

MODELS - Premium Packages	Description	Weight (lbs)
DX-RRDG-WX1B-CATM314-HX-14T DX-RRDG-WX1B-CATM315-HX-15T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M314 Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M315	6,000 6,000
DX-RRDG-WX1B-CATM316-HX-16T DX-RRDG-WX1B-CATM318-HX-18T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M316 Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M318	6,500 6,500
DX-RRDG-WX1B-CASEWX160-HX-16T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Case WX160	6,500
DX-RRDG-WX1B-VOLEW160-HX-16T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Volvo EW160	6,500
DX-RRDG-WX1B-VOLEW180-HX-18T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Volvo EW180	6,500
DX-RRDG-WX2B-JCBHYDRADIG110 Premium Package w/ remote	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for JCB Hydradig 110W	6,800
DX-RRDG-WX2INSTALLDMX	DymaxRail Installation @ Factory - Wamego, KS	

Design and specifications are subject to change without notice.

14-18 TON RAILGEAR - WX1B

EXCAVATOR ARRANGEMENT

- Fits wheel excavators equipped with a front blade and 2 stabilizers
- For standard rail gauge: 1435 mm (56.50 in)

STABILIZER SIDE

- Removable non-welded machine adapters with full box-frame support
- Hydraulic-release, spring-applied shoe brakes on 2 rail wheels
- Rail sweeps
- Tow hitch on one side with included 4 foot tow bar
- Replaceable DymaxRail insulated rail wheels

BLADE SIDE

- Factory blade remains fully functional
- Slider-style railgear raises clear of the rail for off-track blade operation

OTHER FEATURES

- FRA installation kit including beacon, fire extinguisher, safety decals, reflective tape, and first aid kit (U.S. and Canada only)

CONTROL SYSTEM

- Manual valve control group
- Brake release pump with mount plate

OPTIONS & UPGRADES

- Insulated Rail Wheels
- Hydraulic Rail Clamps
- Enhanced Stabilizer Arms
- 3rd Rail Stabilizers
- Full Front Rail Axle + 3rd Rail Stablizers (Option) — Replaces the OEM blade assembly
- Customized Control Systems



3rd rail stabilizers



FRA installation kit for excavator fit-up and rail-ready installation.

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAXRAIL™

CHANGING THE WAY HI-RAIL IS DONE

RAIL RIDER WX4S HI-RAIL ATTACHMENT



HI-RAIL FOR **WHEEL EXCAVATORS**

BUILT FOR **PRODUCTION**

Best for: Production + MOW + Daily Rail Operations

The Dymax Rail Rider WX4S is a wheeled excavator hi-rail system built around the stability and performance of 4-stabilizer excavators. This railgear mechanically adapts to the host machine without cutting, welding, or modifying. Adding rail capability doesn't cost you anything on the wheel side — the excavator works the way it always has when the railgear comes off.

WX4S-RAILGEAR FEATURES

- **A. No Machine Modifications:** Heavy-duty non-welded frame adapters support the excavator's box frame structure to provide added rigidity and strength without transferring stress into the OEM undercarriage.
- **B. Split Style Railgear** allows the boom to stow lower for improved road transport.
- **C. Heavy Duty Flotation Tire Upgrade** provides improved tire coverage for working around rail yards and can be foam-filled for added ballast and puncture resistance. *(Optional on some models.)*
- **D. 16-Inch Rail Wheels** provide heavy-duty service life. Available in insulated or non-insulated designs with replaceable brake shoes and fail-safe SAHR (spring-applied hydraulic release) braking. *Manual hydraulic hand pump supplied.*
- **E. Self-Contained Power Source** with automatic directional lighting provides red and white illumination based on travel direction.
- **F. Tow Hitch** for moving trailers or carts, with rail sweeps to keep debris clear during rail operations.
- **G. Four Hydraulic Rail Clamps & 4 Enhanced Stabilizer Arms** operate through standard controls and provide exceptional stability.





DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

MODELS - Premium Packages	Description	Weight (lbs)
DX-RRDG-WX4S-CATM318-HX-18T	Rail Rider Guide-WX4S mount group with Clamps and Enhanced Stabilizers	10,800
DX-RRDG-WX4S-CATM320-HX-20T DX-RRDG-WX4S-CATM322-HX-20T	Rail Rider Guide-WX4S mount group with Clamps and Enhanced Stabilizers - Caterpillar M320 / M322	
DX-RRDG-WX4S-SENN718-HX-20T	Rail Rider Guide-WX4S mount group with Clamps and Enhanced Stabilizers - Sennebogen 718	
DX-RRDG-WX4S-VOLEW220-HX-20T	Rail Rider Guide-WX4S mount group with Clamps and Enhanced Stabilizers - Volvo EW220	
DX-RRDG-WX2INSTALLDMX	DymaxRail Installation @ Factory - Wamego, KS	

Design and specifications are subject to change without notice. Contact DymaxRail for wheel excavator models not listed.



Enhanced stabilizers fold inward for transport, and feature dual-position adjustment for added stability around ballast shoulders, while available super single tire packages for Cat M320/M322 and Volvo EW220 models improve rail contact and traction performance. Hydraulic rail clamps securely lock the machine to rail and include built-in visual position indicators.

18-22 TON RAILGEAR - WX4S

EXCAVATOR ARRANGEMENT = 4-Stabilizer Configuration

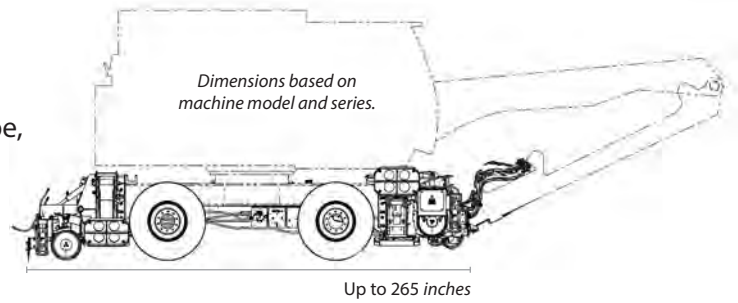
- Standard rail gauge (1435 mm / 56.50 in)
- Removable non-weld machine adapters with full box frame support.
- Radial lift group with full axle and split-slider box with full axle.
- Hydraulic release, spring-applied shoe brakes on all wheels for maximum holding force.
- Replaceable DymaxRail non-insulated wheels. (Insulated upgrade available.)
- Rail sweeps and bolt-on underframe guard package.
- Tow hitch on both sides with included 4 foot tow bar.
- FRA installation kit including beacon, fire extinguisher, tape, decals, and first aid kit. (Available in U.S./Canada markets.)
- Four (4) hydraulic rail clamps.
- Four (4) enhanced 2-position stabilizer arms with pads.

OPTIONS

- Insulated design
- Super single tire package – foam filled
- WX1B models for machines with blades.



FRA installation kit for excavator fit-up and rail-ready installation.



Up to 265 *inches*

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAX

RAIL RIDER *BL*

BACKHOE LOADER HI-RAIL ATTACHMENTS



GET YOUR BACKHOE **ON THE RAILS FAST!**



STANDARD
SINCE 2011. THE ORIGINAL RIDER.



LOPRO
NO WELD DESIGN. FAST INSTALL.



STABILIZER MOUNTED
AVAILABLE FOR CAT 420, 430, AND JOHN DEERE 710P







The Dymax Rail Rider lineup gives contractors, railroads, and transit operators a smarter way to get machines on rail without the complexity of dedicated conversions. From the proven G-BL backhoe guide systems to the permanently-mounted S-BL stabilizer series and the low-profile Lo-Pro configurations, Rail Rider solutions are engineered to improve mobility, simplify installation, and maximize machine versatility in demanding railway environments. Built for real-world maintenance-of-way work, these systems help crews move from road to rail quickly while preserving machine flexibility and reducing unnecessary downtime.

