

SPREADER DITCHER



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Special Features

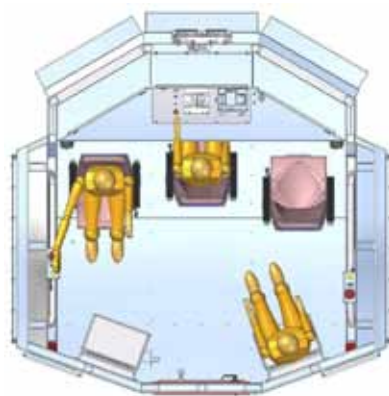
The Spreader Ditcher is a highly versatile machine that is used to plow heavy snow, spread ballast, reshape cuts in banks, and cut trackside ditches. At 160,000 lbs., and 53 feet long, it is equipped with an operator control cab, front plow, side wings, two non-powered bogies, AAR couplers, and an APU for electrical / hydraulic power. It is pushed by one or multiple locomotives to achieve maximum traction at speeds for desired plowing effectiveness.

Features & Benefits

- Heavy construction with low center of gravity
- Standard Front Plow
- In cab controls:
 - Front plow locks
 - Wing locks
 - Front plow depth control
- Comfortable cab, seating for 5
- FRA Type I Heated Windshields
- FRA Type II Sliding Side Egress Windows
- AC & Heat
- AC Generator

Available Options:

- High snow plow
- Long wing for maximum clearing
- Short wing for restricted clearances
- Straight Wing without Ditcher Section
- Bank sloper
- Front plow ice cutting
- Wing Ditcher Section
- In cab control of powdered front cross plow
- Locomotive controls
- Powered front cross plow
- Enclosed Walkway



Ballasting

The wing ballast section can be set to cut the fouled ballast from the ends of ties. Ballast can also be carried and distributed along the track. The Spreader Ditcher can plow in center, right, or left hand direction while retrieving ballast deposited outside the toe line.

Ditching

The ditcher section deploys in seconds from the main wing. This allows the machine to create new ditches with precise accuracy or clean out existing ditches in a similar manner. Good ditching provides drainage around and along the track regardless of railway grade.

Profiling and Contouring

Establishing a true roadbed cross section, the Spreader Ditcher slopes the banks and carries material from cut to fill in one operation. The machine can uproot heavily vegetated areas near roadways, widen cuts, and build up or prepare sub-grades for adjacent track construction.

Spreading

With the ability to widen embankments, level sub-grade, and remove fouled ballast, the machine effectively covers all spreading jobs with ease. It can work flood clean-up in yards and main line and clean windrow dirt from crib excavations or ballast cleaning.

Ice and Snow Removal

The Spreader Ditcher High Plow can clear 16 foot snow drifts, and widens snow cuts with main wings and bank slopers. It has the ability to rip solid blue ice and handles slides mixed with rock, stumps, and frozen matter. The machine also cuts snow ditches for thaws and spreads snow in classification and switch yards.



Special Application

Originally designed in the 1960's, the Harsco Spreader Ditcher has been updated to meet today's market requirements. The machine conquers all spreading, ditching, and plowing jobs on the track.

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Specifications

Gauge	Standard
Weight Basic Machine (Less Options)	160,000 lbs. (72,500 kg)
Length	53 ft. (16 m)
Travel Width	10 ft. 8 in. (3 m) Max
Height	15 ft. 4 in. (4.7 m) Max
Wheels	33 in. (838 mm) AAR Standard
Journal Bearings	6 x 11 Roller Bearings
Engine	CUMMINS QSB 4.5, Tier 3; 110 HP @ 1800 RPM
Electrical Power	24 VDC, 90 Amp Alternators 20kW, 120/240 Volt, Single Phase
Hydraulic Power	Double Pump, 23GPM per Section at 1800 RPM, 1800 PSI Max
Pneumatic Power	Supplied from locomotive
Braking	AAR Standard (ABDW or DB60 Valve)
Speed	50 mph (80 km/h)
Hydraulic Reservoir Capacity	79 gal. (299 liters)
Fuel Reservoir Capacity	100 gal. (378 liters)

Download full specs at www.harscorail.com
 Watch video at www.youtube.com/user/harscorail

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