



Progress Rail specializes in serving the vegetation management industry with reliable Kershaw® equipment to tackle tough maintenance jobs that can access sites quickly and easily. Suitable for a variety of applications, our machines clear brush and vegetation for utilities, landscaping contractors as well as residential usage, right-of-way clearing and more.

The Klearway 500 and 500HD is a rough terrain, rubber-tired vehicle with a front-mounted rotary or shredder-type cutterhead designed to clear vegetation from utility right-of-ways, railroad right-of-ways and for site preparation.

Progress Rail
A Caterpillar Company

+1 800-633-5766
progressrail.com
@progressrail
@Progress_Rail

KERSHAW® 500 AND 500HD 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 15 degrees of up or down oscillation and 50 degrees right or left power steering action.

Weight: Approximately 32,000 lbs (11793.6kg) with standard 28L26 tires and rotary cutterhead. 28,000 lbs. (12700.8kg) w/shredder-type cutterhead.

Engine: Equipped with Caterpillar® C7.1 liquid-cooled diesel engine rated for the below at 2200 rpm. Engine equipped with exhaust muffler and large 150.6 kw capacity cooling system.

Klearway 500 - 249.43 hp | **500HD** - 301.7 hp

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

Wheels, Tires and Brakes: Tires: 28L26 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 one closed loop hydrostatic system with variable displacement pump and fixed displacement motors.

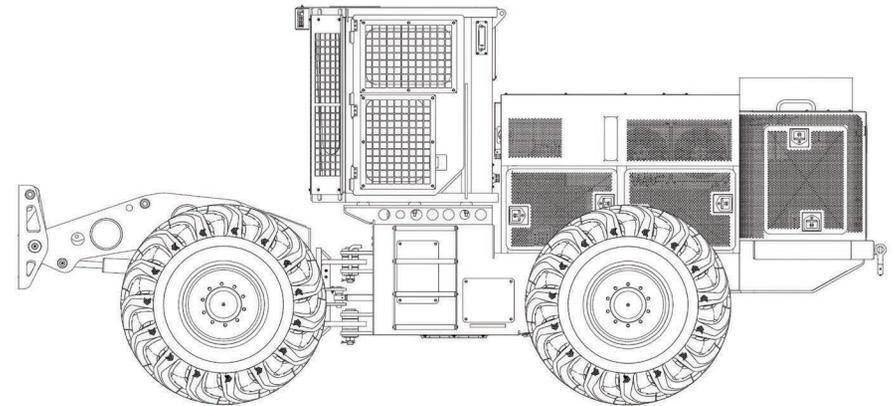
Electrical System: 24 volt dc negative ground with engine driven 115 amp alternator and two 12-volt batteries w/950 cold cranking amps each.

Cab: Angled front roof profile equipped with 1 ¼" (31.8mm) thick tinted Lexan roof viewing window. Equipped with joystick control for cutterhead lift and tilt functions. Fully enclosed cab with heater and air conditioner. 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.

Capacities: Fuel tank: 100 gallons (379l). **Hydraulic tank:** 85 gallons (322l).

Ground Clearance: With 28L26 tires: 23" (584.2mm).

Optional Equipment: Optional tire sizes: 23.1x26, 28L26 or 67x34.00-25. Other options available upon request.



Cutter Pump Displacement: Klearway 500 - 7.93 CIR | **500HD** - 10.07 CIR

Cutter Motor Max Displacement: Klearway 500 - 6.71 CIR | **500HD** - 9.76 CIR

Cutter Motor Min Displacement: Klearway 500 - 4.88 CIR | **500HD** - 5.86 CIR

Progress Rail
A Caterpillar Company

+1 800-633-5766
progressrail.com

 @progressrail

 @Progress_Rail