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAXRAIL

RAIL RIDER HI-RAIL SYSTEMS FOR BACKHOES



THE FASTEST WAY TO HI RAIL YOUR BACKHOE LOADER WITHOUT THE HEADACHES

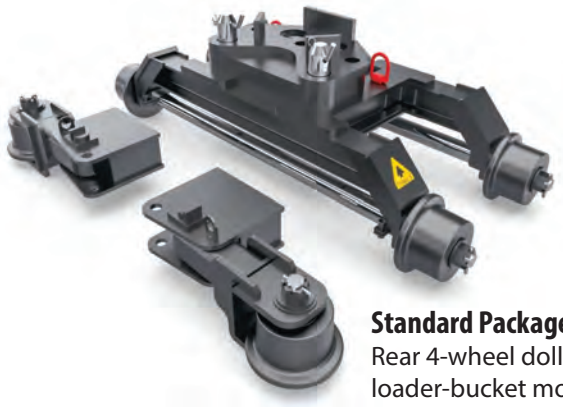
The Rail Rider backhoe hi-rail system is a simple, efficient, and cost-effective way to convert a standard backhoe loader into a hi-rail machine. Designed for contractors and railroad maintenance crews, it delivers a fast, practical path to getting on track—without permanently modifying your equipment.

Using this proven front rail guidance system and rear 4-wheel rail dolly, the machine travels smoothly on rail while maintaining full off-track functionality. The result is a versatile, job-ready hi-rail backhoe solution built for real railroad work.

Available for select Case, Caterpillar, John Deere, and JCB models and configurations.

APPLICATIONS

- **New track construction**
- **Maintenance of way applications**
- **Track rehabilitation & maintenance**



Standard Package
Rear 4-wheel dolly with loader-bucket mounted rail wheels.

KEY BENEFITS

- **Get to Work Without the Wait.** A fast, practical path to getting your backhoe on rail and productive.
- **Hi-Rail Simplified.** A straightforward system built to do the job without unnecessary complexity.
- **Stable, Proven Design.** Rear 4-wheel rail dolly delivers smooth, dependable on-track performance.
- **No Permanent Machine Modifications.** Keep your backhoe fully functional off track—no major changes required.
- **Economical Hi-Rail Solution.** Add rail capability without the cost of a dedicated hi-rail machine.
- **Focused Options, Not Endless Choices.** Insulated models and coupler mounted rail wheels kept simple on purpose.

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

WHEN YOUR JOB CAN'T WAIT

Get on track and go to work

Arrive at the jobsite with your backhoe ready for rail setup. Unload and position the rear 4-wheel rail dolly directly on the track, then lower the front railgear to engage the guidance wheels. Secure the pin latches, get on track, and go to work.









Why Rail Rider Backhoe Hi-Rail?

Rail work doesn't happen where it's easy—and getting equipment to the job is often the most expensive part.

Transport, extra machines, and downtime all add up before work even begins.

Rail Rider eliminates that waste.

By converting your existing backhoe into a hi-rail machine, you reduce mobilization costs, simplify your fleet, and get crews to remote worksites faster—with one machine that works on and off rail.



DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

RAIL RIDER OPTIONS

Options are engineered to match your specific application and may vary depending on the backhoe model and configuration.

INSULATED DESIGN

For customers selecting insulated rail wheels, the rear 4-wheel dolly is upgraded to a stub-shaft rear axle design and includes high-strength poly shims, washers, and spacer plates.

All insulated models are made to order



LOADER COUPLER MOUNT RAIL WHEEL KITS

Front loader coupler-mounted railgear kits are available for select models. Contact your Dymax Sales Representative to confirm compatibility with your specific machine setup.

DymaxRail also offers specialized coupler packages with integrated hydraulic railgear.



Installation

The standard Rail Rider backhoe hi-rail system installs using a rear adapter and front bucket-mounted rail wheels. Installation involves welding, cutting, and profiling, and can be completed by a technician with moderate skill.

Coupler-mounted systems may require additional setup, including welding, assembly, and hydraulic or electrical integration, depending on the machine.







DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

Models and Descriptions	Reference #	Weight (lbs)
Caterpillar Backhoe Loader 415, 416, 420, 430, 440		
DX-RRDG-LBW7-CAT415-BL-10 **DX-RRDG-LBW7-CAT416-BL-10** **DX-RRDG-LBW7-CAT420-BL-10** **DX-RRDG-LBW7-CAT430-BL-10** 6285D **DX-RRDG-LBW7-CAT440-BL-10**	**Rail Rider Guide - Loader bucket mounted weld-on railgear kit** **STANDARD FEATURES:** • Complete system with front mounted bucket adapter kit • Rear 4 wheel dolly with machine interface • 7.0 inch rail wheel diameter with bearings • Non insulated	1500
CATERPILLAR OPTIONS: Insulated railwheels, NextGen style IT coupler bolt-on rail wheel kit, Complete front IT coupler system with integrated rail wheels		
Case Backhoe Loader 580, 590		
DX-RRDG-LBW7-CASE580-BL-10 **DX-RRDG-LBW7-CASE590-BL-10** 6287D	**Rail Rider Guide - Loader bucket mounted weld-on railgear kit** **STANDARD FEATURES:** • Complete system with front mounted bucket adapter kit • Rear 4 wheel dolly with machine interface • 7.0 inch rail wheel diameter with bearings • Non insulated	1500
CASE OPTIONS: Insulated railwheels, Complete FFC coupler with integrated wheels		
Deere Backhoe Loader 310, 320, 410, 420		
DX-RRDG-LBW7-JD310-BL-10 **DX-RRDG-LBW7-JD320-BL-10** **DX-RRDG-LBW7-JD410-BL-10** **DX-RRDG-LBW7-JD420-BL-10** 6286D	**Rail Rider Guide - Loader bucket mounted weld-on railgear kit** **STANDARD FEATURES:** • Complete system with front mounted bucket adapter kit • Rear 4 wheel dolly with machine interface • 7.0 inch rail wheel diameter with bearings • Non insulated	1480
DEERE OPTIONS: Insulated railwheels, Coupler-mount rail wheel kit, Complete front coupler with integrated rail wheels compatible with 416 or older E-series.		
JCB Backhoe Loader 3CX		
DX-RRDG-LBW7-JCB3CX-BL-10 7075D	**Rail Rider Guide - Loader bucket mounted weld-on railgear kit** **STANDARD FEATURES:** • Complete system with front mounted bucket adapter kit • Rear 4 wheel dolly with machine interface • 7.0 inch rail wheel diameter with bearings • Non insulated	1500
JCB OPTIONS: Insulated rail wheels, JCB Qfit coupler-mounted weld-on rail wheel kit		

Design specifications are subject to change without notice. Contact DymaxRail sales to learn more 1-800-530-5407.

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAXRAIL

BUILT BETTER WHERE IT COUNTS

LOPRO RAIL RIDER FOR CAT BACKHOES





SUPERIOR HI-RAIL FOR CATERPILLAR BACKHOES

Built for Cat 416 420 & 430 IT models

The **LoPro Premium Rail Rider** is designed for customers who want better on-rail performance without the hassle of complex installation.

No welding required – this system uses a 5th-wheel hitch-style connection that mounts directly to a rear pin for faster install, easier removal, and a cleaner machine.

Larger diameter rail wheels deliver smoother tracking through curves and elevation changes, while integrated rail sweeps and a built-in park brake add control and safety where it matters.

APPLICATIONS

- **Rail-Ready Backhoe Solution for Maintenance of Way**
- **Class 1, Shortline, or Transits**

PREMIUM BENEFITS

- **No Guesswork. Just the Right Setup**. Pick from Basic, Plus, or FlexPlus and get to work with a rear and front railgear package that matches your job.
- **Get to Work Faster.** 5th-wheel hitch connection mounts directly to the rear pin. No welding, quicker setup, cleaner install. New pin supplied.
- **Premium Performance.** Full 180° boom articulation. No added complexity.
- **Smoother, More Stable Ride.** Larger diameter rail wheels improve tracking through curves and elevation changes.
- **No Permanent Machine Modifications.** Keep your backhoe fully functional off track – no major changes required.
- **Built-In Safety Where It Matters.** Integrated rail sweeps and manual park brake for added control on the track.

