

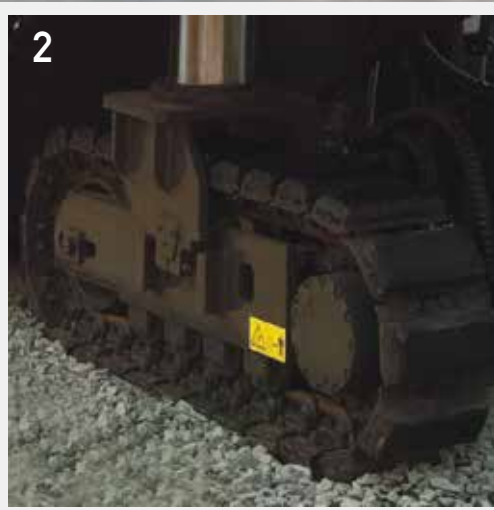
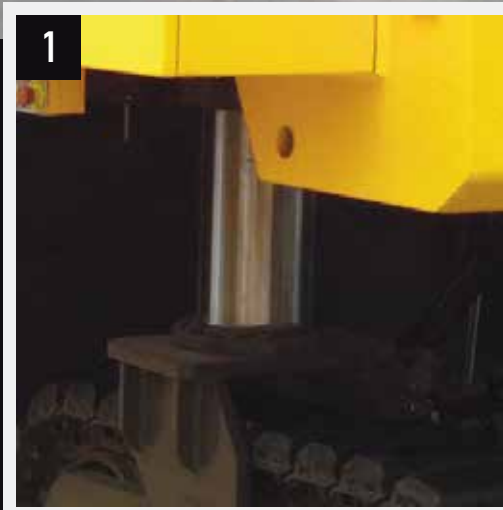


RCP2100T

COLD PLANER



Adopting mechatronics design for automation



1. Independent elevating control MOBA system with two longitudinal axes and one transverse digital leveling system.
2. Four track drive with 26 track-plates for each track, four independent elevating column of hydraulic cylinders.
3. Two stage front loading, foldable discharge belt conveyor system with independent control switches for both stages on the forward/reverse functions with seamless speed controls. Height of discharge adjustable up to maximum 4,700mm and 40 degree swing to both left and right.

Milling drums and tools are optimized to work efficiently and tackle any job effectively. Easy access doors provide convenient access to operator for drum maintenance and tool replacements.

POWER TRAIN

Engine Make / Model	Cummins QSX15 or Rhino
Net Power kW (Hp) @ 2,100 rpm	447(599)
Displacement L (cu. In)	15.0(915)
Emission Rating (optional)	Tier 2 (Tier 3, Tier 4)
Fuel System	Direct Injection
Lubrication	Full-flow spin-on filter
Aspiration	Turbocharged
Air Cleaner	Under-hood, dual element dry type
Fan Drive	Belt driven
Electrical System	24 Volts with 70 Amp alternator, 120 Ah

TRAVEL SPEEDS

Max. Travel Speed kmh (mph)	6.0(4)
Drive Type	Tracks
Number of Tracks	4.0
Track Length mm (in)	1,950(77)
Track Width mm (in)	300(12)
Track Height mm (in)	700(28)

ROTOR

Tools are mounted on quick couplers for easy replacement. Quick access panels provide easy maintenance for operator. Automatic self-leveling through electronic over hydraulic systems. Hydraulically activated by operator. Heavy-Duty clutches mounted directly to the engine.

Drive System	Hydraulically activated by operator, Heavy-Duty clutches mounted directly to the engine. High endurance belts transfer engine power to rotor efficiently and effectively
Milling Speed m/min (in/min)	25(984)
Number of tools	170
Cutting Width mm (in)	2,100(83)
Cutting Depth mm (in)	320(12.6)
Rotor Diameter mm (in)	1,070(42)
Tool Spacing (tip) mm (in)	15(0.6)
Speed @2,200 rpm	96 rpm

CONVEYOR SYSTEM

Type	Hydraulically driven, Ergonomic controls provide easy operation for changing speeds and changing direction
Width mm (in)	800(31)
Max. Feeding Height mm (ft)	4,700(15)
Swing	80 degrees (40 degrees each side)

STEERING Controls on operator's cab, Full-hydraulic assistance with four steering modes, Independent front and rear track steering with self-centering systems, Simultaneous front-rear steering, Lateral-traverse

Min. Turning Radius mm (ft) 6,250(21)

WATER SPRAY SYSTEM Pressurized water spray system ensures dust control and belt lubrication, Flat pattern spray provides better cleaning performance and cooling of tool bits during operation

HYDRAULIC SYSTEM Hydraulic pumps for driving, conveyor, and tools provide the needed performance to each component, Pumps are mounted on engine compartment for easy access

