

## Montana Department of Transportation Bridge Bureau Approved Construction Equipment List

<b>Make:</b>	<i>Roadtec</i>
<b>Model:</b>	<i>RX-600e 3 Track</i>
<b>Equipment Type:</b>	<i>Cold Planer</i>
<b>Contractor Modifications:</b>	<i>None</i>

### Interstate Approval Conditions

<b>Approval Type</b>	<i>Crossing Only</i>
<b>Speed:</b>	<i>No Restriction</i>
<b>Weight:</b>	<i>59,050 lb or less</i>
<b>Traffic:</b>	<i>Approved with regular traffic</i>
<b>Location Restrictions:</b>	<i>No Restriction</i>

### Non-Interstate Approval Conditions

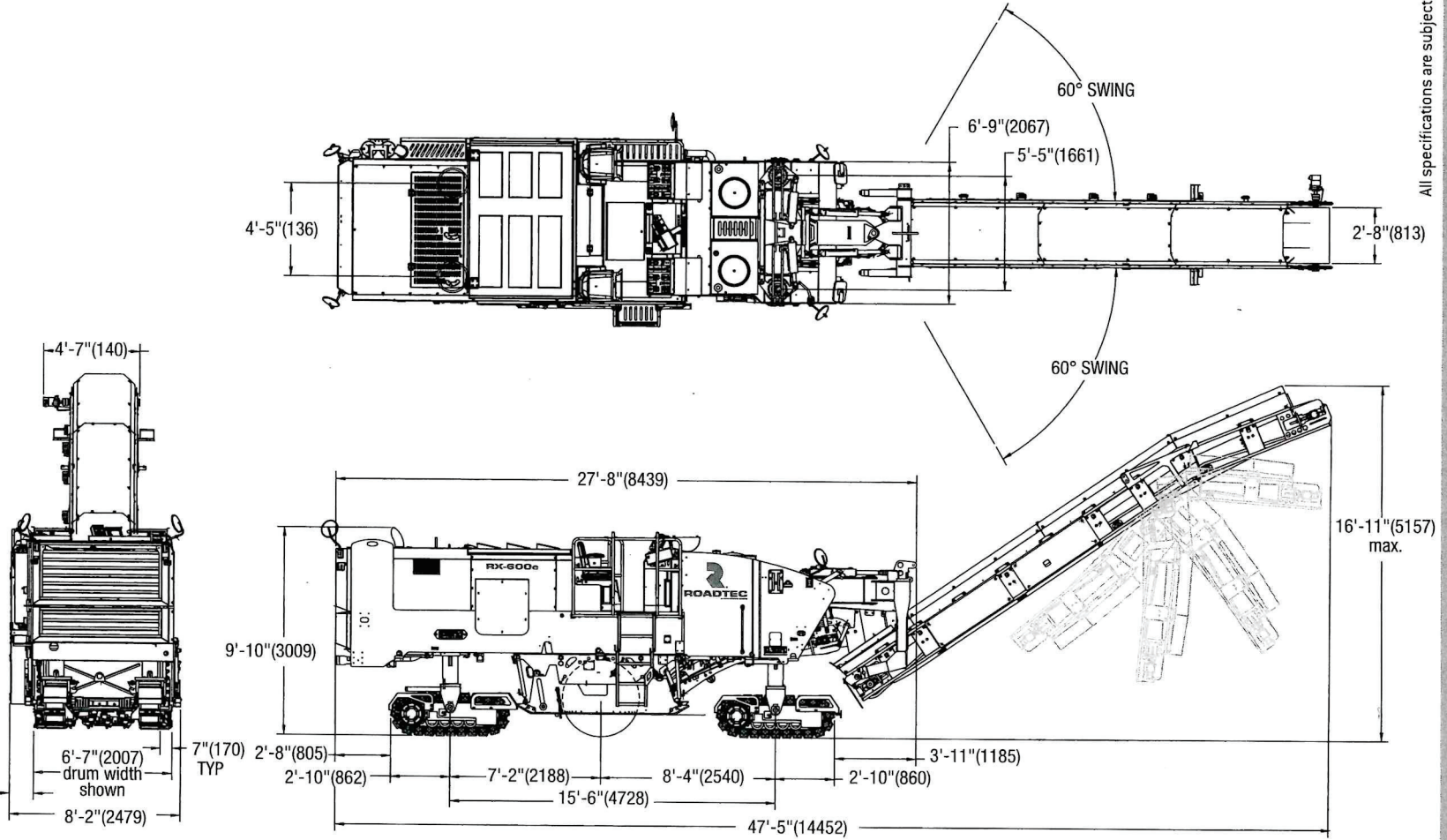
<b>Approval Type</b>	<i>Crossing Only</i>
<b>Speed:</b>	<i>No Restriction</i>
<b>Weight:</b>	<i>59,050 lb or less</i>
<b>Traffic:</b>	<i>Approved with regular traffic</i>
<b>Location Restrictions:</b>	<i>No Restriction</i>

**Comments:**

Equipment configuration, weights, and specifications on following pages. Approval does not apply to load posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge.

