



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.

The Kershaw® 44-2 Rotary Scarifier is a self-propelled machine designed to remove ballast, wood chips, and other debris from the cribs where old ties have been removed.

**Progress Rail**  
*A Caterpillar Company*

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# KERSHAW® 44-2 ROTARY SCARIFIER

**Frame:** The frame is off all welded construction using structural channel and formed plate.

**Weight:** 18,000 pounds.

**Engine:** Caterpillar C4.4, 131hp @ 2200 rpm Tier IV Final

**Propel System:** 3" (76 mm) diameter solid axles with chain drive from separate hydraulic motors driving both axles. Travel speed: 20 mph (32 km/hr). Two (2) propel drive motors for quicker response in work mode. #100 drive chain with hardened tooth sprockets. Heavy duty axle bearings.

**Wheels and Brakes:** 16" (406 mm) cast steel wheels. External, individual composite brake shoes applied directly on centerline of wheel tread. Service brakes are air applied, spring released. Emergency/parking brakes are spring applied, air released.

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

**Hydraulic System:** Pressure compensated piston type pump direct coupled to engine. Hydraulic oil is filtered through a 100 mesh (145 micron) suction screen and 10 micron return line filter. Manifold-type stack valves for improved serviceability. Electric emergency pump.

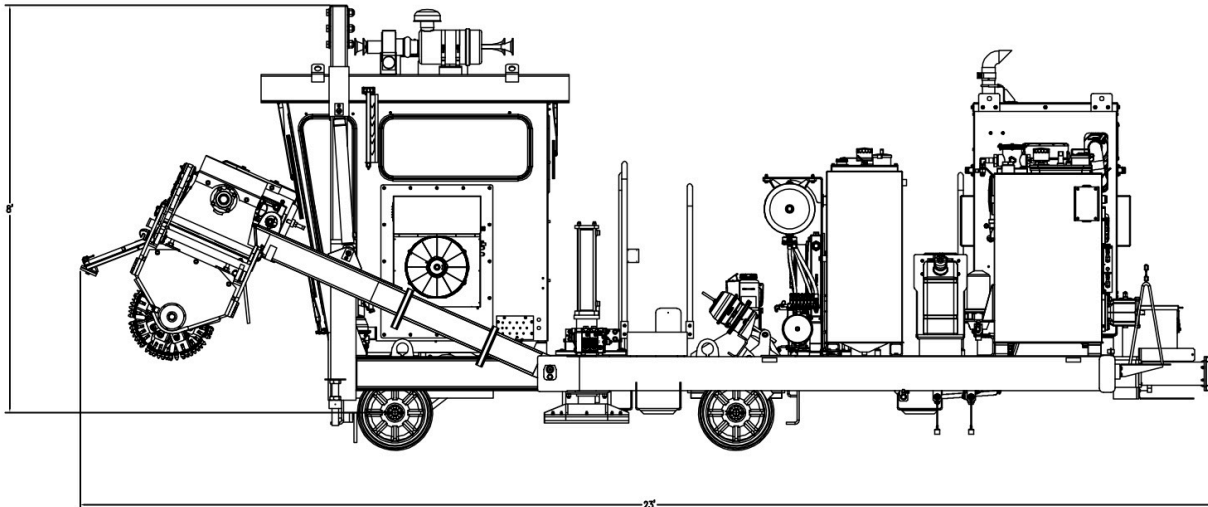
**Capacities:** Fuel: 75 gal, Hydraulic: 70 gal.

**Air System:** A 12 cfm (.34 m<sup>3</sup>/min) @1,250 rpm air compressor, engine oil lubricated, air-cooled; pressure - 100 - 120 psi (609 - 927 kPa), 15 gallon air tank.

**Cab:** Large enclosed cab with 99.5 cubic foot capacity. Ergonomically designed seat. Large front windshield with unobstructed view of operation. Hydraulic pilot-pressure bottom-ported joystick controls on operator seat with heat shields. Self-contained hydraulically driven air conditioner/heater/pressurizer unit mounted on rear wall of cab (roof mount optional).

**Options:** Non-insulated wheels, Rotary head extension, yard work head extension, tie inserter winch with sweeper/ kicker, rock axle kit, rear rubber padded bumpers.

**Dimensions:** Length: 24 feet, 2 inches; Width: 11 feet, 6 inches; Height: 8 feet, 9 inches.



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