MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

Make:	*Roto-Mill*
Model:	*PR-450*
Equipment Type:	*Milling Machine*
Contractor Modifications:	*None*

Interstate Approval Conditions

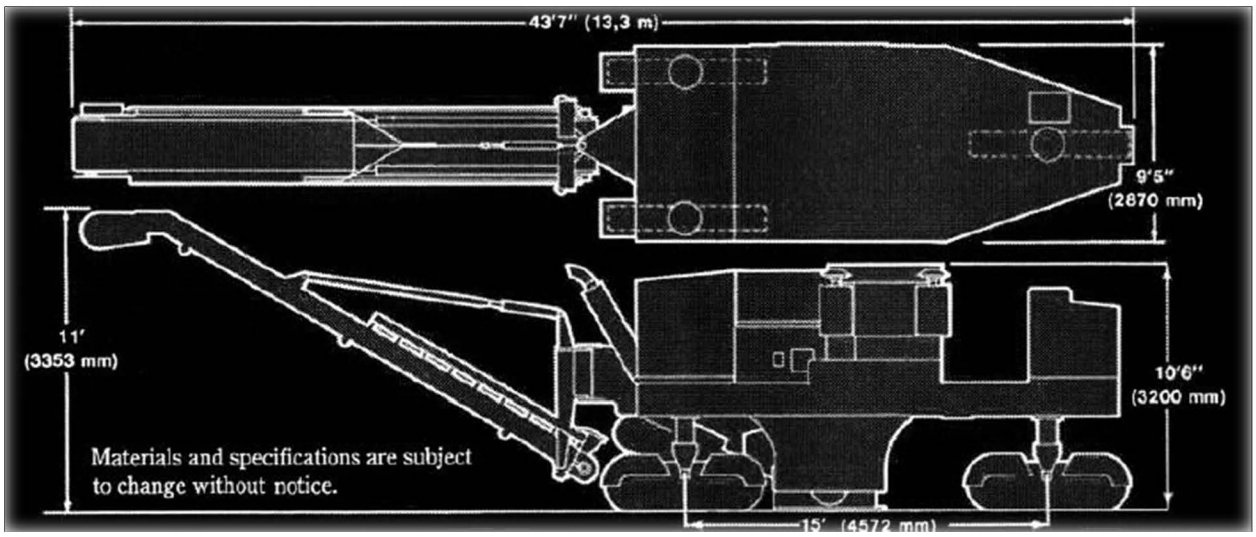
Approval Type	*Crossing Only*
Speed:	*No Restriction*
Weight:	*56,740 lb or less*
Traffic:	*Approved with Regular Traffic*
Location Restrictions:	*No Restriction*

Non-Interstate Approval Conditions

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

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 (with full load of water)	56,740 lbs/25 737 kg

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