

COMPACT COLD PLANER

RX-400e/ex



Compact Cold Planer **RX-400**



ENGINE

RX-400e: Tier 4i; Caterpillar® C-9.3 325 hp (242 kW) @ 1,800 rpm

RX-400ex: Tier 3; Caterpillar® C-9.3 325 hp (242 kW) @ 1,800 rpm*

* ex machines for lesser regulated countries

OPERATING WEIGHT

47,000 lbs (21,319 kg)

FEATURES



Overview: RX:400

The compact RX-400 cold planer is tailor-made for commercial applications and narrow milling projects. A unique cutter housing design allows efficient material evacuation at any cut depth and width. The RX-4000 cuts up to 12.5" (320 mm) deep with cut widths from 2'- 5' (610 - 1,524 mm) available

RX-400 Cold Planers: High Productivity & Low Cost of Ownership

Powerful and well-balanced, the RX-400 offers you solid design features, systems that are simple to troubleshoot, and parts that are non-proprietary and cost less. Plus you get exclusive features like our Guardian™ remote telematics and diagnostics system.

Frame

All Roadtec milling machines start with an extremely strong frame completely fabricated, welded and assembled by us. This gives us complete control over the design and quality of the build. We are the only manufacturer to use A656 Grade 80 steel throughout the frame. This special grade of steel has twice the strength of the mild steel that is commonly used. This allows us to build stronger frame than anybody else in the industry without adding weight.

Bolt-On Track Pads Standard

Bolt-on track pads come standard on the RX-400. Now when your track pads wear out you can simply unbolt the old ones and bolt-on new ones, saving you precious time and money. No more changing grousers and wasting them.

Dual Water Spray Bars

Roadtec milling machines have two independent spray bars to inject water in the cutter housing. The front spray bar is primarily for dust suppression, the rear spray bar cools the cutting teeth.

Secondary Conveyor Swing

All Roadtec milling machines offer 60° conveyor swing, allowing you to easily feed a truck in an adjacent lane or around a tight bend such as in a cul-de-sac.

Folding Conveyor

A folding secondary conveyor is available as an option on all Roadtec milling machine models to aid in transport and loading.



Options

Miscellaneous

- Hydraulically folding secondary conveyor
- Automated lubrication system

Additional Lighting

- Night light package – four 24v high intensity discharge lights enhance visibility for work performed in the night hours

Cutter Systems

- Variable cutter systems -VCS®
- Profiling or micro-milling drums

SPECIFICATIONS

ENGINE

- RX-400e: Tier 4i; Caterpillar® C-9.3 325 hp (242 kW) @ 1,800 rpm
- RX-400ex: Tier 3; Caterpillar® C-9.3 325 hp (242 kW) @ 1,800 rpm

WEIGHT

- 47,000 lbs (21,314 kg)

ELECTRICAL SYSTEM

- 24v system with onboard and remote diagnostics via Roadtec Guardian™ Remote Telematics System
- Two 8D batteries & 105 amp alternator
- Emergency engine shut-down; cutter disengages and engine shuts down when rear cutter door is opened

PROPEL SYSTEM

- Hydrostatic drive with automatic traction control
- Hydraulically controlled suspension. Manual and automatic.

SPEED

- Travel 0-4 mph (0-6.5 kph)
- High working 0-172 fpm (55 mpm)
- Low working 0-114 fpm (35 mpm)

TRACKS

- Direct hydraulic, planetary track drives. Bolt-on, replaceable poly track pads 10" (254 mm) wide.

TURNING RADIUS

- 10'-6" (3,201 mm)

OPERATOR STATION

- Right-side full-function operator station with joy stick controls

GROUND CONTROLS

- Ground controls for mold boards, emergency stop, horn, end gates, and elevation.

CONVEYORS

- 24" (610 mm) wide endless, heavy-duty belts with 1/2" (13 mm) tall molded rubber cleats
- Canvas load-out conveyor covers and self-cleaning pulleys
- 60° load-out conveyor swing capability.

