



**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 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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