MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

Make:	*Roadtec*
Model:	*CB100*
Equipment Type:	*Conveyor Broom*
Contractor Modifications:	*None*

Interstate Approval Conditions

Approval Type	*Crossing Only*
Speed:	*No Restriction*
Weight:	*23,000 lb or less*
Traffic:	*Approved with regular traffic*
Location Restrictions:	*No restriction*

Non-Interstate Approval Conditions

Approval Type	*Crossing Only*
Speed:	*No Restriction*
Weight:	*23,000 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 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.

Pavement Maintenance Services

Equipment ID/Model

RoadTec CB-100 Conveyor Broom

Detailed data

Vehicle width	8' 3"
Vehicle length	36' 5" Extended
Number of axles	2
Distance between axles	13'
Track/wheel dimensions	10R17.5
Track/wheel gage spacing	6'
GVW	23,000 lbs.
Hauling capacity	N/A
Max operating speed	10 MPH
Potential dynamic or vibratory effect?	None
Equipment modifications?	None
Contractor's contact information	Jason Simmons (406) 261-5195

SPECIFICATIONS

ENGINE
- Tier 4i, Kubota® 3.8L 99 hp (74 kW) @ 2,600 rpm

WEIGHT
- 23,000 lbs (10,432 kg)

ELECTRICAL SYSTEM
- 110 amp sealed alternator
- 12v starting system
- Heavy-duty 16 gauge wiring
- Sealed A/C clutch

PROPEL SYSTEM
- Closed loop hydraulic circuit
- Load sense auxiliary hydraulic circuit
- Planetary reduction at the wheels with sealed wet disc brakes
- Heavy-duty 14,000 lbs (6,350 kg) capacity axles.

STEERING
- Front steer orbitrol, hydrostatic type

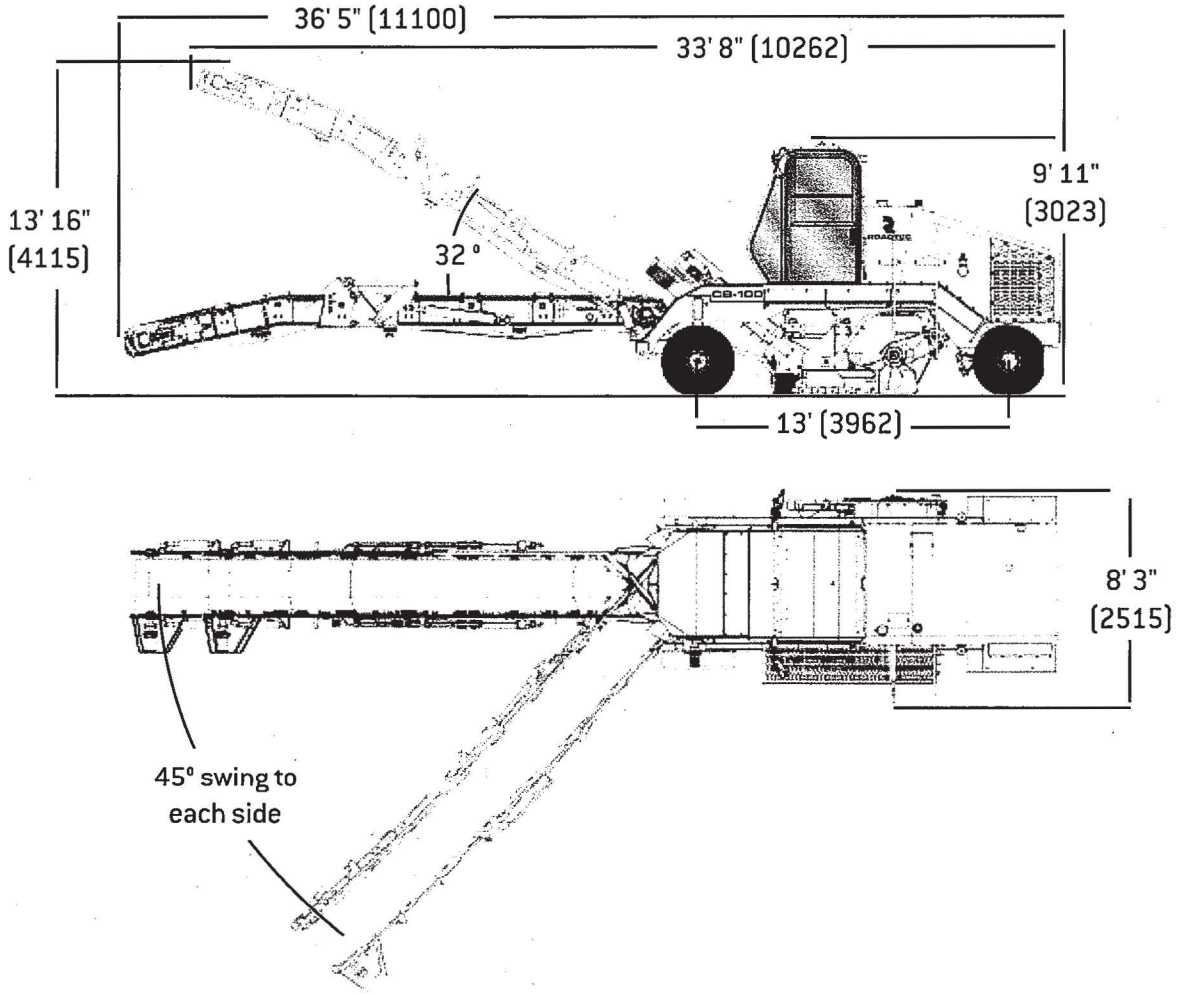
SPEEDS
- Travel: 10 mph (16 km/hr)

TIRES & WHEELS
- 10R17.5

OPERATOR STATION
- Left-hand entry into spacious 2 door cab
- Headlight bar with front and rear lights
- Pressurized cab with filtered A/C and heat
- Fully adjustable reclining seat with armrests

BRUSH
- Core size 32" (813 mm) diameter
- Core length 72" (18929 mm)
- 150 RPM

SERVICE CAPACITIES
- Fuel – 67 gallons (253 l)
- Hydraulic tank – 67 gallons (253 l)
- Water tank (optional) – 220 gallons (833 l)



Dimensions in brackets are mm.

Specifications are subject to change without notice.

ROADTEC an Astec Industries Company
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