



McCULLOCH

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*world leader in chain saw sales
and professional chain saw features*



McCULLOCH **300** DIRECT DRIVE

- ★ Combination of reeds and 3rd port induction make this the most powerful, compact direct-drive saw available.
- ★ Weighs only 21 lbs. — yet has plenty of power to handle the toughest cutting jobs.
- ★ High clutch engagement speed eliminates chain drag.
- ★ Starts fast. Points and coil weather-proofed to assure fast starting all year long.
- ★ Dependability proved by torture-testing.
- ★ Uses McCulloch Auto-Mac, Super-Mac or SL Chain — smoothest cutting, toughest available.
- ★ Insulated fuel tank — saw runs cooler.
- ★ “Power Boost” diaphragm carburetor enables you to cut in any position, even when saw is upside down or sideways.
- ★ Convenient pistol grip, chain oiler, primer throttle and top-located ignition switch.

' SPECIFICATIONS — MODEL 300 '

Weight of unit less Bar & Chain (lbs., dry) 21

Dimension (overall outside frame measurement) Height 11"
Length 17"
Width 11"

Guide Bar 17, 19, 24, 31": Paddle Bow, Speed Tip, Roller Mac and Auto-Mac Bars.

Cutting Capacity (inches) McCulloch Super-Mac, SL or Auto Mac.

Type Saw Chain Single cylinder, two cycle air-cooled, crank-case scavenged.

Type of Engine Die cast aluminum alloy with precision honed CAST IRON LINER. Integral head.

Bore (inches) 2.125

Stroke (inches) 1.500

Displacement (cu. in.) 5.3

Compression Ratio 6.25:1

Direction of Rotation Facing Flywheel Counter Clockwise

Flywheel High pressure aluminum alloy die casting with integral magneto magnets, steel hub.

Crankcase Material High pressure die casting of aluminum, cast integrally with cylinder.

Crankshaft Material Drop forged SAE 8620 steel, carburized, hardened and ground.

Connecting Rod Material Drop forged SAE 8620 steel, hardened, ground, manufactured by special process to insure perfect fit with no distortion to rod or cap.

Connecting Rod Length Center to Center (in.) 2.51

Connecting Rod Crankpin Bearings 24 needle rollers.

Connecting Rod Wrist Pin Bearings Two needle bearings.

Main Bearings Ball bearings.

Piston Permanent Mold Aluminum. (Oversize pistons available)

Number and Type Piston Rings 2 compression rings, top ring chromed, assuring quick sealing, low friction and long life.

Ignition Specially designed McCulloch water-proof high tension magneto.

Coil Location Outside flywheel. (Fan Cooled).

Coil to Flywheel Clearance (inches) .008—.012

Ignition Timing B.T.C. 26° Static.

Location of Breaker Points and Condenser Under Flywheel.

Breaker Point Gap (inches) .019 - .020

Spark Plug Type Champion J-8-J.

Spark Plug Gap (inches) .025

Throttle Type Butterfly.

Carburetor Type Diaphragm type, enabling engine to operate efficiently in all cutting positions. Fully enclosed in filtered air chamber.

Fuel Filter Felt in pick up line, insures clean, water-free fuel delivery.

Fuel Tank Venting 2-way valve, pressure regulated.

Air Filter Type Extra capacity, flat flock screen with rubber edge.

Type Fuel Recommended Automotive Regular Grade.

Fuel-Oil Mixture with McCulloch Oil 20:1

Fuel Tank Capacity (quarts) 1.3

Type Fuel Pump Diaphragm

Type Intake Valve Tuned reed and 3rd port.

Type Cylinder Scavenging Loop.

Clutch Engaging Speed R.P.M. 2,800

Gear Ratio Direct Drive.

Gear Case Lubricant and Capacity None.

Sawdust Guard Fixed Screen.

Starter Automatic Rewind with nylon rope.

Clutch Automatic four-metal shoe, centrifugally operated.

Chain Oiler Manual.

Chain Oiler Reservoir Capacity (qts.) .35

Muffler Spark-arrester.

Handle Frame Flush-cut with plasticized grip.

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.