



The RX-700 is a 700 horsepower cold planer available with either three or four track assemblies. This versatile machine allows contractors to cut up to 14" (35.6 cm) deep with widths of 6'7" (2 m), 7'2" (2.184 m). The RX-700 offers contractors more versatility and productivity. A 36" inch front load-out conveyor, with 60° swing to either side, provides ample loading capacity.

RX-700 SPECIFICATIONS

DIESEL ENGINE:

Caterpillar® C18 700hp @ 2100 rpm with a one-year unlimited standard engine warranty. 24 volt charging system. Emergency shut down system.

DRIVE SYSTEM:

Mechanical V-belt drive to cutter drum planetary. Hydrostatic drive for propulsion and conveyor system.

SUSPENSION:

Hydraulically controlled manually or automatically.

TRACKS: (4 Track Machine)

Four B4-HD tracks with 14" (356 mm) wide polyurethane grousers, front and back.
 Travel speed 0-3.2 mph (0-5.1 kph).
 High working speed 0-136 fpm (0-41.5 mpm).
 Low working speed 0-89 fpm (0-27.1 mpm).

TRACKS: (3 Track Machine)

Three B4-HD tracks with 14" (356 mm) wide polyurethane grousers on the front and 16" (406 mm) wide polyurethane grouser on the back.
 Travel speed 0-3.2 mph (0-5.1 kph).
 High working speed 0-165 fpm (0-50.3 mpm).
 Low working speed 0-89 fpm (0-27.1 mpm).

STEERING:

Proportional Joy Stick control with four modes: coordinated, crab, front only and rear only.
 Turning radius 4 track machine: 7'9" (2.4m).
 Turning radius 3 track machine: 6'10" (2.1m).

WATER SYSTEM:

Variable speed hydraulically-driven water pump with automatic shut-off for spray bars located on front and rear of cutter housing and for wash down system.

CUTTER:

Cutter drum system contains Quick Change tooth holder for fast and easy field replacement. Triple wrap bolt under cutter drum and housing.

Cutting width	6'7"	(2 m)
.....	7'2"	(2.18 m)
Cutting depth	14"	(356 mm)
Tip diameter46"	(1.168 mm)
Tooth spacing	5/8"	(16 mm)

GRADE CONTROLS OPTIONS:

- MOBA® Sonic
- TopCon® Sonic
- Hydromechanical with electric over hydraulic slope control.

CONVEYOR SYSTEMS:

Two stage covered 36" (.914 m) wide front load-out heavy-duty conveyor belt with .75" (19 mm) cleats. Conveyor swings 60° to either side.

SERVICE CAPACITY:

Fuel	340 gal (1287 L)
Water	1100 gal (4167 L)
Hydraulic system	100 gal (379 L)

WEIGHTS (approximate):

Shipping weight for 4 Track:	
with 6'7" drum	69,800 lbs (31,661 kg)
Shipping weight for 3 Track:	
with 6'7" drum	65,000 lbs (29,484 kg)
Operating weight for 4 Track:	
with 6'7" drum	80,800 lbs (36,650 kg)
Operating weight for 3 Track:	
with 6'7" drum	76,600 lbs (35,380 kg)

