KERSHAW KLEARWAY 500 BRUSHCUTTER

Our maintenance-of-way (MOW) company, Kershaw, was born out of the movement toward mechanization in the railroad industry and introduced the first ballast regulator in 1945.

Today, Kershaw is a supplier of maintenance-of-way equipment, providing machines to all Class I railroads, most transit and short lines and many contractors around the world.

Cover rough terrain with our Klearway 500 Brushcutter — a rubber-tired brush cutter. The Klearway 500 clears vegetation from utility and railroad right-of-ways.

Progress Rail

A Caterpillar Company

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KERSHAW 500 BRUSH CUTTER

Frame: Consists of welded construction front and rear main frames, with structural tubing and fabricated side members. Front and rear frames are connected by an articulating joint allowing 15º of up or down oscillation and 50º right or left power steering action.

Weight: Approximately 26,000 lbs. with standard 23.1 tires and rotary cutterhead. Weight increases to 28,000 lbs. when equipped with shredder-type cutterhead.

Engine: Equipped with Cat® C6.6 liquid-cooled diesel engine rated for 202 bhp @ 2200 rpm. Engine equipped with exhaust muffler and large capacity cooling system.

Propel System: Hydrostatic 4-wheel drive with propel motor driving through a heavy-duty 2-speed powershift transmission.

Transmission and Axles: 2-speed shift-on-the-go transmission connected by heavy-duty Dana-Spicer 1550 drive shafts to both axles.

Heavy-duty Caterpillar® axles with wet disc service brakes. Rear axle has no-spin differential and front axle is limited slip.

Wheels, Tires and Brakes: Tires are 23.1-26 10-ply logger type tire standard. Service brakes are inboard wet disc type.
Parking brake is driveline-mounted, fail-safe spring applied/hydraulic released wet disc.

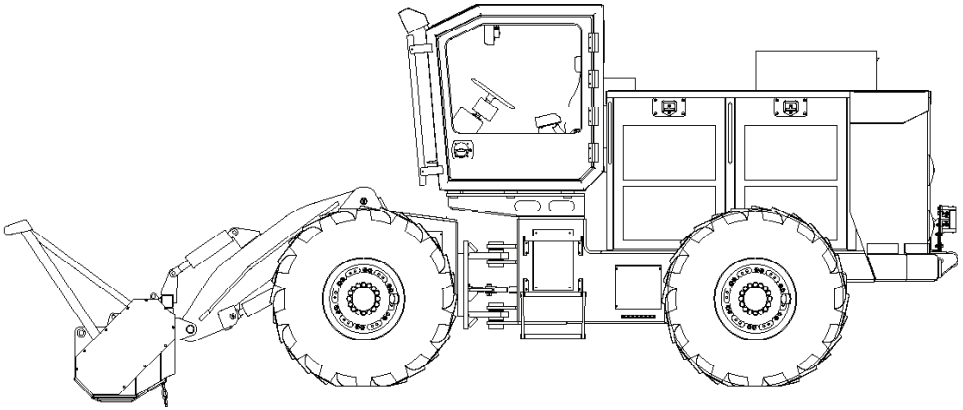
Hydraulic System: Engine-driven pump drive. Load sense control hydraulic system. Hydrostatic propel system consists of closed loop pump driving a hydraulic propel motor mounted on transmission. Charge loop filtration. Hydraulic reservoir mounted outside engine compartment with cleanout port and shutoff valve. Cutterhead hydraulic circuits consist of two closed loop hydrostatic systems with variable displacement pumps and fixed displacement motors.

Electrical System: 12-volt DC negative ground with engine-driven 100 amp alternator and two, 12-volt batteries with 950 cold cranking amps each.

Cab: Angled front roof panel equipped with Lexan roof viewing window reinforced with 1" steel grating. Equipped with pilot-pressure hydraulic joystick control for cutterhead lift and tilt functions. Fully enclosed cab with heater and air conditioner.

Tilt steering wheel uses flow amplification to produce a variable oil flow to steering cylinders in relation to steering wheel speed.

Fully adjustable seat with suspension, seat belts and lumbar support. Front windshield wiper, dome light, Lexan windows, front window guard, electric horn and full engine instrumentation are standard.



Cutterheads: Twin disk rotary cutterhead cuts an 8' swath. Twin disk allows independent rotational control of each disk, allowing better control of debris discharge. Twin disk with rotary axe-type blades cuts up to 8" diameter trees. Shredder cutterhead cuts 7' 1" swath and reduces all vegetation material to a fine mulch.

Travel Speed: Low range - 4.4 mph.
High range - 16.6 mph when equipped with 23.1 tires.

Capacities: Fuel tank - 81 gallons. Hydraulic tank - 70 gallons.

Ground Clearance: 21" when equipped with 23.1 tires. 23" with 28L26 tires.

Turning Radius: With 23.1 tires - 16 ft. 4 in outside tires. With 28L26 tires - 16' 7" outside tires.

Optional Equipment: Optional tire sizes: 23.1 x 26, 28L26 or 67 x 34.00-25.
Rotary twin disk cutterhead or shredder-type cutterhead.
Other options available upon request.

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