STANDARD LIGHT & ELECTRICAL OUTLET

- 24v lights & 24v DC power outlets, 2 magnetic base work lights

SERVICE CAPACITIES

- Fuel Tank 140 gal (530 l)
- Hydraulic Fluid Tank..... 65 gal (227 l)
- Water Tank 300 gal (1,136 l)

MAXIMUM CUT DEPTH

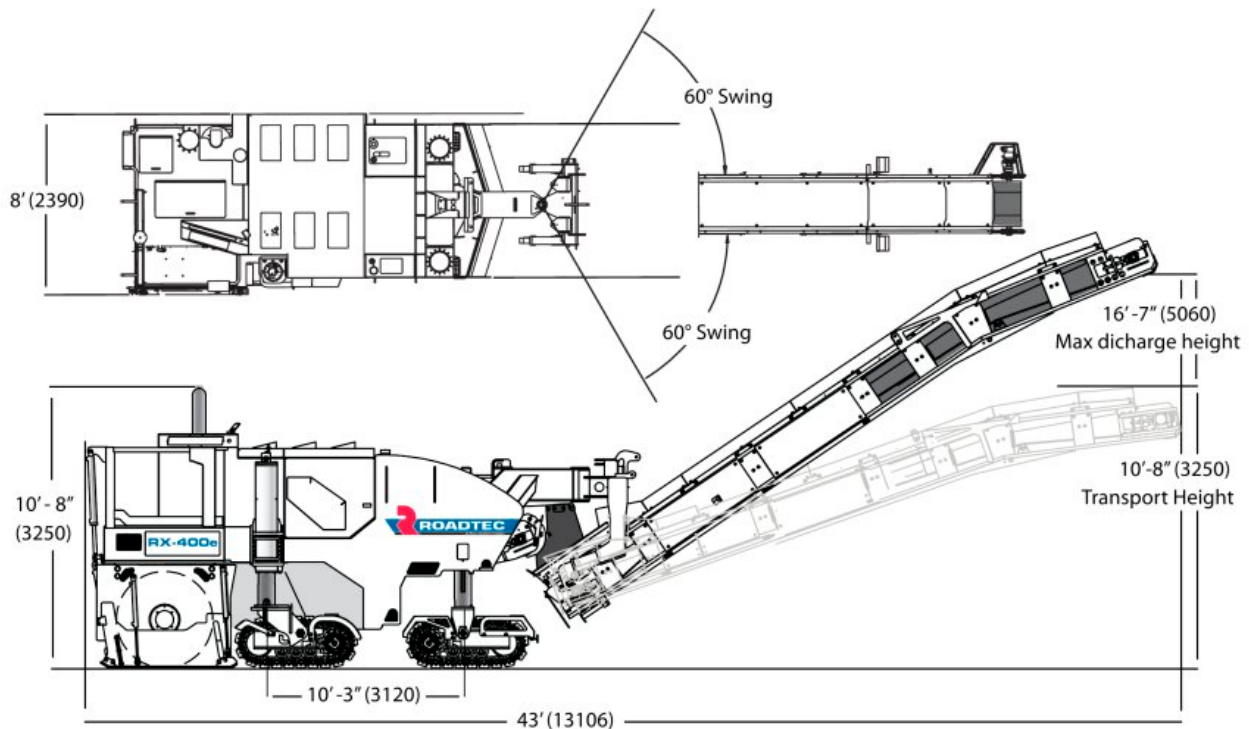
- 12.5" (320 mm)

AVAILABLE CUT WIDTHS

- 2' (610 mm), 3' (915 mm), 4' (1,219 mm), and 5' (1,524 mm)

CUTTER DRIVE & GEAR BOX

- Bolt-on with mechanical v-belt drive. Automatic drive belt tensioning.
- W-40 Fairfield® cutter gear box with mechanical fail safe to protect engine from shock loads.



Dimensions in brackets are mm.

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Specifications are subject to change without notice.

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