

RX-700

Cold Planer



Engine

- RX-700e: Tier 4 Final; Caterpillar® C 18 800hp (597kW) @ 1,800 rpm
- RX-700ex: Tier 3; Caterpillar® C 18 700hp (522kW) @ 1,900 rpm*

Weights

- Three-Tracks: 77,380lb (35,099kg)
- Four-Tracks: 82,400lb (37,376kg)

Electrical System

- 24v system with onboard and remote diagnostics via 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

- 0-3 mph infinitely variable (0-4.8 kph)

Tracks

- Direct hydraulic, planetary track drives. Bolt-on, replaceable poly track pads 14" (356 mm) wide
- Rear track width on 3-track machine: 16" (406 mm)

Turning Radius

- 4-track: 7' 9" (2,362mm)
- 3-track: 6' 10" (2,083mm)

Operator Station

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

Conveyors

- 36" (915 mm) wide endless, heavy-duty belts with 1" (25.4 mm) tall molded rubber cleats
- Canvas load-out conveyor covers and self-cleaning pulleys
- 120-degree load-out conveyor swing capability

Standard Light and Electrical Outlet

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

Service Capacities

- Fuel Tank - 340 gal (1,287 l)
- Hydraulic Fluid Tank - 100 gal (379 l)
- Water Tank - 1,100 gal (3,028 l)

Maximum Cut Depth

- 14" (356mm)

Available Cut Widths

- 6'7" (2,007mm), 7'2" (2,185mm), 8'2" (2,489mm), 10'6" (3,201 mm)

Cutter Drive and Gear Box

- Bolt-on with mechanical v-belt drive. Automatic drive belt tensioning
- W-50 Fairfield® cutter gear box with mechanical fail safe to protect engine from shock loads

Physical and Operating Characteristics

Dimension	Standard	Metric
Engine MFG	Caterpillar	
Model	C18	
Max Power (Tier 4F)	800hp @ 1,800 rpm	597kW @ 1,800 rpm
Number of Cylinders	6	
Electrical System	24v	
Shipping Length (Conveyor Folded)	44' 8"	13.614m
Shipping Width	8' 4"	2.534m
Shipping Height	10' 9"	3.193m
Shipping Weight*	77,380lb (3-Track)	35,099kg (3-Track)
	82,400lb (4-Track)	37,376kg (4-Track)
Fuel Capacity	250 gal	1,287 ltr
Water Tank Capacity	1,100 gal	3,028 ltr
Hydraulic Tank Capacity	100 gal	379 ltr
Max Cut Depth	14"	356mm
Standard Cut Widths	79", 86", and 98"	2,007mm, 2,184mm, and 2,489mm
Travel	0-3 mph	0-4.8 kph
Turning Radius	7' 9" (4-Track)	2,362mm (4-Track)
	6' 10" (3-Track)	2,083mm (3-Track)

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