



It's Easier With a New

MCCULLOCH ONE/81



- ★ New shock-absorber system takes the jolt out of cutting.
- ★ New two-position "Town & Country" muffler reduces noise.
- ★ Automatic rewind starter has easi-grip handle and rugged nylon cord.
- ★ Gives you more lugging power than any other saw its size.
- ★ Starts fast. The McCulloch One/81 delivers full power right now! Points and coil are weather proofed to assure fast starting all year long.
- ★ Designed for professional heavy-duty cutting.
- ★ Dependability proved by Torture-Testing.
- ★ Takes bars up to 42", 15" Plunge Bow, 24" Paddle Bow.
- ★ Deep-breathing diaphragm carburetor allows all position cutting, at full power.
- ★ Equipped with long-lasting Super Pintail® Chain.

NUMBER ONE In World Sales

See Your McCulloch Dealer For a One/81 Demonstration

"SPECIFICATIONS - MODEL ONE/51"

Weight of unit less Bar & Chain (lbs., dry)	19	Coil Location	Outside flywheel. (Fan cooled)
Dimension (overall outside frame measurement)	Height 11" Length 17" Width 13"	Coil to Flywheel Clearance (inches)	.008-.012
Bar lengths (inches)	12", 15", 18", 24", 30", & 24" Paddle Bow.	Ignition Timing Procedure	Set point gap with .019 wire.
Type Saw Chain	McCulloch Super Pintail®.	Ignition Timing B.T.C.	26° Static.
Type of Engine	Single cylinder, two cycle air-cooled, crank-case scavenged.	Location of Breaker Points and Condenser	Under Flywheel.
Type of Cylinder	Die cast aluminum alloy with precision honed CAST IRON LINER. (oversize pistons available)	Breaker Point Gap (inches)	.017-.019
Bore (inches)	2.125	Spark Plug Type	Champion J-8-1.
Stroke (inches)	1.375	Spark Plug Gap (inches)	.025
Displacement (cu. in.)	4.9	Throttle Type	Butterfly.
Compression Ratio	6:1	Carburetor Type	Special diaphragm type enabling engine to operate efficiently in all cutting positions. Fully enclosed in filtered air chamber. Felt in pick-up line, insures clean, waterfree fuel delivery.
Direction of Rotation Facing Flywheel	Counter Clockwise.	Fuel Filter	Solid cap: Self-venting system.
Flywheel	High pressure aluminum alloy die casting with integral magneto magnets, steel hub and reinforcing plate.	Fuel Tank Venting	Extra capacity, flat flock screen with rubber edge.
Crankcase Material	High pressure die casting of aluminum, cast integrally with cylinder.	Air Filter Type	Automotive Regular Grade.
Crankshaft Material	Drop forged SAE 8620 steel, carburized, hardened and ground.	Type Fuel Recommended	20.1
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.	Fuel-Oil Mixture with McCulloch Oil	1.4
Connecting Rod Length Center to Center (in.)	2.51	Fuel Tank Capacity (quarts)	Diaphragm
Connecting Rod Crankpin Bearings	24 needle rollers.	Type Fuel Pump	Tuned reed.
Connecting Rod Wrist Pin Bearings	Two needle bearings.	Type Intake Valve	Loop.
Main Bearings	Ball and needle.	Type Cylinder Scavenging	2,600
Piston	Permanent Mold Aluminum.	Clutch Engaging Speed R.P.M.	1:1 Direct Drive.
Number and Type Piston Rings	2 narrow compression rings assuring quick sealing, low friction and long life.	Gear Ratio	None.
Ignition	Specially designed McCulloch water-proof high tension magneto.	Gear Case Lubricant and Capacity	Fixed Screen.
		Sawdust Guard	Automatic rewind with nylon rope.
		Starter	Automatic four-metal shoe, centrifugally operated.
		Clutch	Manual.
		Chain Oiler	Quiet type, spark arrestor.
		Chain Oiler Reservoir Capacity (qts.)	Full wrap around.
		Muffler	
		Handle Frame	

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.