

RX-405

Cold Planer



Engine

- Stage V, tier 4F Cummins® L9 430 hp @ 2,100 rpm

Weight

- 46,900 lb (21,273 kg)

Electrical System

- 24 V system with on board and optional remote diagnostics via Roadtec Guardian® remote telematics system
- Two 8D batteries

Propel System

- Hydrostatic drive with automatic traction control

Travel & Working Speeds

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

Tracks

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

Turning Radius

- 7 ft (2.13 m)

Operator Station

- Shock-absorbing operator platform
- Control station can be angled to multiple different settings to suit standing or sitting
- Intuitive buttons and joysticks that focus on user comfort and intuitive use
- Tilt cover provides protections from tree limbs, obstacles and vandals

Belt Lift Device

- Device disengages belt from main engine sheave, disabling the engine's ability to turn the drum during tool changes
- Drum indexer provides ability to remotely advance the drum while changing tooling

Ground Controls

- Ability to control moldboards, endgates and elevation from ground level
- Safety features such as emergency stop and horn accessible from operator or ground controls
- Load-out conveyor and rear steering can be controlled by optional front ground box

Conveyors

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

Rear Object Detection

- Camera system to spot objects behind the mill
- Rear buttons to temporarily prevent the machine from reversing

Standard Light & Electrical Outlet

- 24 V lights & 24v DC power outlets
- Two magnetic base work lights

Service Capacities

- Fuel tank: 200 gal (757 L)
- Hydraulic fluid tank: 35 gal (132 L)
- Water tank: 750 gal (2,839 L)

Maximum Cut Depth

- 13 in (330 mm)

Standard Drum System

- Hinged door on the side of the cutter housing for quick access
- Kennametal® 5/8" spacing drum
- Sollami® triple wrap, single hit drum with cutter bits for traditional milling optional

Cutter Drive & Gear Box

- Bolt-on with mechanical v-belt drive
- Automatic hydraulic tensioning drive belt
- 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 weight on the rear leg tube will cause the clutch interlock to disengage the cutter drum
- Emergency engine shut-down; cutter disengages and engine shuts down when rear cutter door is opened

VCS® Variable Cutter System

- Cutter housing with segmented rear moldboard capable of widths of 24 in (.6 m), 36 in (.9 m), 48 in (1.2 m), and 60 in (1.5 m)
- Single cutter housing can transition from 2 - 5 ft (.6 - 1.5 m) wide
- Special VCS® housing allows change of cutting widths by only changing drum

Physical and Operating Characteristics

Dimension	Imperial	Metric
Engine MFG	Cummins	
Model	L9	
Max Power	430 hp	320 kW
Number of Cylinders	6	
Electrical System	24 V	
Shipping Weight *	46,900 lb	21,273 kg
Shipping Length (Conveyor Folded)	34' 6"	10.52 m
Shipping Width	8' 2"	2.49 m
Shipping Height	9' 11"	3.02 m
Fuel Capacity	200 gal	757 L
Water Tank Capacity	750 gal	2,839 L
Hydraulic Tank Capacity	35 gal	132 L
Max Cut Depth	14"	356 mm
Travel	0 - 3.2 mph	0 - 5 kph
High working	0 - 163 fpm	0 - 50 mpm
Low working	0 - 110 fpm	0 - 34 mpm
Turning Radius	7'	2.13 m

* 10% tank full; no water, cutter housing & drum