



Progress Rail's Maintenance-of-Way (MOW) division was born out of the movement toward mechanization in the railroad industry and introduced the first Kershaw Ballast Regulator in 1945.

Today, Progress Rail supplies Kershaw MOW equipment, providing machines to all Class I railroads, transit and short lines and contractors around the world.

Our Kershaw 38-6 Kribber Adzer performs the tasks of three machines. First, the ballast is removed from between ties at the tie plate area, after which, the machine then adzes the cross ties at the tie plate seat for the placement of new tie plate

Afterwards, the machine sweeps away debris and wood shavings—all in one pass.

Equipped with two sweeper brooms—one on either side of the center mounted adzer head—the brooms consist of 2-inch diameter solid rubber elements, plus elements with steel tubing mounted on a steel reel powered by a hydraulic motor. These elements help to loosen any cemented ballast.

The adzer head is equipped with a solid steel adzer disk available in 16-, 18-, 19- or 21-inch diameter sizes with 4-, 6- or 8- cutter bit configurations powered by a hydraulic motor. The machine is capable of adzing in either direction.

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KERSHAW 38-6 KRIBBER ADZER

Frame: The main frame is of all-welded construction using heavy, 6-inch tubular steel. Cross members are of channel and tubular steel with reinforcements.

Weight: 28,000 lbs. (12704 kg).

Engine: Cummins 6BTA-5.9C rated at 185 hp (138 kW) @ 2200 rpm or John Deere 6068HF275 rated at 225 hp (168 kW) @ 2400 rpm.

Propel System: 3 1/2 inch diameter solid steel alloy axles with direct chain drive from hydraulic motor to one axle. Propel during work mode is provided by dual crawler tracks. Maximum adzer/work speed is 80 feet per-minute (25 m/min.). Maximum travel speed is 26 mph (42 km/h).

Wheels and Brakes: Four 16-inch (406 mm) diameter cast steel wheels with 3 1/2 inch (89 mm) diameter solid alloy steel axles. Spring applied hydraulic released fail safe brakes on each wheel. Heavy duty axle bearings.

Adzer Head: Special design, balanced solid steel adzer disk available in 16-, 18-, 19- or 21-inch diameter, 4 bit configurations; 18-inch-6 bit; and 21-inch-8 bit configurations powered by a hydraulic motor. The machine is capable of adzing in either direction of travel.

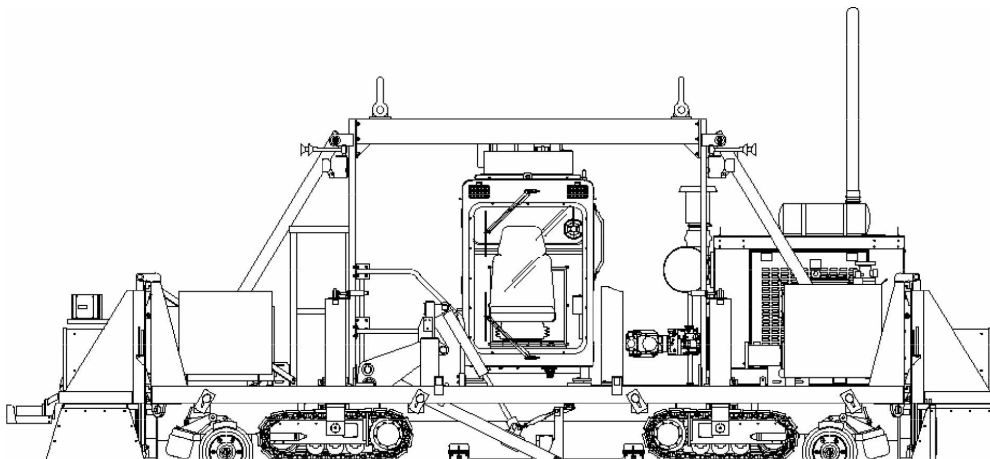
Cribbers: The machine is equipped with two sweeper brooms or cribbers, with one on either side of the adzer head. The brooms (cribbers) consist of 2-inch diameter solid rubber elements, plus elements with steel "knocker" tubing swaged on the end, and mounted on a welded, balanced steel reel powered by a hydraulic motor.

Electrical System: 24 volt DC negative ground. System maintained by engine driven alternator. Color coded and numbered wiring.

Hydraulic System: A closed loop type pump provides power to the adzing head and the rail travel wheels. A load sensing pump provides power for crawler functions, cribber motors, and all hydraulic cylinder functions.

Capacities- Fuel: 98 gal (370 liters), **Hydraulic:** 95 gal (360 liters).

Options: Dual cribbers on each end of the machine. Other options available upon request.



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