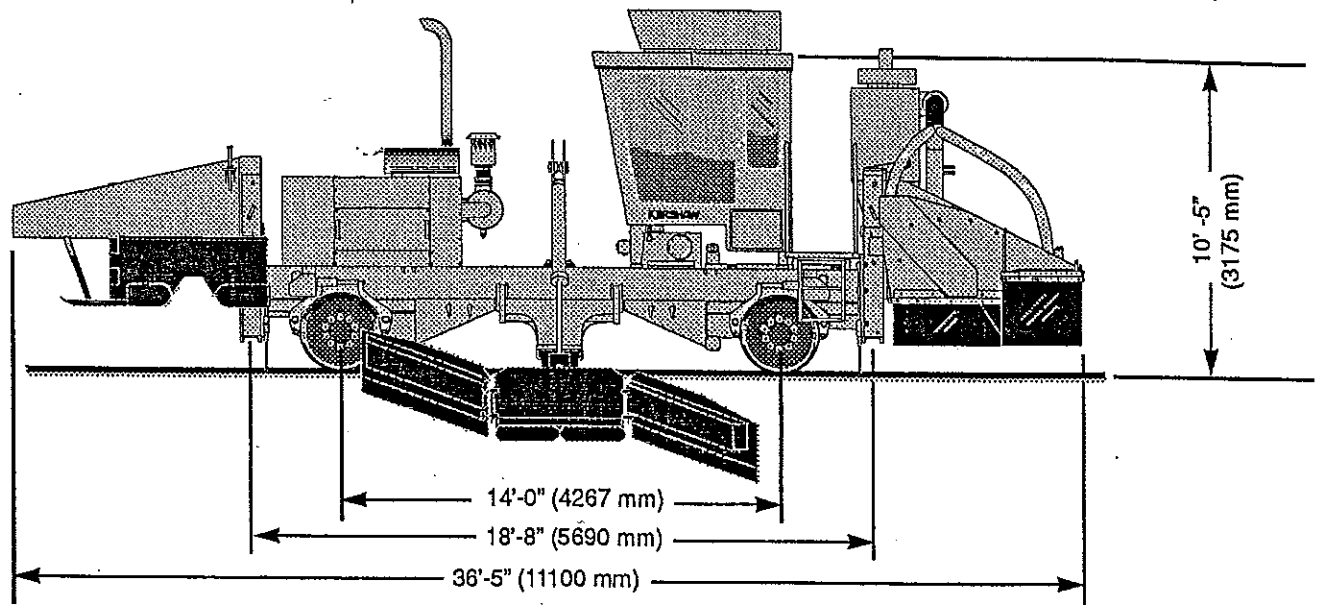


# Ballast Regulator 46-2

# KERSHAW

a division of Progress Rail Services Corporation



**Description:** Kershaw 46-2 has a one pass transfer plow, 36" (914 mm) wide reversible wings, and a broom attachment-making it a powerful machine for ballast shaping, shoulder profiling, and a variety of other track maintenance operations.

**Frame:** Welded construction using tubular steel and structural steel cross members.

**Weight:** 39,000 lbs. (17690 kg)

**Engine:** John Deere 6068T, 185 hp @ 2400 rpm.

**Propel System:** Hydrostatic drive, variable displacement pump, fixed displacement motor standard with four speed transmission. Optional variable displacement pump and variable displacement motor with "shift on the go" transmission. Travel speed 30 mph (48 km/h). Optional 50 mph (80 km/h).

**Transmission and Axles:** Propel motor powers a four speed transmission or optional two range "shift on the go" transmission. Dual propeller shafts, two (2) spring-mounted industrial type axles equipped with no spin differential. Gear ratio is 4.63:1 standard with a optional 6.14:1. Single control handle controls speed and direction in each range.

**Wheels and Brakes:** 24" (610 mm) cast steel wheels bolted to each axle, clasp brakes (two shoes per wheel). Service brakes; air applied/spring released. Parking brakes; spring applied/air released. Optional 28" (711 mm) wheels.

**Electrical System:** 12 volt dc negative ground, 120 amp alternator, 205 amp/hour battery, color coded and numbered wiring.

Because of Kershaw's continuous desire to improve products, specifications and design are subject to change at any time and without notice and without incurring any obligation to incorporate these changes in previous models. Illustrations and photographs may include optional equipment and may not include standard equipment. (1997)

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**Air System:** Air compressor, engine oil lubricated, cam shaft driven, water-cooled, 20 ft<sup>3</sup> (566 liters) free air volume @ 2200 rpm. System pressure is 100 psi (6.8 atm), 613 in.<sup>3</sup> (9.8 liters) 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.

**Hydraulic System:** Engine-powered dual pump drive with clutch drives hydrostatic propel pump and double pump for controls and broom. Control circuit includes pressure beyond manual, electrically actuated control valves and radiator-mounted oil cooler. 100 mesh suction screens and 10 micron return filters. Electric emergency pump to operate selected circuits.

**Cab:** Fully enclosed, insulated, safety glass, dome light, front windshield wiper and pivoting seat. Cab access from either side of machine. Two-operator cab is available with two seats and split controls.

**Capacities:** Fuel: 122.5 gal (464 liters), hydraulic: 98 gal (371 liters), engine crankcase: 12 qt (11 liters), cooling system: 24 qt (22.7 liters), pump drive: 4 1/2 qt (4.2 liters), transmission: 2 qt (1.9 liters), \*Add 2 qts (1.9 liters) for filter.

**Optional Equipment:** Scarifier teeth in wings, articulating wing templates, two-operator cab, climatized cab, v-type snow plow, snow wings, combination broom/snow switch cleaner, side set-off wheels, reversible broom, 4-season plow, 24 volt electrical system, dust collection system. Other options available on request.

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