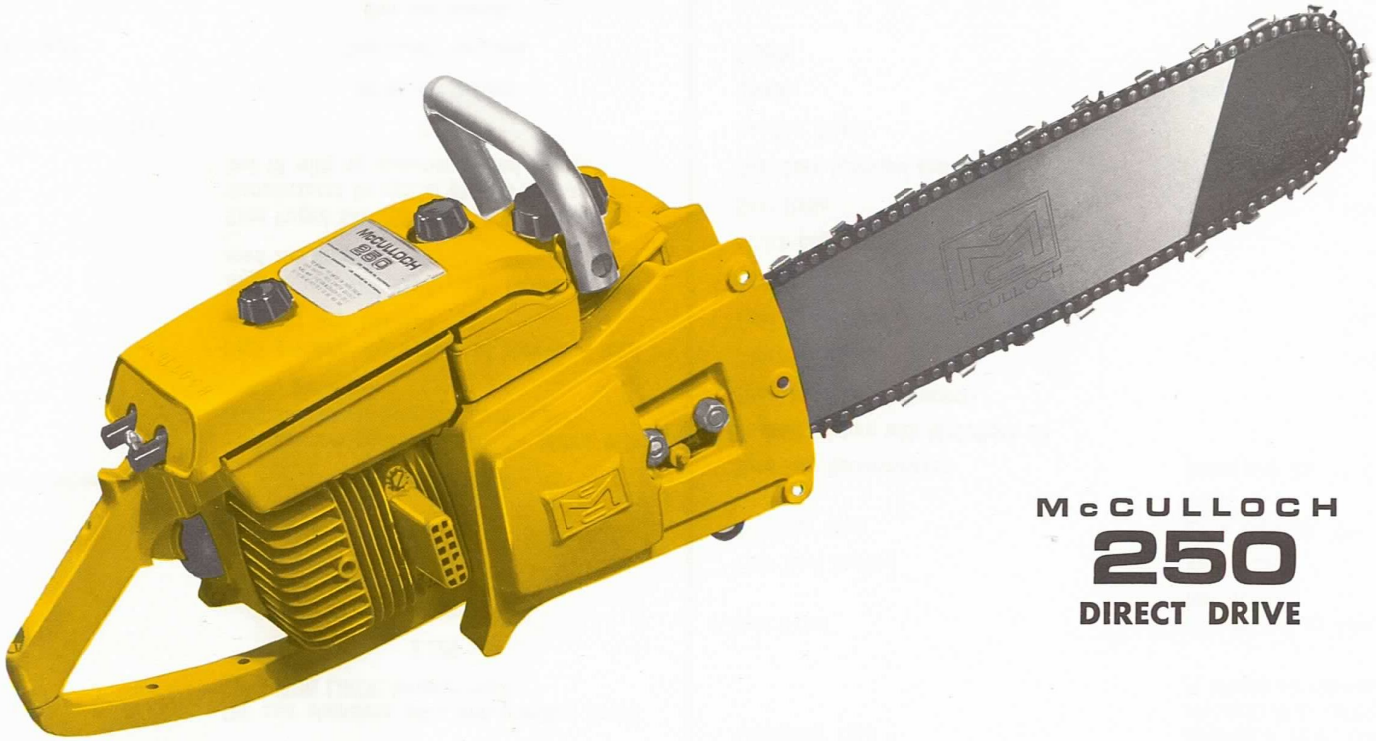
McCULLOCH

McCULLOCH

world leader in chain saw sales
and professional chain saw features



McCULLOCH 250
DIRECT DRIVE

- ★ Powerful, fast cutting direct drive saw with features comparable to top professional models.
- ★ Offers more value at a low price due to McCulloch leadership in quality engineering.
- ★ All-weather operation due to fully enclosed, weather-proof points, coil and spark plug.
- ★ Takes bars up to 24″. Also Auto-Mac, Speed Tip and Paddle Bow.
- ★ Uses smooth cutting, long lasting McCulloch Super-Mac, Auto-Mac or SL chain.
- ★ It's a 21 pound lightweight that packs the punch of professional heavy weights.

★ See Your McCulloch Dealer for a 250 Demonstration.

ADV 705/64

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"SPECIFICATIONS — MODEL 250"

Weight of unit less Bar & Chain (lbs., dry)	21
Dimension (overall outside frame measurement)	Height 11″ Length 17″ Width 11″
Guide Bar Cutting Capacity	17″, 19″, 24″. Paddle Bow, Speed Tip and Auto-Mac Bars.
Type Saw Chain	McCulloch Super-Mac, SL or Auto-Mac.
Type of Engine	Single cylinder, two cycle air-cooled, crank case scavenged.
Type of Cylinder	Die cast aluminum alloy with precision honed CAST IRON LINER. Integral head.
Bore (inches)	2.125
Stroke (inches)	1.375
Displacement (cu. in.)	4.9
Compression Ratio	6:1
Direction of Rotation Facing Flywheel	Counter Clockwise
Flywheel	High pressure aluminum alloy die casting with integral magneto magnets, steel hub. forcing plate.
Crankcase Material	High pressure die casting of aluminum, cast integrally with cylinder.
Crankshaft Material	Drop forged SAE 8620 steel, induction 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 and needle.
Piston	Permanent-mold Aluminum.
Number and Type Piston Rings	2 cast iron compression rings for 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, waterfree fuel delivery.
Fuel Tank Venting	Vented cap.
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)	1¼
Type Fuel Pump	Diaphragm.
Type Intake Valve	Tuned reed.
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 two-metal shoe, centrifugally operated.
Chain Oiler	Manual.
Chain Oiler Reservoir Capacity (qts.)	.35
Muffler	Stack Type.
Handle Frame	Flush cut type.

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.