



**UNPARALLELED PRODUCTIVITY.**

## **DC Max**

### **BADGER DITCHER + SLOTMACHINE**

**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. The powerful swing conveyor can discharge excavated material at distances of up to 35 feet on either side of the track center, or into the included SlotMachine cars.

With the connected **SlotMachine**, you can tackle a wide range of jobs faster and more efficiently than ever before. SlotMachine consists of a series of short gondolas without the end bulkheads. An onboard excavator is free to move the entire length of the joined cars while seated safely and securely on the floor. Material gets loaded the full length of the platform, so there's no lost time switching out cars. The versatility of the DC Max makes it ideally suited for any track drainage improvement task.

#### **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
- **Discharge excavated material** up to 35 ft (11 m) from track centerline or into an auxiliary car
- **Onboard excavator** travels the entire length of joined cars.

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**

# SPECIFICATIONS

|                              | DC Max  |
|------------------------------|---|
| Length <sup>1</sup>          | 360 ft (110 m)  |
| Width <sup>1</sup>           | 10.5 ft (3.2 m)   |
| Height <sup>1</sup>          | 15.5 ft (4.7 m)   |
| Weight (empty)               | 410 tons (372 tonnes)   |
| 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)<br>– Width minimum: 30 in. (0.76 m)<br>– Width maximum: 54 in. (1.3 m) |
| Net Carrying Capacity        | 225 tons (205 tonnes)   |
| 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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