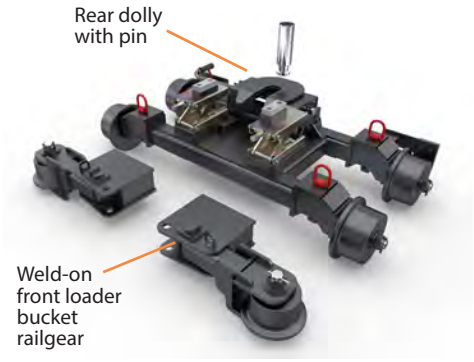
DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

SELECT YOUR LOPRO PACKAGE



LoPro Basic

REAR 4-WHEEL DOLLY WITH LOADER BUCKET MOUNTED RAIL WHEELS

Model No: DX-RRDG-LPBW7-CAT420-BL-10
Group Nos: 8665D1 Non-Insulated / 8666D1 Insulated
Standard Features: Rear 4-wheel dolly group and pin assembly. Featuring 9.0" rail wheels, park brake, and 5th wheel coupler adapter. Includes front loader bucket railgear with 7.0" rail wheels.

Weight: 1,500 lbs
Installation Requirements: Welding required for front railgear: 20-24 hours

LoPro Plus+

REAR 4-WHEEL DOLLY WITH CAT IT COUPLER MOUNTED RAILGEAR; MANUAL

Model No: DX-RRDG-LPQM7-CAT416-BL-10 / DX-RRDG-LPQM7-CAT420-BL-10 / DX-RRDG-LPQM7-CAT430-BL-10
Group No: 8667D1 Insulated / 8668D1 Non Insulated
Standard Features: Rear 4-wheel dolly group and pin assembly. Featuring 9.0" rail wheels, integrated park brake, and 5th-wheel coupler adapter. Includes bolt-on front railgear with manual lift, designed to fit the Cat IT OEM coupler.

Weight: 1,500 lbs
Installation Requirements: Mechanical assembly only. Estimated installation time: 8-10 hours.



LoPro FlexPlus+ Top of the line

REAR 4-WHEEL DOLLY WITH CAT IT COUPLER MOUNTED RAILGEAR; HYDRAULIC LIFT

Model No: DX-RRDG-LPQH7_I-CAT416-BL-10 / DX-RRDG-LPQH7_I-CAT420-BL-10 / DX-RRDG-LPQH7_I-CAT430-BL-10
Group No: 8510D2 Insulated
Standard Features: Rear 4-wheel dolly group and pin assembly. Featuring 9.0" rail wheels, integrated park brake, and 5th-wheel coupler adapter. Includes bolt-on front railgear with hydraulic lift, designed to fit the Cat IT OEM coupler.
Upgrades included: Enhanced stabilizer pads (DY201392)

Weight: 1,900 lbs
Installation Requirements: Mechanical assembly with integrated hydraulic and electrical components. Estimated installation time: 22–24 hours.



Box of parts shipped with dolly

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com

DYMAXRAIL

BUILT TO LAST.



RAIL RIDER S-BL

HI-RAIL SOLUTION FOR BACKHOE LOADER

Once installed it stays with you

Keep your railgear on your backhoe with the Dymax Rail Rider S-BL Hi-Rail system. We've engineered it to fit directly into the stabilizer mounts, making it an excellent choice for Class 1 railroads and transit operators.

The Rail Rider S Hi-Rail gear is engineered stronger to meet the everyday demands of the rail industry. The stabilizer mounted railgear fits into the factory pin locations and the factory stabilizers then fit onto the outside of the new brackets. A new outrigger pad is provided to help reduce the overall width of the machine when transporting on highways. With the Rail Rider S, operators never have to leave the cab to raise the railgear. Available to fit Case, Caterpillar and John Deere models of backhoes.

