

Montana Department of Transportation Bridge Bureau Approved Construction Equipment List

Make:	<i>Roto-Mill</i>
Model:	<i>PR-450</i>
Equipment Type:	<i>Milling Machine</i>
Contractor Modifications:	<i>None</i>

Interstate Approval Conditions

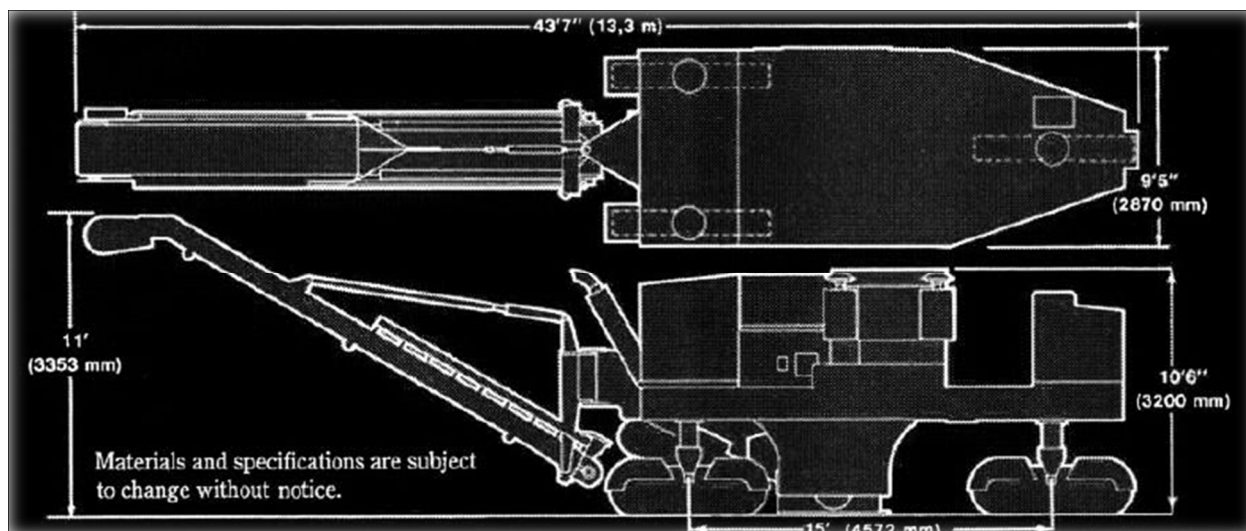
Approval Type	<i>Crossing Only</i>
Speed:	<i>No Restriction</i>
Weight:	<i>56,740 lb or less</i>
Traffic:	<i>Approved with Regular Traffic</i>
Location Restrictions:	<i>No Restriction</i>

Non-Interstate Approval Conditions

Approval Type	<i>Crossing Only</i>
Speed:	<i>No Restriction</i>
Weight:	<i>56,740 lb or less</i>
Traffic:	<i>Approved with Regular Traffic</i>
Location Restrictions:	<i>No Restriction</i>

Comments:

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



ROTO-MILL PR-450 SPECIFICATIONS

HYDRA-MATION® Control System

A hydro-mechanical-servo elevation control system. All systems have manual or automatic modes controlled by operator. Direct wheel sensing assemblies for left and right operation.

Hydraulic Oil Filtration

Three micron filtration on the control system. Ten micron filtration on replenishing tanks and all other circuits.

Service Capacities

Fuel tank..... 200 U.S. Gallons/757,1 l.
Hydraulic oil tank..... 60 U.S. Gallons/227,1 l.
Hydraulic reserve tank..... 9.5 U.S. Gallons/35,9 l.
Cooling system..... 23 U.S. Gallons/87,1 l.
Water tank..... 700 U.S. Gallons/2649,8 l.

Mainframe

Fabricated unitized type construction. Grid plate decking.

Water System

One 700 U.S. Gallon/2649,8 l tank. Centrifugal pump supplies water to spray nozzles for dust control and cutter tooth cooling.

Lights

Headlights..... 2
Rear lights..... 2
Backup lights..... 2
Dash lamps..... 3
Floodlights..... 3

Brakes

Hydraulic disc parking/emergency brake.

Operator and Machine Protective Equipment

Amber rotating beacon
Caution lights, front
Backup alarm

Quick Change Cutting Tool Unit

Engine mounted air compressor, 7 U.S. Gallons/26 l air reservoir with flexible air lines. One pneumatic impact hammer with knockout tools.

Operating Dimensions

Length..... 43'7"/13,3 m
Width..... 9'5"/2870 mm
Height..... 10'6"/3200 mm
Weight..... 56,740 lbs/25 737 kg
(with full load of water)

Transport Dimensions

Length..... 45'4"/13,8 m
Width..... 8'/2438 mm
Height..... 10'6"/3200 mm
Weight..... 50,920 lbs/23 097 kg

Accessories

- Cross slope control
- Slope control, right or left leg
- Averaging ski
- High pressure water system
- Remote mount conveyor swing
- Conveyor cover
- 87"/2210 mm wide cutter
- Rubber track pads