



**DYMAX
RAIL**

RAIL RIDER SYSTEMS

RIDE THE RAILS

WITHOUT MACHINE COMPROMISE

HI-RAIL ATTACHMENTS FOR EXCAVATOR & 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: patent-pending wedge-locking adapters, modular architecture, and a simpler, cleaner install for 6T through 36T 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.



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WHEEL EXCAVATORS



Available in Base and Premium packages for stability and performance.

RAIL RIDER X2 - TRACK EXCAVATOR



Patent-Pending 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.



RAIL RIDER X2

TRACK EXCAVATOR HI-RAIL ATTACHMENT



PATENT PENDING **DETACHABLE RAILGEAR SYSTEMS**

WHERE THE NON-MODIFIED
EXCAVATORS RIDE

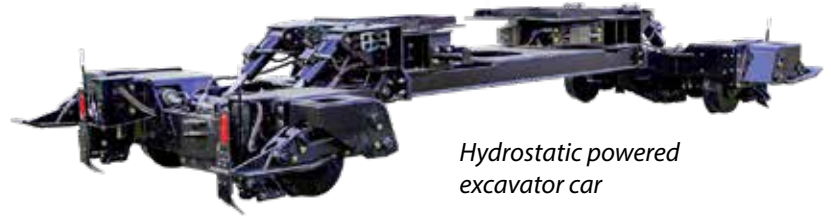
GET ATTACHED TODAY.
NO CUTTING. NO CHOPPING. NO COMPROMISES.
INSTALL IT THROUGH OUR TRUSTED PARTNERS OR
WE'LL HELP YOU DO IT IN YOUR OWN SHOP.

HI-RAIL SIMPLIFIED. IT'S... RIDE-AWAY!



THE X2 DIFFERENCE - HOW IT ATTACHES

- Patent-pending wedge-locking adapter system creates a secure, non-welded connection to the excavator.
- Full underframe support design improves stability, safety, and machine support.
- No cutting, welding, or permanent machine modifications required.
- Modular front and rear railgear assemblies remove for off-track flexibility.
- Pre-hosed hi-rail system designed for simplified dealer or in-shop installation.



Hydrostatic powered excavator car

EXPLORE RAIL RIDER X2 MODELS BY SIZE

FEATURES & INSTALLATION

- Hi-rail excavator car pre-hosed and ready for simplified installation.
- Installation available through DymaxRail, partner dealers, or your own shop.
- Red/white directional lighting, automatic and self-contained.
- Single-motor hydrostatic drive with 2-speed travel performance.
- Integrated rail clamps on (8T or 15T) models or stabilizers (15T) for secure on-rail operation.

DON'T MISS OUT ON THE CONTINUED ROI

A permanently-modified excavator is a depreciating asset. At the end of its lifecycle, the only person who wants it is another rail contractor. You invested *tons of money* in that machine. The next owner didn't and now they're bidding against you.

Are you sick of funding your own competition?

**The Dymax Rail Rider X2 is different.
Keep the X2 railgear. Sell the excavator.
*Re-invest the savings!***

X2-8T



X2-15T



OUR LINEUP IS EXPANDING

SUMMER 2026

X2-25 TON
CAT 325/326
DEERE 245 & 250
KOMATSU PC238

FALL 2026

X2-BLADE RIDER EDITION
6 & 13 TON
EXCAVATORS



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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.



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RAIL RIDER *BL*

BACKHOE LOADER HI-RAIL ATTACHMENTS



RAIL RIDER STANDARD

GET YOUR BACKHOE ON THE RAILS FAST!



RAIL RIDER LOPRO

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.



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RAIL RIDER X2 HI-RAIL ATTACHMENT



HI-RAIL YOUR 8-TON EXCAVATOR IN DAYS

BUILT FOR VERSATILITY

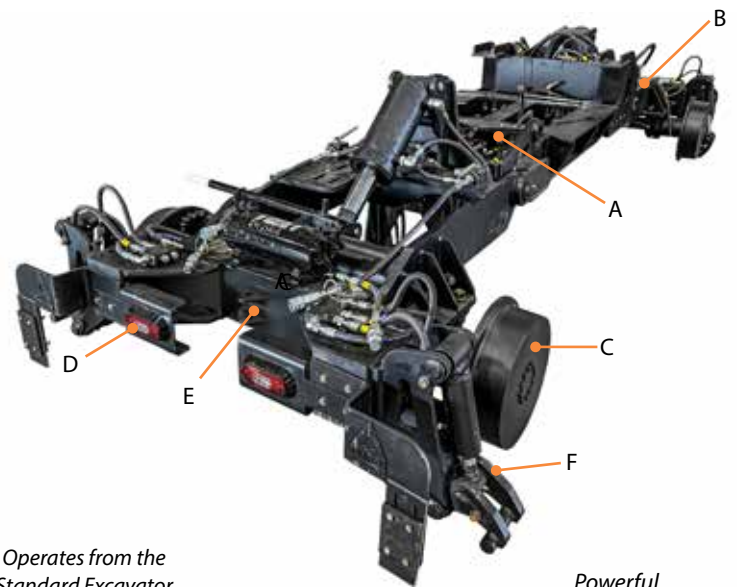
OVERVIEW

Focus: Compact access + versatility + fast mobilization

Patent-pending 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.



