

# DYMAXRAIL

RAIL RIDER MPX - MOTORIZED HI-RAIL  
CART FOR TRACKED EXCAVATORS





**DYMAXRAIL**

**THE FAST TRACK TO UNLIMITED ACCESS**

# DYMAX

## RAIL RIDER MPX25-30



From embankments to under bridges, take your excavator to hard-to-reach locations with the Dymax Rail Rider MPX. Unlike any other equipment in the market, the Rail Rider MPX eliminates the need for undercarriage alterations. Use your existing excavator without limiting yourself to a rail-only gear installation. The Rail Rider MP works on multiple brands of excavators and allows you to retain your equipment's original value. Switch your equipment without spending more money on a new conversion kit or high cost, permanent machine modifications.



# RAIL RIDER MPX MOTORIZED HI-RAIL CARTS

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Dymax Rail Rider MPX2530 Series with TR40 Lo-Drill attachment ready to drill. Now working on Transit lines in the Northeast USA.



**PLUG AND PLAY  
HYDROSTATIC RAIL GEAR**



Dymax Rail Rider MP1620 with VortexMax ready to demolish brush and vegetation alongside rail line in Kansas.



Dymax Rail Rider MP8 at work in Missouri on Kansas City Southern lines. Drum style brushcutters on small excavators are a productive tool.

**RAIL RIDER MPX - RAILWAY SKATEBOARD**



# GREATER STABILITY

HYDRAULIC STABILIZERS  
AND RAIL CLAMPS

## 1-DAY INSTALL

FAST. SIMPLE. RELIABLE.  
RETAIN EXCAVATOR VALUE  
NO ROTARY MANIFOLD CHANGEOUT

The **Dymax Rail Rider MPX** quickly taps into the excavator's hydraulic system without having to go through the rotary manifold. Each model features hydraulic stabilizers & rail clamp options to provide stable operation when drilling holes or driving sheet piles or performing other track maintenance tasks.

The **Dymax Rail Rider MPX** features hydraulic service and park braking that operate through the excavator travel pedals. Powerful drive motor performance with dynamic traction control provides operators with hydrostatic like feel providing smooth and controlled performance. Integrated lighting with travel alarm is powered by self contained battery and solar chargers. All models include towing hitches and are provided with a single tow bar and lifting chains.

Dymax Rail Carts for towing materials with your Rail Rider MPX are available and feature hydraulic brakes that work with the same circuits as your MPX. Capacities vary up to 45 tons.

**HI-RAIL SIMPLIFIED. WE MAKE IT EASY.**



**“THE EXCAVATOR'S SKATEBOARD TO THE RAILS. RAIL RIDER MPX DELIVERS HI-PERFORMANCE AND WORKS WITH MULTIPLE MACHINE BRANDS. IT'S HI-RAIL SIMPLIFIED AND IT'S YOUR TICKET TO RIDE”**



**RAIL RIDER MPX - THE MOST ADVANCED  
MOTORIZED CART FOR TRACKED EXCAVATORS**

# THINK ABOUT IT...

	<b>Rail Rider MPX for Tracked Excavators</b>	<b>Railgear put on Tracked Excavator</b>
<b>Installation</b>	<ul style="list-style-type: none"> <li>Hydraulic Kit Installs in 1 day and removes from excavator in less than an hour.</li> <li>Very adaptable to all machines within machine class/size.</li> <li>RR MPX is manufactured and the excavator is not required for modification, allowing customer to continue using machine.</li> <li>Dymax delivers RR MPX direct and adaptation of machine is made on location.</li> </ul>	<ul style="list-style-type: none"> <li>Customer buys an excavator and sends it off to some unknown location for modification.</li> <li>6-8 months later machine is shipped back.</li> </ul>
<b>Adaptability</b>	<ul style="list-style-type: none"> <li>Works with multiple brands of excavators in a given class.</li> <li>In some cases smaller machines can operate the unit on rail.</li> <li>Additional machines can use same MPX system by adding a hydraulic kit to the excavator.</li> <li>I.e., 4 or 5 machines could be setup to operate the RR MPX, expanding customer's ability to maximize efficiency and performance.</li> </ul>	<ul style="list-style-type: none"> <li>Customer only has the 1 machine.</li> <li>For more machines, additional investment is required to convert those machines and this results in hundreds of thousands of dollars tied into 1 machine.</li> </ul>
<b>Stability</b>	<ul style="list-style-type: none"> <li>RR MP is outfitted with rail clamps and 4 point stabilizers.</li> <li>This provides nearly 2x capacity from the RR MPX when used.</li> <li>The excavator does sit atop the MP so height off rail is more than a dedicated railgear equipped machine.</li> </ul>	<ul style="list-style-type: none"> <li>Permanently mounted railgear on crawler excavators can present problems if machine is needed to work off rail.</li> <li>Gear can get bound up in mud and debris.</li> <li>Low ground pressure advantage of a tracked excavator is negated when adding all the weight of dedicated railgear.</li> <li>Dedicated rail gear does have a lower overall height than RR MP by about 12 inches (300 mm) depending on the model.</li> </ul>
<b>Servicing</b>	<ul style="list-style-type: none"> <li>RR MPX provides for rather easy troubleshooting, since the rail gear is separated from the excavator.</li> <li>The RR MP can be serviced, while the excavator can continue to work, or vice versa.</li> </ul>	<ul style="list-style-type: none"> <li>If railgear needs service, machine is taken out of service also.</li> </ul>
<b>Pricing</b>	<ul style="list-style-type: none"> <li>1 price per RR MPX per Excavator Class size.</li> <li>When machine is ready for trade in, remove hydraulic kit and it is a standard excavator.</li> <li>Keep the RR MP for the new machine!</li> </ul>	<ul style="list-style-type: none"> <li>Pricing can vary depending upon the brand of machine.</li> <li>When machine is ready for trade-in, it is only suitable for a rail market use.</li> <li>A new replacement machine requires all new dedicated high-rail gear.</li> </ul>



