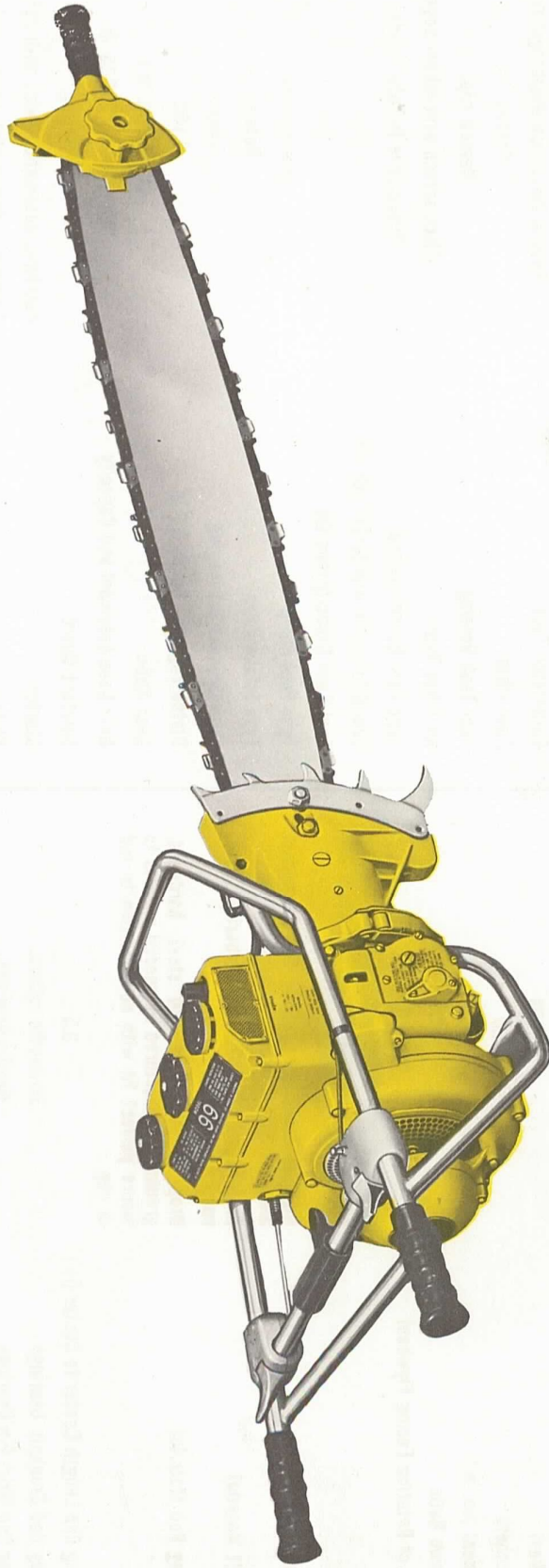




It's Easier With a New

MCCULLOCH MODEL 99



- ★ Most powerful McCulloch made.
- ★ Use either as a one or two-man saw.
- ★ Out-performs them all for heavy wood-cutting jobs.
- ★ Equipped with gear-drive and full swivel bar.
- ★ Engine unit quickly detaches and can be converted into a portable earth drill.
- ★ Engine balanced for vibration-free operation.
- ★ Real logging power in the biggest timber.

NUMBER ONE In World Sales

See Your McCulloch Dealer For a Model 99 Demonstration

" SPECIFICATIONS — MODEL 99 "

Weight of unit less Bar & Chain (lbs., dry)	51	Coil Location	Outside flywheel. (Fan Cooled)
Dimension (overall outside frame measurement)	Height 14" Length 30" Width 22½"	Coil to Flywheel Clearance (inches)	.008—.012
Bar lengths (inches)	20", 30", 40", 50", 60" & 20" Bow.	Ignition Timing Procedure	Use timing pin in flywheel, set breaker points to break.
Type Saw Chain	McCulloch "J" or "F"	Ignition Timing B.I.C.	25° Static.
Type of Engine	Single cylinder, two cycle air-cooled, crankcase scavenged. Engine has counter rotating balance weights to give almost vibrationless operation.	Location of Breaker Points and Condenser	Outside of engine.
Type of Cylinder	Die cast aluminum alloy with precision honed CAST IRON LINER. (oversize pistons available)	Breaker Point Gap (inches)	.017—.019
Bore (inches)	2.503	Spark Plug Type	Champion J-8-J.
Stroke (inches)	2.0	Spark Plug Gap (inches)	.025
Displacement (cu. in.)	9.8	Throttle Type	Butterfly.
Compression Ratio	6:5	Carburetor Type	Special McCulloch Diaphragm type.
Direction of Rotation Facing Flywheel	Clockwise	Fuel Filter	Screen.
Flywheel	High pressure aluminum alloy die casting with integral magneto magnets, steel hub and reinforcing plate.	Fuel Tank Venting	Vented cap.
Crankcase Material	High pressure die casting or magnesium alloy for high strength to weight ratio.	Air Filter Type	Flock screen with rubber edge
Crankshaft Material	Drop forged SAE 8620 steel carburized, hardened and ground.	Type Fuel Recommended	Automotive Regular Grade
Connecting Rod Material	Drop forged SAE 8612H steel, hardened, ground, manufactured by special process to insure perfect fit with no distortion to rod or cap.	Fuel-Oil Mixture with McCulloch Oil	20:1
Connecting Rod Length Center to Center (in.)	3.5	Fuel Tank Capacity (quarts)	2.5
Connecting Rod Crankpin Bearings	32 needle rollers.	Type Fuel Pump	Gravity Feed.
Connecting Rod Wrist Pin Bearings	Needle bearings.	Type Intake Valve	Rotary.
Main Bearings	1 needle and 1 ball.	Type Cylinder Scavenging	Loop.
Piston	Permanent Mold Aluminum.	Clutch Engaging Speed R.P.M.	2,100
Number and Type Piston Rings	2 narrow compression rings, top ring chromed, assuring quick sealing, low friction and long life.	Gear Ratio	Standard 3.78:1
Ignition	Specially designed McCulloch water-proof high tension magneto.	Gear Case Lubricant and Capacity	Lubriplate #310-¼ lb.
		Sawdust Guard	Rotating.
		Starter	Anti-kick, automatic rewind with nylon rope.
		Clutch	Automatic four-metal shoe, centrifugally operated.
		Chain Oiler	Manual.
		Chain Oiler Reservoir Capacity (qts.)	.72
		Muffler	McCulloch fire proof, spark arrestor type.
		Handle Frame	Handle bar, with outboard handle attachment for 2 man operation.

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.