Operates from the Standard Excavator Travel Pedals

Rail Clamp Engaged

Powerful Two-Speed Drive System



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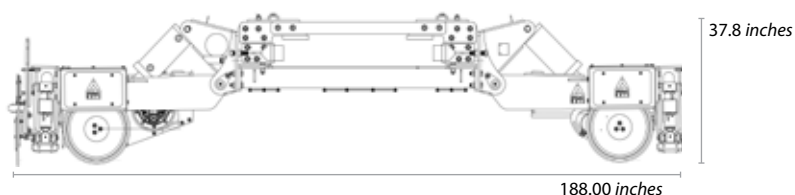
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MODELS	Description	Weight (lbs)
DX-RRDH-X2C-CAT308-HX-8T DX-RRDH-X2C-CAT309-HX-9T	Rail Rider Hydrostatic-X2 Series Mount with Rail Clamps-For CATERPILLAR 308	6,760
DX-RRDH-X2C-JD85-HX-8T	Rail Rider Hydrostatic-X2 Series Mount with Rail Clamps-For DEERE 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 Magnum filtration for simplified installation and faster, long-lasting hydraulic performance.

8 TON STANDARD - X2C

- Standard rail gauge (1435 mm / 56.50 in)
- Patent-pending 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



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RAIL RIDER X2 HI-RAIL ATTACHMENT



HI-RAIL YOUR 15-TON EXCAVATOR IN DAYS

BUILT FOR EVERYDAY WORK

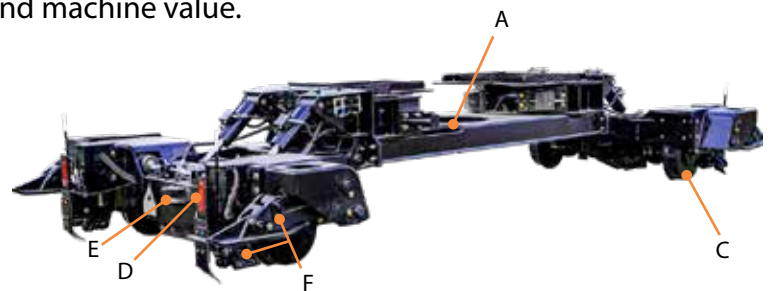
Best for: Production work + MOW + daily rail operations

Patent-pending 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



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-JD135-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)
- Patent-pending 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.

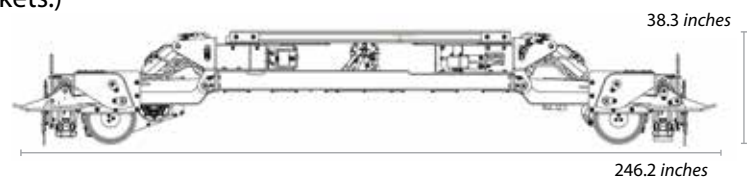
15-TON OPTIONS

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



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

Shipping Dimensions



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RAIL RIDER WX4S HI-RAIL ATTACHMENT



HI-RAIL FOR WHEEL EXCAVATORS

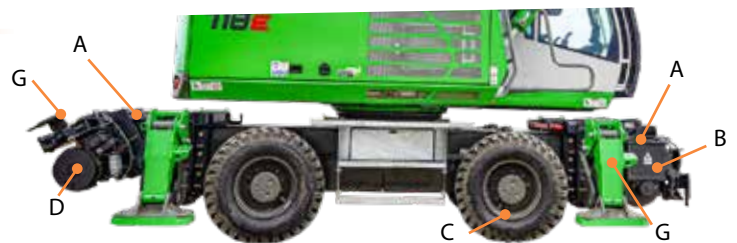
BUILT FOR PRODUCTION

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.



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

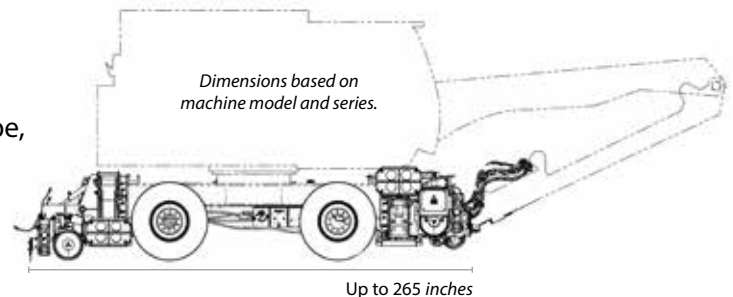
- Standard rail gauge (1435 mm / 56.50 in)
- Removable non-weld machine adapters with full box frame support.
- Radial lift group with full axle and split-slider box with full axle.
- Hydraulic release, spring-applied shoe brakes on all wheels for maximum holding force.
- Replaceable DymaxRail non-insulated 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.



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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



MODELS - Premium Packages	Description	Weight (lbs)
DX-RRDG-WX1B-CATM314-HX-14T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M314	6,000
DX-RRDG-WX1B-CATM315-HX-15T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M315	6,000
DX-RRDG-WX1B-CATM316-HX-16T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M316	6,500
DX-RRDG-WX1B-CATM318-HX-18T	Rail Rider Guide-WX1B with 1 blade, 2-stabilizers for Caterpillar M318	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 Stabilizers (Option) — Replaces the OEM blade assembly
- Customized Control Systems



3rd rail stabilizers



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



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