

# McCulloch 7-10 Automatic

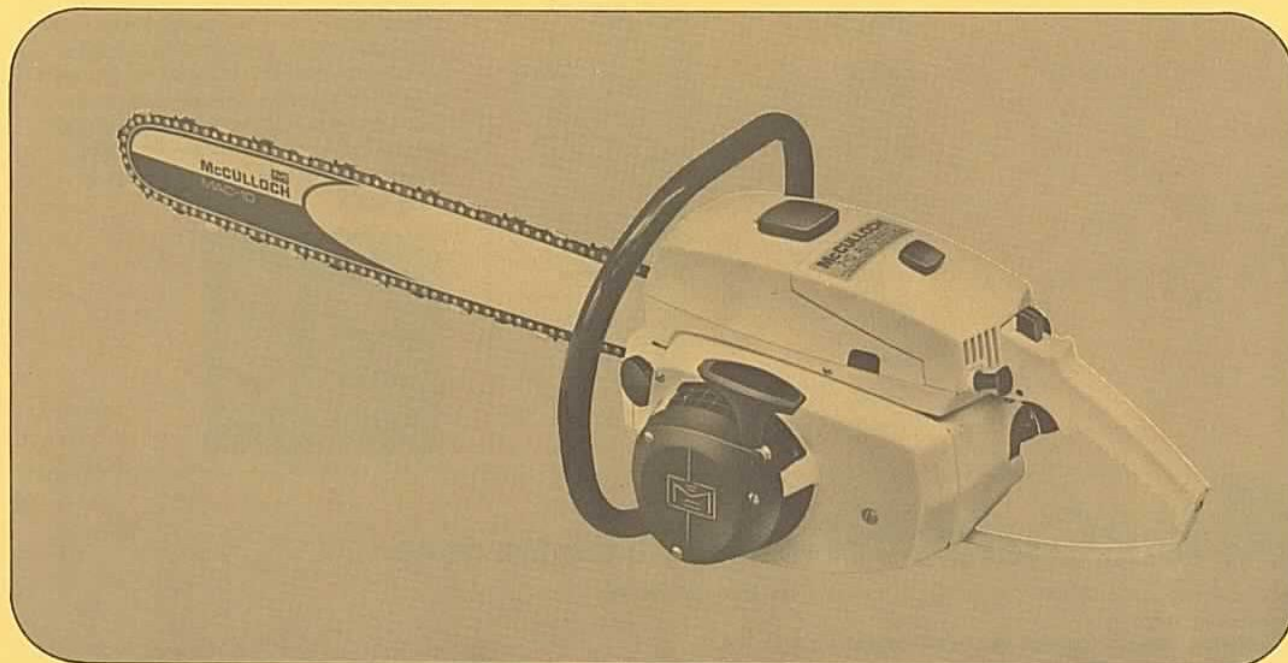
**Weighs less,  
has more power  
than any saw  
in its price class.**

This brand new lightweight weighs only 12½ lbs.\* So you can cut easier and work longer with less effort. And the new left hand start design lets you move close to the ground for easy felling. A big 70cc (4.3 cu.in.) engine really puts out the power — over 1 horse per cubic inch. That's why this new McCulloch out performs many heavier saws.

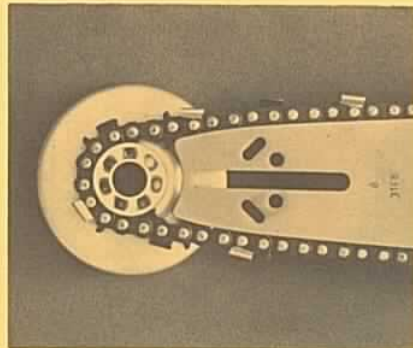
Features? The 7-10 Automatic is loaded with them. Exclusive Safe-T-Start™ keeps chain from turning during starting. Automatic bar and chain oiling. DSP compression release for 50% easier starts. Extra large fan and fast start carburetor for top performance in any climate. Plus many more McCulloch fetures.

You'll like the heft and feel of the new 7-10 Automatic. You'll like its power and dependability. But best of all you'll like the economy price of this new lightweight pro.

