

Introducing...

The Kut Kwick BrushMaster



The Kut Kwick BrushMaster (BM) series mower is designed for land developers for the preparation of land for sale and for foresters in the management of woodlands, fire mitigation and fighting, and tree farms. The BrushMaster is capable of removing and mulching brush and trees to 4" in diameter.



kut kwick

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STANDARD SPECIFICATIONS:

Tractor: Industrial brushcutting/mower, riding 88" cut, rear discharge, outfront rotary, standard with three $\frac{3}{8}$ " thick flat blades, self-propelled and steered through twin, closed loop hydraulic systems, independently powering 44 x 18.4-16.1, 8 ply drive wheels, 72 HP turbo-charged diesel engine. Operator seated at the rear extremity of the machine for safety. Caster type cutter with 19" x 6" puncture proof casters, 4" through 10" height adjustment, decked with $\frac{1}{4}$ " thick steel, supports the chassis from the front while pivoting to the sides to follow the contour of the ground. Standard with 4 point ROPS.

OTHER STANDARD DESIGN FEATURES:

Operator Safety Switch — Must be attached to the operator so that when pulled it functions as an emergency brake and safety switch. It cuts off and dynamically brakes the machine should the operator separate himself from the machine for any reason.

Hydraulics — Twin, closed loop hydraulic systems including hydraulic pumps and wheel motors coupled to planetary gearboxes, powering the forward or reverse rotation of the wheels. The two systems are supplied with hydraulic oil from a 52 gallon reservoir through a 10 micron filter system with a total system capacity of 55 gallons.

Steering — Each hydraulic drive system is independently controlled through a hand-activated directional control lever for direct drive wheel steering. The hand levers are individually advanced to rotate the wheels forward or are retarded from the neutral position to reverse the machine. One drive wheel can be rotated forward while the other wheel is reversed to turn the machine in less than its length. (A true "0" turning radius.)

Operational Braking — When the hand controls return toward the neutral position, the machine is hydraulically braked. When in neutral, the machine's movement is braked whether or not the engine is running. When released, the spring-loaded handles automatically return to the neutral position, braking the machine. The automatic return to neutral with automatic braking is a major safety feature.

Parking Brake — Each propulsion wheel is fitted with a "Fail Safe," hydraulically actuated brake that is released when the engine is started. This brake can be set through a valve when the engine is running for maintenance. The parking brake system incorporates an audio and visual alarm to alert the operator any time the brake is engaged with the engine running.

Freewheeling Device — Disengages the planetary gearboxes by reversing the caps located on the outside face of each gearbox. When towing, use only a rigid towbar.

Wheels — Drive: 44 x 18.4-16.1, 8 ply rating tractor tread tires for best traction in rough or wet conditions. Caster: 19" x 6" puncture proof.

Cutter Deck Drive — The cutter deck drive is a specially designed and highly efficient hydraulic drive system with a pump driven directly by the engine (no belts) which gives maximum efficiency of operation while minimizing maintenance requirements. The system includes three hydraulic motors, one for each blade.

Cutter Assembly — Extra heavy duty, rear discharge type equipped with three, $\frac{3}{8}$ " x 4" x 31" hardened alloy steel blades. The blades are mounted on 11/2" diameter, steel shafts, each supported by two precision ball bearings enclosed in a heavy, machined housing. Each spindle is independently hydraulically driven.

Engine — 72 HP turbo-charged industrial, cast iron, overhead cam, water-cooled diesel engine.

Air Filter — A special multi-stage engine air filter. Dust and dirt are removed centrifugally and deposited in a dust cup. A replaceable element removes finer particulate. The filter reduces maintenance, assuring longer engine life.

Controls — For safety and convenience, all the controls are ergonomically located. The propulsion control levers are located on either side of the operator, the engine throttle, gauge package and ignition switch are located

in an instrument panel located directly in front of the operator. The parking brake valve and fuel tank switch are located to the left of the instrument panel. The blade controls are located at the right knee shield.

Winch — Equipped with a 9,000 lbs electric winch with a lead of 100'. Located at the rear of the machine. Allows the machine to winch itself out should it ever become stuck. A block and tackle is also furnished that will double the winch's capacity to 18,000 lbs. The winch can be engaged for a maximum of 20 seconds followed by disengagement of at least 60 seconds.

Oil System — The BM is designed to use one oil in the engine and hydraulic systems. (Chevron Delo 400 15W40, or equivalent)

Cutting Height — adjustable 4" through 10".

Fuel Consumption — 1.056 gallons per hour normal usage; 1.760 gallons per hour in full cut continuous usage.

Ready to Operate — The mower has been operationally tested, is shipped fully assembled.

Brush Cutting — To 4" diameter.

Size and Weight — 93"W, 162"L, 105"H, 6020 lbs.

DESIGN CONSIDERATIONS, PATENTED:

This machine will remove brush and trees to 4" diameter from wooded areas. Leaves and limbs are mulched leaving an attractive managed appearance. Undesirable trees smaller than 4" diameter are removed. Developers - prepare land for sale. Foresters - manage and maintain woodlands and tree farms. No more burning, bulldozing or burying and no more herbicides. This machine is covered by one or more of the following patents and patents pending: (U.S.) 4,453,739; 4,515,337; 4,515,392; 4,700,536; 4,878,845; 4,876,846; 4,926,621; 6,138,444 (Foreign) 0,095,301; 0,262,285; 1,288,955; 1,316,355; 89109075.5

BEFORE



AFTER

