

KERSHAW 32-10 BRUSH CUTTER

OVERVIEW

The Kershaw Model 32-10 Brushcutter clears brush and overhanging tree branches from railroad right-of-ways. The Model 32-10 Brushcutter has two independently controlled booms attached to each side. A 10-foot wide cutter head is attached to the end of each boom, and can extend from zero to 90 degrees and lift up to 45 degrees from a horizontal position, or 40 degrees below. The machine is capable of cutting a 10-foot swath up to 30-feet from the track center on each side and leaves behind biodegradable mulch..

DIMENSIONS

Weight	18,000 lbs
Lenght	
Width	
Heigth	

OTHER FEATURES

Cab: Large enclosed cab with 99.5 cubic foot capacity. Ergonomically designed seat. Large front windshield with unobstructed view of boom operation through full range of motion. 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). Remote controlled boom travel lock. Rubber suspension ladder steps. No service items located on cab roof on standard machine.

Options: Basket grapple; two tie grapple; timber grapple; concrete tie grapple; rail clamps; bridge crane package; timber crane package; boom winch; two-speed propel; boom-mounted flail mower.



SYSTEMS

Electrical System: 12 volt DC negative ground, 100 amp alternator, color coded and numbered wiring.

Hydraulic System: Pressure compensated piston type pump direct coupled to engine. Deck rotation by hydraulic motor through gearbox. 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. Remote oil cooler accessible from ground level with dual electric cooling fans. Electric emergency pump.

Air System: A 12 cfm (.34 m³/min) @1,250 rpm air compressor, engine oil lubricated, air-cooled; pressure - 110-120 psi (758-927 kPa), 613 cubic inches (10 liter) air tank. Because of Progress Rail'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.

PERFORMANCE

Frame: Welded construction, lower frame is structural steel and 1-in. (25.4 mm) thick steel plate for the slewing ring support. Upper deck is structural steel and formed deck plates. Frame covered by a five (5) year warranty. Oversize 46 7/8 -inch. diameter slewing ring rated for 80,000 ft-lb. Remote grease fittings for slewing ring and axle bearings. Eight-channel 6,000 psi hydraulic swivel is accessible from upper deck.

Engine: Cat C4.4, Tier III, 127 HP @ 2200 rpm.

Travel Speed: 20 mph

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