\*less cutting attachments



## McCulloch Bars & Chain



Unlike other brands, McCulloch bars and chains are designed for just one purpose: to give you the best cutting performance from your McCulloch engine. McCulloch guide bars are specially contoured to fit precisely, hardened to resist wear, and machined from strong metals. Their narrow design reduces pinching and binding in the cut, reduces weight too.

McCulloch low-profile chain has full chip clearance so it cuts faster and smoother in all woods. Top plates on cutter teeth are designed to eliminate chip jams. Side links are extra strong. Large bearing surfaces insure longer chain life because they resist wear, take more punishment.

When you team a McCulloch bar and chain with a McCulloch sprocket you've done all you need to do — the engine does the rest!

## McCulloch Sprockets

Just as a racing car needs a special transmission to handle all the power the engine develops, it takes a precision sprocket to transmit full power from McCulloch's engine to the chain. Only McCulloch designs sprocket, bar and chain as an integrated unit then precision matches these important components to the engine. To meet the demands of these high-compression engines, McCulloch rim sprockets ride on caged needle bearings to reduce friction and eliminate chain "creep" at idle speeds. Special "slots" in the rim sprocket guide center-link drive-tangs for a smooth, belt-drive action while the rim supports side links to reduce chain wobble, jump, sag and chatter.

### McCulloch Chain Saw Features and Specifications

<b>McCulloch Convenience Features</b>	<b>7-10 Automatic Direct Drive</b>
Weight*	12½ lbs (5.68 Kg)
Guide Bar	McCulloch "Pro-Mac"
Overall Dimensions (outside frame)	9½" H x 15" L x 10" W (.23 x .59 x .25 m)
Muffler	Flush-cut Design "Spark Arrester"
Easy Starting	Easy Pull DSP Starter Automatic Rewind with nylon rope
Bar/Chain Oiling	Automatic plus manual
Handle Frame	Plasticized handle bar grip (flushcut design) and rubber insert in pistol grip
<b>Engine Specifications</b>	
Power Unit	Single cylinder, two cycle, high performance, air-cooled, loop scavenged engine
Displacement	4.3 cu in (70cc)
Bore & Stroke	(2.00" x 1.375") (50.8 x 35 mm)
Bearings	Main: Ball & Needle Con Rod: Needle roller
Piston Rings	2 cast iron compression rings
Carburetor	Diaphragm type with choke. Fully enclosed, external adjustments
Filtering System	Felt fuel filter. Rubber edged flocked air filter
Fuel Type	Regular grade automotive
Fuel — Oil Mixture	40:1 with McCulloch oil
Fuel Tank Capacity	1.5 US pints (71 cc)
Intake Valve	3rd port, piston timed
Clutch	Automatic Centrifugal
Clutch Engaging Speed	3,000 RPM
Chain Oiler Capacity	.6 US pints (284 cc)
Ignition	McCulloch waterproof high tension magneto
Breaker Point Gap	.019"-.020" (.5 mm)
Coil Location	Outside flywheel. Fan cooled
Timing	26° BTC
Spark Plug	AC-CS 42T (miniaturized) Gap .025 (.63 mm)
Chain	McCulloch SM-57, .058" gauge (1.47 mm)
Sprocket	7 tooth, .354" (9 mm) pitch, rim type

### New McCulloch Chain, Bar & Sprocket Oil

This special anti-wear formula can actually double chain life by providing lubrication during critical first seconds of cutting when ordinary oil has not yet reached bar and chain. A special MOLY additive clings to the chain at all times, even during high-speed cutting for better lubrication, less waste. A new anti-pitch additive keeps chain moving smoothly through green and sappy woods. Available in 1-quart graduated plastic bottles.

### McCulloch 40:1 Oil

Only McCulloch recommends a 40:1 gas/oil mix throughout their product line. Because McCulloch engines are built to precise engine tolerances. Many manufacturers specify a thick 16:1 gas/oil ratio for their engines. Our 40:1 oil has many advantages. It can reduce oil costs. It protects the engine by reducing harmful carbon deposits which cause engine wear. It increases power, creates less smoke and adds many hours of spark plug and engine life. Available in new graduated plastic quart bottles, cans, 6-packs, or case lots.



# McCulloch really gets the job done

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