

KERSHAW 4600 BALLAST REGULATOR

OVERVIEW

The Kershaw® 4600 Ballast Regulator has a one-pass transfer plow, 36" wide reversible wings, and a broom attachment for ballast shaping, shoulder profiling, ballast sweeping and a variety of other track maintenance operations.

DIMENSIONS	
Weight	47,000 lb
Length	40' 0"
Width	N/A
Height	11' 7"

OTHER FEATURES

Cab:
Fully enclosed, insulated, safety glass, dome light, front windshield wiper and pivoting seat. Single operator with electrical joystick controls.

Cab mounted with Lord iso mounts. Cab access from either side of machine. Rear entry with removable walkway for access to pump.

Rear cab wall mounted self-contained air conditioner. Optional cab tilt.

PERFORMANCE

Frame: Welded construction using solid steel channel main frame members and structural steel cross members.

Engine: Caterpillar C7.1, 250 hp @ 2200 rpm Tier IV Final.

Travel speed: Max. speed is 35 mph.

Wheels and Brakes: 28" cast steel wheels bolted to each axle, clasp cobra brakes (two shoes per wheel). Service brakes; air applied/spring released. Parking brakes; spring applied/air released.

SYSTEMS

Electrical System: 24 volt dc negative ground with 115 amp alternator. LED lights available as an option.

Hydraulic System: Engine-powered double pump drive. Pressure compensated Sauer Danfoss pump for cylinder functions. Gear pump for broom motor drive. Emmegi plate oil cooler and Danfoss control valves. Return filters built into the hydraulic tank. Electric emergency pump to operate selected circuits. Pressure filters optional.

Air System: Air compressor, engine oil lubricated, cam shaft driven, water-cooled, 15.2 cfm free air volume @ 1250 rpm. System pressure is 100-120 psi with 613 in.3 air tank. Service brakes are controlled by a pressure reducing valve and the parking brakes by a manually-operated dump valve. System is also equipped with a dual tone air horn, safety relief valve.



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