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

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DYMAXRAIL

RAIL RIDER HI-RAIL SYSTEMS FOR BACKHOES



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

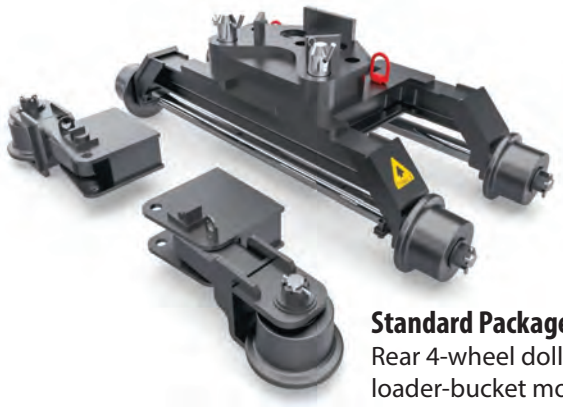
The Rail Rider backhoe hi-rail system is a simple, efficient, and cost-effective way to convert a standard backhoe loader into a hi-rail machine. Designed for contractors and railroad maintenance crews, it delivers a fast, practical path to getting on track—without permanently modifying your equipment.

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.

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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.



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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.







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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.

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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.

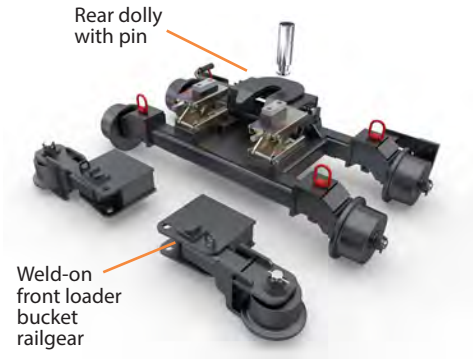
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SELECT YOUR LOPRO PACKAGE



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

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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

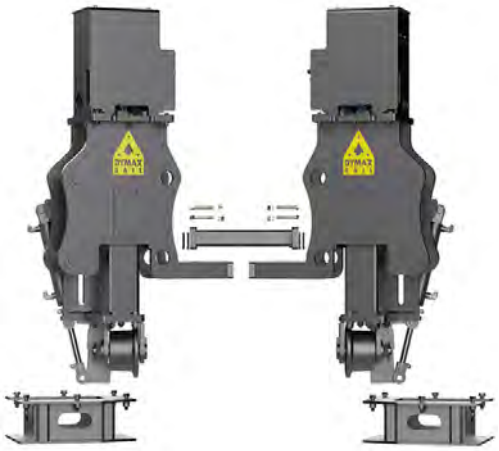


CAT IT COUPLER MOUNTED GUIDE KIT

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		

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