Pump Type Gear Pump, Constant displacement

System Pressure Mpa (psi) 28(4,061)

BRAKES

Service Brake Hydrostatic closed-loop system provides dynamic braking

Parking Brake Manually activated, Drum mounted on transmission output shaft

REFILL CAPACITIES L (gal)

Fuel Tank 1,320(349)

Coolant 90(24)

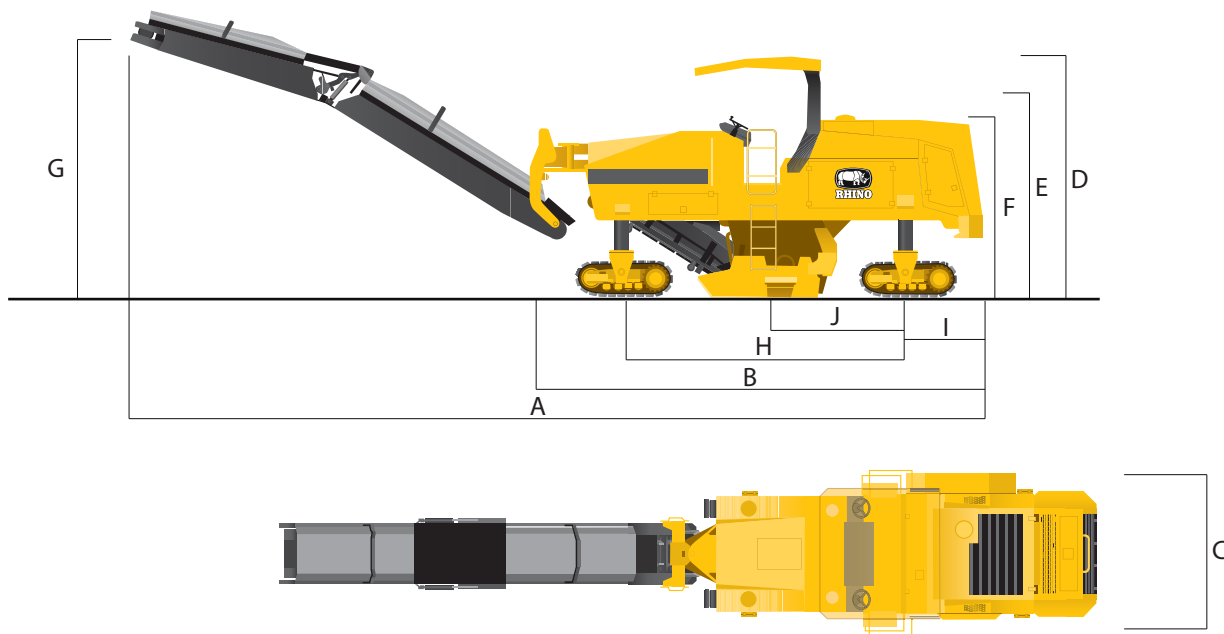
Engine Oil 80(21)

Water Tank 3,500(925)

Hydraulic Tank 300(79)

Cold Planer operating information is based on machine with identified linkage and standard equipment, standard tracks, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in rotor types and different attachments.

Equipment specifications and images may change without notice from Rhino Equipment Group Inc.



DIMENSIONS

A. Overall Length with Conveyor Up mm (ft)	14,355(47.1)
B. Length Without Conveyor mm (ft)	7,390(24.2)
C. Overall Width mm (ft)	2,840(9.3)
D. Max. Height Canopy Raised mm (ft)	4,120(13.5)
E. Height Canopy Lowered mm (ft)	3,222(10.6)
F. Min. Height No Canopy mm (ft)	3,109(10.2)
G. Max. Truck Clearance mm (ft)	4,700(15.4)
H. From Center Front Track to Center Rear Track mm (ft)	4,750(15.6)
I. Front Center Rear Track to Rear of Machine mm (ft)	1,210(4.0)
J. From Center Rear Track to Center of Rotor mm (ft)	2,100(6.9)
Track Gauge mm (ft)	1,500(4.9)
Shipping Dimensions	
Base Machine Length mm (ft)	7,390(24.2)
Base Machine Width mm (ft)	2,680(8.8)
Base Machine Height mm (ft)	3,150(10.3)
Conveyor Length mm (ft)	8,357(27.4)
Conveyor Width mm (ft)	1,030(3.4)
Conveyor Height mm (ft)	792(2.6)
OPERATING WEIGHT kg (lbs)	32,500(71,650)

OPTIONS:

Automatic Leveling, 2,000 mm (79 in) Milling Rotor, Fine Milling Rotor, Power Milling Rotor, Tier 3, Tier 4 Engine.