PACKAGED MODELS

RAIL RIDER S-BL - QCH7 SERIES FOR CATERPILLAR 420, 430, 440 & 450

- For Cat Next Generation backhoe loaders.
- Package includes stabilizer mounted railgear, new outrigger pads, bolt-on hydraulic lift railgear to fit factory IT coupler, cab control group.
- Operate boom in full 180-degree rotation.
- Fully installed in 4-5 days and includes testing and factory gauge checks. All installations currently handled by DymaxRail at our assembly shop located at 400 Miller Drive, Wamego, KS 66547
- Contact sales 1-800-530-5407 for more information.



REAR STABILIZER MOUNTED GUIDE KIT

For fitting Cat Next Generation backhoe loaders

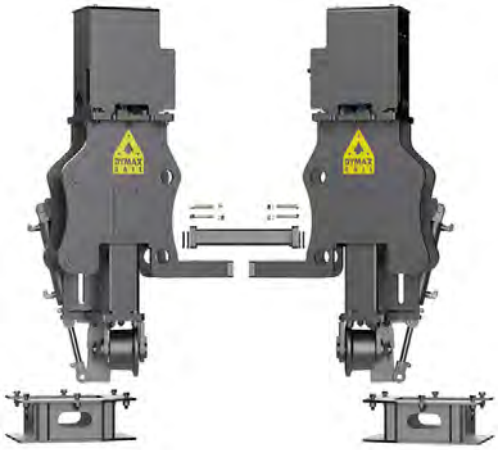


CAT IT COUPLER MOUNTED GUIDE KIT

For fitting Cat Next Generation backhoe loaders hydraulic lift gear

RAIL RIDER S-BL - DQH7 SERIES FOR JOHN DEERE 410 & 710

- Package includes stabilizer mounted railgear, new outrigger pads, Dymax-built front loader coupler with integrated hydraulic lift railgear, cab control group.
- Operate boom in full 180-degree rotation.
- Fully installed in 4-5 days and includes testing and factory gauge checks. All installations currently handled by DymaxRail at our assembly shop located at 400 Miller Drive, Wamego, KS 66547
- Contact sales 1-800-530-5407 for more information.



REAR STABILIZER MOUNTED GUIDE KIT

For fitting John Deere backhoe loaders



DYMAX FRONT COUPLER GUIDE

For fitting John Deere backhoe loaders hydraulic lift gear

DYMAX

OPTIONS



FRONT LOADER BUCKET RAILGEAR
Standard weld-on bucket mounted railgear for machinery without front loader couplers



RAIL CLAMPS
Optional solution to aid in reducing derail issues. currently availibe for John Deere 710P models.
Operates through separate controls only.
Coming soon to other brands.

