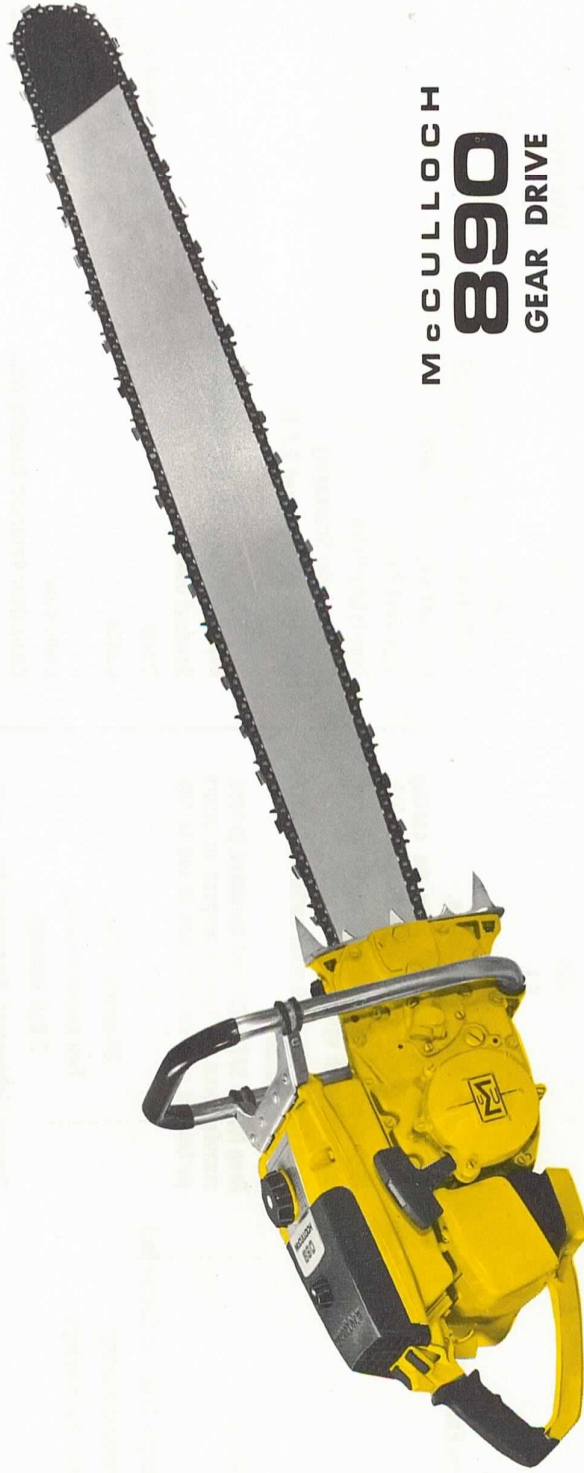




McCULLOCH

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



McCULLOCH **890** GEAR DRIVE

- ★ Automatic oiler with manual override controls lubrication for smooth cutting, long bar and chain life.
- ★ Gear drive provides extra lugging power for felling big timber.
- ★ Shock-absorber system takes the jolt out of cutting.
- ★ Improved spark arrester reduces noise up to 50%.
- ★ Automatic rewind starter has easi-grip handle and rugged nylon cord.
- ★ Starts fast. Fingertip primer and weather-proof points and coil assure fast starting all year long.
- ★ Designed for professional heavy-duty cutting.
- ★ Takes bars up to 44", Plunge Bow, Auto-Mac, Paddle Bow, Speed Tip, Roller Mac Bars.
- ★ Deep-breathing McCulloch "Power Boost" diaphragm carburetor allows all position cutting, at full power.
- ★ Equipped with long-lasting Super-Mac or Auto-Mac Chain.

' ' SPECIFICATIONS - MODEL 890 ' '

Weight of unit less Bar & Chain (lbs., dry)	27.5	Coil to Flywheel Clearance (inches)	.008—.012
Dimension (overall outside frame measurement)	Height 14" Length 20" Width 10½"	Ignition Timing B.T.C.	26° Static.
Guide Bar	16, 18, 20, 26, 33, 38, 44". Plunge Bow, Auto-Mac, Paddle Bow, Speed Tip, Roller Mac Bars.	Location of Breaker Points	Under Flywheel.
Cutting Capacity		Breaker Point Gap (inches)	.019 - .020
Type Saw Chain	McCulloch Super-Mac, SL or Auto-Mac.	Spark Plug Type	Champion J-8-J.
Type of Engine	Single cylinder, two cycle air-cooled, crank-case scavenged.	Spark Plug Gap (inches)	.025
Type of Cylinder	Die cast aluminum alloy with precision honed CAST IRON LINER. Integral head.	Throttle Type	Butterfly.
Bore (inches)	2.217	Carburetor Type	Special McCulloch "Power Boost" diaphragm type with primer enabling engine to operate efficiently in all cutting positions. Fully enclosed in filtered air chamber.
Stroke (inches)	1.635	Fuel Filter	Felt; assures waterfree fuel delivery.
Displacement (cu. in.)	6.3	Fuel Tank Venting	2-way check valve, pressure regulated system.
Compression Ratio	6.40:1	Air Filter Type	Extra capacity, flat flock screen with rubber edges.
Direction of Rotation Facing Flywheel	Counter Clockwise.	Type Fuel Recommended	Automotive Regular Grade.
Flywheel	High pressure aluminum alloy die casting with integral magneto magnets, steel hub.	Fuel-Oil Mixture with McCulloch Oil	20:1
Crankcase Material	High pressure die casting of aluminum, cast integrally with cylinder.	Fuel Tank Capacity (quarts)	1.4
Crankshaft Material	Drop forged SAE 8620 steel carburized, hardened and ground.	Type Fuel Pump	Diaphragm.
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.	Type Intake Valve	Tuned Reed and 3rd Port.
Connecting Rod Length Center to Center (in.)	2.51	Type Cylinder Scavenging	Loop.
Connecting Rod Crankpin Bearings	24 needle rollers.	Clutch Engaging Speed R.P.M.	2,600
Connecting Rod Wrist Pin Bearings	Two needle bearings.	Gear Ratio	2:1
Main Bearings	2 Ball Bearings.	Gear Case Lubricant and Capacity (pts.)	.21
Piston	Special Lightweight Permanent Mold Aluminum (oversize pistons available).	Sawdust Guard	Fixed Nylon Grille.
Number and Type Piston Rings	Two steel rings, chrome plated for extra service life.	Starter	Automatic rewind with nylon rope.
Ignition	Specially designed McCulloch water-proof high tension magneto.	Clutch	Automatic four-metal shoe, centrifugally operated. Lined.
Coil Location	Outside flywheel (Fan Cooled).	Chain Oiler	Automatic with manual override.
Air Vane Governor	Prevents no-load overspeed.	Chain Oiler Reservoir Capacity (qts.)	.22
		Muffler	Improved fireproof spark arrester type.
		Handle Frame	Shock mounted full wrap around handle. Plasticized grip.
		Safety Control Panel	Engine controls are grouped so that they can be actuated from the "pistol grip" position while the saw is held firmly with both hands.

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.