

RX-600

Cold Planer



Engine

- RX-600e: Tier 4F; Cummins® QSX-15 675hp (503kW) @ 1,850 rpm
- RX-600ex: Tier 3; Cummins® QSX-15 630hp (462kW) @ 1,850 rpm*

Weights

- 3 Track - 60,560lb (27,469kg)*
- 4 Track - 63,480lb (28,794kg)*

Electrical System

- 24v system with on board 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

Speeds Four-Track

- Travel 0-3.2 mph (0-5 kph)
- High working 0-163 fpm (50 mpm)
- Low working 0-110 fpm (34 mpm)

Speeds Three-Track

- Travel: 0-3.2 mph (0-5 kph)
- High working: 0-127 fpm (39 mpm)
- Low working: 0-100 fpm (30 mpm)

Tracks

- Direct hydraulic, planetary track drives. Bolt-on, replaceable poly track pads 12" (305 mm) wide

Turning Radius

- 4-track: 6'8" (2,032mm). 3-track: 5'8" (1,727mm)

Operator Station

- Left/right side full-function operator stations on shock-absorbing operator platform with joy stick controls

Ground Controls

- Ground controls for mold boards, emergency stop, horn, load-out conveyor, rear steering, end gates, and elevation

Conveyors

- 32" (813mm) wide endless, heavy-duty belts with 1" (25mm) tall molded rubber cleats
- Canvas load-out conveyor covers and self-cleaning pulleys
- 120-degree load-out conveyor swing capability

Standard Light & Electrical Outlet

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

Service Capacities

- Fuel tank - 250 gal (946 l)
- Hydraulic fluid tank - 90 gal (341 l)
- Water tank - 800 gal (3028 l)

Maximum Cut Depth

- 13" (330mm)

Standard Tood Spacing

- 5/8" (16mm)

Standard Tip Diameter

- 44" (1,118mm)

Standard Drum System

- Sollami® triple wrap, single hit drum with cutter bits for traditional milling
- Kennametal® drum optional

Cutter Drive and 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
- Cutter drum clutch interlock mechanism is designed to automatically disengage the cutter drum when dangerous milling conditions or practices are present. Any abrupt change in the rear leg tube down pressure will cause the clutch interlock to disengage the cutter drum

Standard Cutter Housings and Cut Widths

- 75" housing with 6'3" (1,905mm) width cutter drum (Three-track only)
- 79" housing with 6'7" (2,007mm) width cutter drum
- 86" housing with 7'2" (2,184mm) width cutter drum

Optional VCS® Variable Cutter System

- Cutter housing with segmented rear moldboard capable of widths of 24" (610mm), 36" (915mm) & 48" (1,220mm)
- Special VCS® housing allows change of cutting widths by only changing drum
- Maximum Cut Depth: 12" (305mm)

Grade and Slope Automation

- Mechanical System
- Digital ACE™ Grade & Slope Automation
- Digital Prewiring for ACE™ Averaging Ski
- ACE™ - Single Averaging Ski
- ACE™ - Dual Averaging Ski
- Moba® Rear System

Miscellaneous

- Hydraulically folding secondary conveyors make the cold planers much easier to transport by greatly decreasing their length
- Operator station canopy
- Automated lubrication system
- Tow hitch
- Guardian® totalizer
- Multi-camera package

Tracks

- Three-track or four-track assemblies

Additional Lighting

- Night Light Package – Four 24v high intensity discharge lights enhance visibility for work performed at night
- SaberLight™ - (2) 92W, LED light panels

Auxiliary Power

- 4 kW Continuous Duty Hydraulic Generator
- 15 kW Continuous Duty Hydraulic Generator

Grade and Slope Control

- ACE™ digital grade and slope control system for operator and ground man
- Sonic averaging ski package with one or two skis
- Rear leg control system, Sonar grade control for rear elevation

Cutter Systems

- Sollami®, Kennametal®, or Keystone® systems available
- Profiling or Micro-Milling Drums (multiple widths and spacing available)
- VCS™ Variable Cutter System
- Roadrunner™ Double Hit

Cold-in-Place Recycling

- Dual control package for bi-directional operation
- Cutter housing bi-directional package
- Cold-in-place additive system

Physical and Operating Characteristics

Dimension	Standard	Metric
Engine MFG	Cummins	
Model	QSX-15	
Max Power (Tier 4F)	675 hp @ 1,850 rpm	503 kW @ 1,850 rpm
Number of Cylinders	6	
Electrical System	24v	
Shipping Length (Conveyor Folded)	42' 4"	12.903m
Shipping Width	8' 2"	2.490m
Shipping Height	9' 10"	3.009m
Shipping Weight*	60,560lb (3-Track)	27,469kg (3-Track)
	63,480lb (4-Track)	28,794kg (4-Track)
Fuel Capacity	250 gal	946 ltr
Water Tank Capacity	800 gal	3,028 ltr
Hydraulic Tank Capacity	90 gal	341 ltr
Max Cut Depth	13"	320 mm
Standard Cut Widths	79" and 86"	2,007mm and 2,184mm
Travel	0-3.2 mph	0-5 kph
High working	0-163 fpm	50 mpm
Low working	0-110 fpm	34 mpm
Turning Radius	6' 8" (4-Track)	2,032mm (4-Track)
	5' 8" (3-Track)	1,727mm (3-Track)

* 1/4 tank fuel; no water, 86" cutter housing & drum