WORK ATTACHMENTS



TIE HANDLER



TIE CRANE SLIDE GRAPPLE



CRIBBING CLAM BUCKET



BALLAST TAMPER SERIES 14



THUMB &CRIBBING BUCKET

SPECIFICATIONS



CATERPILLAR 420, 430, 440, 450

MODEL	DESCRIPTION	Weight (lbs) added to machine
QCH7 Models feature railgear that fits onto the front IT coupler system along with rear stabilizer mounted railgear systems.		
DX-RRDS-QCH7-CAT416-BL-10	Rail Rider Stabilizer Mounted-Factory Coupler Mounted Bolt on Hydraulic Lift Railgear Kit, 7in wheel diameter-Caterpillar 416-Backhoe Loader-Class 10	2,700
DX-RRDS-QCH7-CAT420-BL-10	Rail Rider Stabilizer Mounted-Factory Coupler Mounted Bolt on Hydraulic Lift Railgear Kit, 7in wheel diameter-Caterpillar 420-Backhoe Loader-Class 10	2,700
DX-RRDS-QCH7-CAT430-BL-10	Rail Rider Stabilizer Mounted-Factory Coupler Mounted Bolt on Hydraulic Lift Railgear Kit, 7in wheel diameter-Caterpillar 430-Backhoe Loader-Class 10	2,700
DX-RRDS-QCH7-CAT450-BL-20	Rail Rider Stabilizer Mounted-Factory Coupler Mounted Bolt on Hydraulic Lift Railgear Kit, 7in wheel diameter-Caterpillar 450-Backhoe Loader-Class 20	2,700
DQH7 Models are supplied with front Dymax Coupler with hydraulic lift railgear and rear stabilizer mounted systems.		
DX-RRDS-DQH7-CAT440-BL-20	Rail Rider Stabilizer Mounted-Dymax Front Coupler with Hydraulic Lift Railgear Kit, 7in wheel diameter-Caterpillar 440-Backhoe Loader-Class 20	2,850
DX-RRDS-DQH7-CAT450-BL-20	Rail Rider Stabilizer Mounted-Dymax Front Coupler with Hydraulic Lift Railgear Kit, 7in wheel diameter-Caterpillar 450-Backhoe Loader-Class 20	2,850
LBW7 Models are supplied with front loader bucket mounted railgear and rear stabilizer mounted systems.		
DX-RRDS-LBW7-CAT420-BL-10	Rail Rider Stabilizer Mounted-Loader Bucket Weld-On Railgear Kit, 7in wheel diameter-Caterpillar 420-Backhoe Loader-Class 10	2,475
DX-RRDS-LBW7-CAT430-BL-10	Rail Rider Stabilizer Mounted-Loader Bucket Weld-On Railgear Kit, 7in wheel diameter-Caterpillar 430-Backhoe Loader-Class 1	2,475
DX-RRDS-LBW7-CAT440-BL-20	Rail Rider Stabilizer Mounted-Loader Bucket Weld-On Railgear Kit, 7in wheel diameter-Caterpillar 440-Backhoe Loader-Class 20	2,475
DX-RRDS-LBW7-CAT450-BL-20	Rail Rider Stabilizer Mounted-Loader Bucket Weld-On Railgear Kit, 7in wheel diameter-Caterpillar 450-Backhoe Loader-Class 20	2,475

SPECIFICATIONS



JOHN DEERE 410, 710

MODEL	DESCRIPTION	Weight (lbs) added to machine
DQH7 Models are supplied with front Dymax Coupler with hydraulic lift railgear and rear stabilizer mounted systems. Coupler is compatible with JRB type hookups.		
DX-RRDS-DQH7-JD710P-BL-20	Rail Rider Stabilizer Mounted-Dymax Front Coupler with Hydraulic Lift Railgear Kit, 7in wheel diameter-John Deere 710P-Backhoe Loader-Class 20	2,850
DQW7 Models are supplied with front Dymax Coupler with manual flip down railgear and rear stabilizer mounted systems. Coupler is compatible with JRB type hookups.		
DX-RRDS-DQW7-JD410L-BL-10	Rail Rider Stabilizer Mounted-Dymax Front Coupler with Weld-On Railgear Kit, 7in wheel diameter-John Deere 410L-Backhoe Loader-Class 10	2,790
DX-RRDS-DQW7-JD710P-BL-20	Rail Rider Stabilizer Mounted-Dymax Front Coupler with Weld-On Railgear Kit, 7in wheel diameter-John Deere 710P-Backhoe Loader-Class 20	2,790
LBW7 Models are supplied with front loader bucket mounted railgear and rear stabilizer mounted systems.		
DX-RRDS-LBW7-JD410L-BL-10	Rail Rider Guide-Rear Dolly with Dymax Front Coupler with Weld-On Railgear Kit, 7in wheel diameter-John Deere 310-Backhoe Loader-Class 10	2,475
DX-RRDS-LBW7-JD710P-BL-20	Rail Rider Guide-Rear Dolly with Dymax Front Coupler with Weld-On Railgear Kit, 7in wheel diameter-John Deere 410-Backhoe Loader-Class 10	2,475
Design and specifications are subject to change without notice		

DYMAX

DYMAXRAIL
402 Miller Drive
Wamego, KS 66547 USA

Toll Free: 800.530.5407 (USA/CAN)
Office: +1.785.456.2081
Fax: +1.785.456.8328

www.DYMAXRAIL.com
sales@DYMAXRAIL.com



402 Miller Drive | PO BOX 297 | Wamego, KS 66547 USA
US: 1-800-530-5407 | WORLD WIDE: 785-456-2081