**ROADTEC**  
MACHINE DIMENSIONS RX-600e

Dimensions in brackets are mm.



SELECTED APPROXIMATE SHIPPING WEIGHTS [1/4 TANK OF FUEL]	WITH CH600-79 LBS / KG	WITH CH500-86 LBS / KG
RX-600 3-track	56,890 / 25,805	59,050 / 26,780
RX-600 4-track	59,220 / 26,860	61,390 / 27,850

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All specifications are subject to change without notice.

# ROADTEC

## TECHNICAL SPECIFICATIONS

RX-600e Cold Planer

<b>ENGINE</b>	Cummins® QSX-15 Tier 4 Interim. One year engine warranty standard.
	Rated power 600 HP (447 kW)@1800 rpm. Maximum power 620 HP (460 kW) @ 1,850 rpm.
	Engine load control
	On demand cooling
<b>ELECTRICAL SYSTEM</b>	CAN-based electronics with onboard and remote diagnostics
	Two 8D batteries. 105 Amp alternator
	24 Volt system with master disconnect switch.
	Emergency engine shut-down
<b>CONSTRUCTION</b>	Cutter disengages and engine shuts down when cutter doors are opened
	High-strength steel side sheets. Stability & balance without unnecessary weight.
<b>PROPULSION</b>	Hydrostatic drive
	Automatic traction control
	Hydraulically controlled suspension. Manual and automatic.
<b>CONTROLS</b>	Two full-function operator stations (left & right side) on shock-absorbing operator platform
	Joy stick controls. Lighted instrument panel. Liquid-filled gauges.
	Foot/minute meter (or meters/minute)
	Auto-resume after stop
<b>STEERING MODES</b>	(4) modes: coordinated, crab, front only, rear only
<b>GROUND CONTROLS</b>	On each side for mold boards, emergency stop, horn, load-out conveyor, rear steering, end gates, elevation. Lockable vandal covers on main ground control boxes.
<b>TURNING RADIUS</b>	4-track: 6'8" (2.0m). 3-track: 5'8" (1.7m).
<b>TRACKS</b>	Direct hydraulic, planetary B3-HD track drives. Bolt-on, replaceable poly track pads.
	FOUR TRACK: (4) 12" (305 mm) wide grousers.
	THRETRACK: (2) 12" (305 mm) wide grousers on front & (1) 14" (356 mm) wide one on back.
<b>SPEEDS - FOUR TRACK</b>	Travel 0-3.2 mph (0-5 kph) High working 0-163 fpm (50 mpm) Low working 0-110 fpm (34 mpm)
<b>SPEEDS - THREE-TRACK</b>	Travel 0-3.2 mph (0-5 kph) High working 0-127 fpm (39 mpm) Low working 0-100 fpm (30 mpm)
<b>CONVEYORS</b>	32" (813 mm) wide endless, heavy-duty belts with 1" (25 mm) tall molded rubber cleats
	Canvas load-out conveyor covers
	Self-cleaning head and tail pulleys
	120° load-out conveyor swing capability. Trucks can operate in adjacent lanes if needed.
	Truck guards on load-out conveyor. Safety guards on primary conveyor.
	Easy-open belt guard latches
<b>STANDARD LIGHT &amp; ELECTRICAL OUTLET PACKAGE</b>	(10) 24 V lights. (2) magnetic base 24 V DC halogen work lights (6) 24 V DC power outlets.
<b>FUEL TANK</b>	250 gal (946L)
<b>HYDRAULIC FLUID TANK</b>	90 gal (341L)
<b>WATER TANK</b>	800 gal (3028 L). (3) fill stations.
<b>WATER SYSTEM</b>	Spray bars on conveyors and at front and rear of cutter housing. Variable speed, hydraulically-driven water pump with automatic on/off.
<b>WASHDOWN</b>	High pressure with 46' (14 m) retractable hose reel.
<b>AIR COMPRESSOR</b>	Includes air tools.
<b>LUBRICATION SYSTEM</b>	Grease fittings arranged in zones.
<b>WARNING SYSTEM</b>	Amber warning beacon. Back-up alarm. Track turn alarm. Back-up camera.
<b>TOOLBOX</b>	On-board, lockable tool storage.
<b>AUTOMATIC POWER PACK</b>	Raises and lowers engine hood, front and rear mold boards. Controls belt tension release.
<b>OPERATOR SUN SHADE</b>	Includes mounting hardware.