



Montana Department of Transportation Bridge Bureau Approved Construction Equipment List

This form is used for analyses for Bridge Approval Only.

Make **Model**

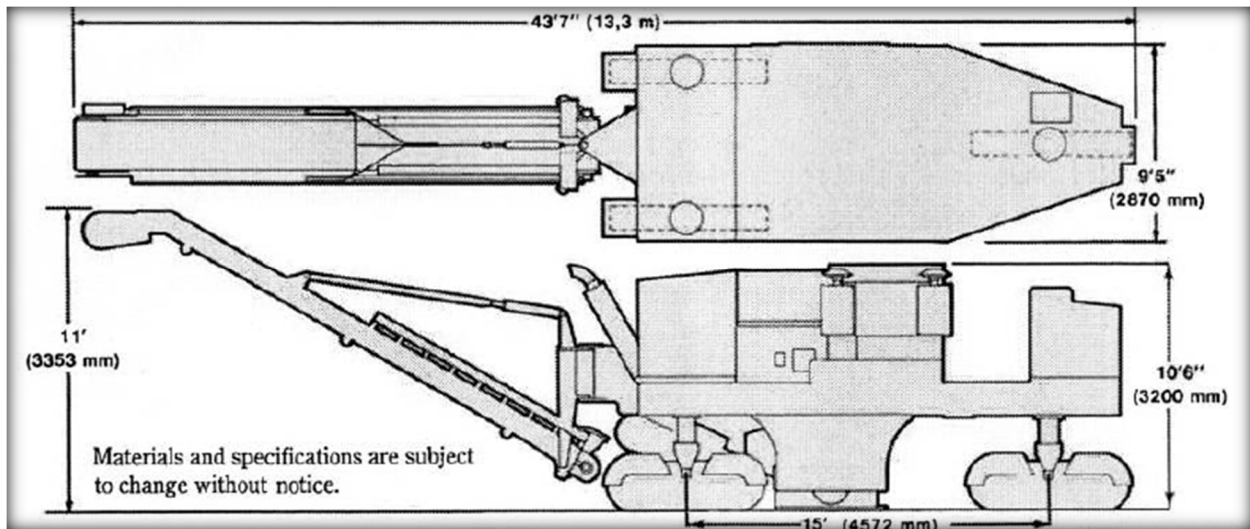
Combination Type **If Other (Specify)**

Select Axle Type	<input type="text" value="Steering"/>	<input type="text" value="Drive"/>
Select # of Axles	<input type="text" value="X"/>	<input type="text" value="X"/>
Insert Weight (lbs)	<input type="text"/>	<input type="text"/>

	Axle Groups	Feet	Inches
	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

Vehicle configuration, weights and specifications on following pages. Approved statewide on non-load posted Bridges, using operating weights, driving without speed restriction. For vehicle movement on Bridges with structural reduced capacity see, Br201.38, here: <https://www.mdt.mt.gov/business/contracting/bridge/bridge-specials.aspx>



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