



UNPARALLELED PRODUCTIVITY.

## BADGER DITCHER SELF-PROPELLED DITCH CLEANER

**Loram's Badger Ditcher** is a self-propelled ditch cleaner that is capable of excavating and moving up to 500 cubic yards of material every hour, excavating at up to 22 feet from the center of the track, on either side. The Badger Ditcher creates a properly sloped ditch that intercepts and diverts water away from the track. Ditch cleaning is a best practice that increases the stability of ballast and improves vital drainage for the subgrade by moving water away from the track and right of way. It can extend the effective duration of surfacing, shoulder ballast cleaning and undercutting cycles, and prevent ties from deteriorating prematurely.

The Badger Ditcher goes where and when it's needed under its own power, regardless of wet or dry weather conditions. The ditching wheel cuts a swath that can be varied from 30 to 54 inches wide, at a depth as low as 6 feet below the top of the rail. Because the Badger's workhead is articulated, the shape of the ditch can be contoured to suit drainage requirements. The powerful swing conveyor can discharge excavated material at distances of up to 35 feet on either side of the track center, or the material can be discharged into a material handling car or air dump car that can be emptied with the Badger's own air supply.

The Badger Ditcher helps manage, remedy and prevent the damaging effects from a host of penetrating water sources, including direct precipitation, groundwater migration, springs and trapped water, saturation and seepage.

### FEATURES AT A GLANCE

- **Unmatched productivity**, capable of moving 1,000 tons (907 tonnes) of material per hour
- **Self-propelled operation** at speeds up to 2 mph (3.2 km/h)
- **Powerful, variable-width ditching** from 30 to 54 in. wide (762 – 1,372 mm)
- **Digging depths** as low as 6 ft (2 m) from top of rail
- **Articulated workhead** reaches up to 22 ft (6.6 m) from either side of the track center
- **Discharge excavated material** up to 35 ft (11 m) from track centerline or into an auxiliary car

For more information on this machine, or on developing a tailored maintenance program for your railroad, contact Loram at **1-800-328-1466** or visit **LORAM.COM**



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3900 ARROWHEAD DRIVE | HAMEL, MN 55340 USA

# SPECIFICATIONS

## LORAM BADGER SELF-PROPELLED DITCH CLEANER

	BADGER DITCHER
Length <sup>1</sup>	168 ft (51.2 m)
Width <sup>1</sup>	10.5 ft (3.2 m)
Height <sup>1</sup>	15.5 ft (4.7 m)
Weight <sup>1</sup>	583,000 lb (264,400 kg)
Working Speed	Up to 2 mph (3.2 km/h)
Production Rate <sup>2</sup>	500 yd <sup>3</sup> /hr (382 m <sup>3</sup> /hr)
Maximum Digging Depth	6 ft (2 m) from top of rail
Digging Width	6 – 22 ft (2 – 6.6 m) from track center
Cutting Capacity (per pass)	– Depth maximum: 18 in. (0.45 m) – Width minimum: 30 in. (0.76 m) – Width maximum: 54 in. (1.3 m)
Material Discharge	Up to 35 ft (11 m) either side of track center or into an auxiliary car
Travel Speed	Up to 45 mph (74 km/h)
Gradeability	Up to 4%
Minimum Work Radius	22° curve (80 m radius)
Minimum Travel Radius	22° curve (80 m radius)

<sup>1</sup> Excluding Auxiliary Cars

<sup>2</sup> Typical; subject to application and material conditions

*Specifications subject to change*



### SERVICE & SUPPORT

With a 60-year plus legacy of serving the railroad industry with the most advanced technologies, the most reliable and productive maintenance of way equipment and world-class contract service work, Loram brings its partnership approach to every customer relationship. This includes an extensive training and technical support program with every machine. Whether for a heavy haul, high-speed, underground or metro-rail system, Loram has the equipment and services you need.

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