# RAIL RIDER MPX MOTORIZED HI-RAIL CARTS

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## INNOVATIVE LIGHTING SYSTEMS

No plugs to worry about. No power source required. All Dymax Rail Rider MPX carts feature integrated lighting and alarms powered through deep cycle batteries and with solar panel chargers. Available with directional lighting, LED spot lamp or in wig wag flashing patterns.

## ADAPT MULTIPLE MACHINES

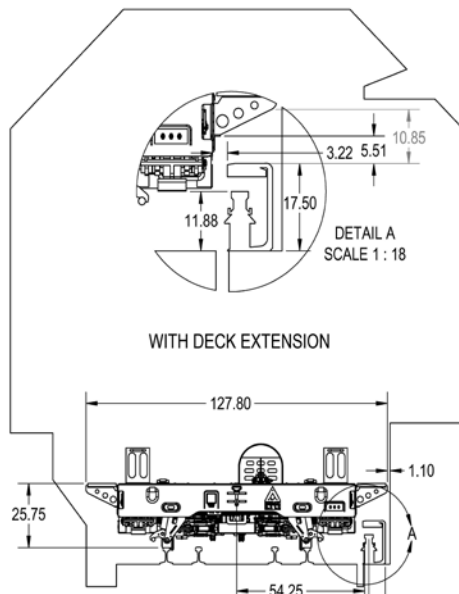
Each Dymax Rail Rider MPX is provided with 1 Excavator Control Group. Control group features control valves and disconnects ready to work with the Dymax Rail Rider MPX hydraulic lines installed at the factory. Each kit takes approximately 1/2 to 1 day to complete the installation.

## POWER & SPEED + YOU CAN TOW IT.

Dymax Rail Rider MPX Hi-Rail Carts feature 2WD or 4WD hydrostatic rail gear. Speed up to 13 mph in 2WD mode or quickly pull up to 90 tons in 4WD mode with your MPX2530. Each Rail Rider MPX features an integrated towing hub design allowing operators to tow the cart.

## TRANSIT SYSTEMS & 3RD RAIL

Dymax Rail Rider MPX Hi-Rail Carts are engineered to work with 3rd rail applications and can easily accommodate varying gauge networks. For custom solutions contact Dymax Rail sales.



## TRAINING



Dymax Rail provides free operator training on the initial install and setup for the Rail Rider MPX. This 2 day course covers assistance in installation of the Excavator Control Group along with maintenance and operational tips.

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## RAIL RIDER MPX FOR 8T-36T EXCAVATOR MACHINES

Model / Series	MPX810	MPX1214	MP1620	MP2530	MP3600
Drive Type	2WD	2WD / 4WD	2WD / 4WD	2WD / 4WD	4WD
Excavator Size (tons) MAX	8T	12-14-15T	16-18-20T	25-30T	36T
Deck Size (feet) width	8'	8'4"	8'4" + 19" outboards	8'4" + 19" outboards	8'4" + 19" outboards
Deck Size (feet) length	10'	13'	16'	18'	20'
Ramps (feet) length	3'	3'	3'	3'	3'
Decking material	Hardwood/Tread Plate Combination	Hardwood/Tread Plate Combination	Hardwood/Tread Plate Combination	Hardwood/Tread Plate Combination	Hardwood/Tread Plate Combination
Speed Max 2WD (mph)	11-13	11-13	11-13	11-13	11-13
Speed Max 4WD (mph)	5-7	5-7	5-7	5-7	5-7
The speed above is approximate. Details will vary depending on age of machine and brand and overall pump performance. Wind, wet rail and other variables all limit performance on rail.					
Stabilizer/Clamps	4x stabilizer	4x stabilizer	4x stabilizer 2x clamp	4x stabilizer 2x clamp	4x stabilizer 2x clamp
MAX GVW (lbs)	30,000	40,000	60,000	80,000	95,000
Weight (lbs)	5,400 - 6,000	7,900 - 8,500	11,000 - 12,000	15,000 - 16,000	19,000 - 20,000
Weights are approximate and vary depending upon exact specifications and options included.					

Specifications subject to change without notice. Contact DymaxRail for control group details



[WWW.DYMAXRAIL.COM](http://WWW.DYMAXRAIL.COM)

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