



Kershaw 38-6 Kribber Adzer

The Kershaw 38-6 Kribber Adzer performs the tasks of three machines. 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 plates. Afterwards, debris and wood shavings are swept away from the tie plate seat area all in one pass.

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

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

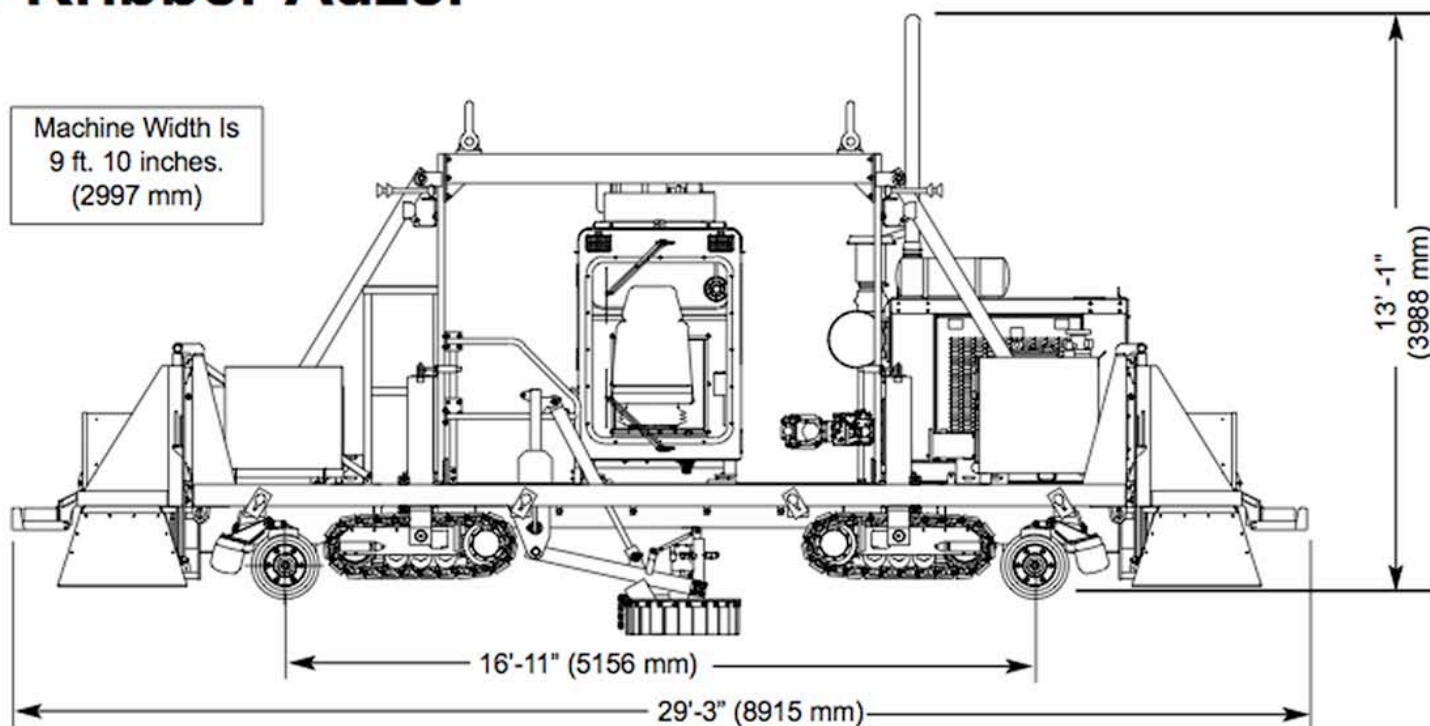
The Model 38-6 Kribber Adzer is equipped with a new Depth Control designed to allow constant independent up/down control of the adzer head in relation to the crawler tracks during operation of the machine. The Depth Control maintains a continuous level cut on the same plane without the operator having to make manual adjustments due to tie level variations. After initial set-up, the Depth Control will measure any variations in tie height by means of transducers and automatically make any adjustments necessary to maintain the same level cut on all of the ties. The results in a level tie plate seat area in both the parallel plane and perpendicular plane of the ties.



KERSHAW
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Description: The Kershaw 38-6 Kribber Adzer performs the task of ballast removal from between ties at the tie plate area, then adzes the cross ties at the tie plate seat for the placement of new tie plates. Afterwards, debris and wood shavings are swept away from the tie plate seat area. The unit is equipped with two sweeper brooms or cribbers, one on either side of the adzer head.

Frame: The main frame is of all-welded construction using heavy six 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 on the adzer side. 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 3.5 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 inch, 18 inch, 19 inch, 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, 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 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.

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.