

The year of the big change in chain saws

McCULLOCH 1966

McCULLOCH
WELDED TIP
McCULLOCH
MAC 1-10

New McCulloch Mac 10 series makes all other lightweights out of date and overweight

5 BIG REASONS WHY THE NEW MAC-10 SERIES IS YOUR BEST LIGHTWEIGHT CHAIN SAW BUY

1 WEIGHT Compare the new MAC-10's on weight and you'll quickly find that they are up to 25% lighter than other so-called lightweights. The new featherweight MAC 1-10 weighs just 10½ pounds*. The new MAC 2-10 at 10¾ pounds*, is the only true lightweight with two chain oiling systems. It has a fully adjustable automatic system that pumps a precise-continuous flow of oil directly to the chain for easier cutting and longer bar and chain life. Unlike some other automatics the MAC 2-10 has a separate manual system so that you can provide additional oiling where needed for even the toughest cutting conditions.

2 DESIGN MAC-10's are the best looking chain saws on the market regardless of size. But their real beauty is found in their handling. McCulloch engineers started with a low center of gravity and placed the bar near the center line of the saw to give the MAC-10's a working balance—the kind you can really feel and appreciate regardless of the cutting job you're doing. This balance combines with light weight to make the MAC-10's the most easily controlled saws ever made. Both feature right-hand starters for your convenience. Once you try one of the new MAC-10's you'll know they were designed with you in mind.

3 POWER When it comes to power, just wait until you get your hands on either the MAC 1-10 or MAC 2-10. When you make the first cut, you'll know that lightweight doesn't mean under-powered. Even though MAC-10's are light and small, they have that extra power per pound that McCulloch's are famous for.

4 DEPENDABILITY McCulloch saws are world renowned for dependability. And to make a lightweight without sacrificing dependability, the MAC-10's were engineered from scratch. New concepts reduce the number of parts by almost 30%, yet still retain all the performance features and dependability that have sold well over 1,000,000 McCulloch chain saws.

5 ECONOMY The combination of McCulloch's new carburetion system and engine design cuts fuel consumption as much as 12%. The precision engine tolerances in the new MAC-10's allow you to use McCulloch oil at a 40:1 gas/oil mixture for top economy and clean operation. This economy plus the oversize oil and fuel tanks means you can cut longer for each tank of fuel.

**Weight shown is engine only, dry, less bar and chain.*

25% lighter than most other so-called lightweight chain saws

Every inch and ounce newly engineered

Compare these features against any other lightweight chain saw. Only McCulloch gives you so many plus–features in one saw.



Automatic Oiling: On the MAC 2-10, is fully adjustable. Oil is pumped to the chain automatically, continuously providing the right amount of oil for increased bar and chain life—more efficient cutting. A separate manual oiler system provides extra lubrication in extra-tough cutting situations.



Carburetor: Completely enclosed, McCulloch single-jet carburetor has self-cleaning jet action. Large venturi assures better breathing, maximum power output. Operates in all cutting positions.



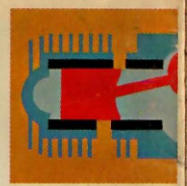
Fingertip Primer: Makes starting easier by eliminating choke. Speeds fuel to combustion chamber, so you don't have to pull the starter over and over again.



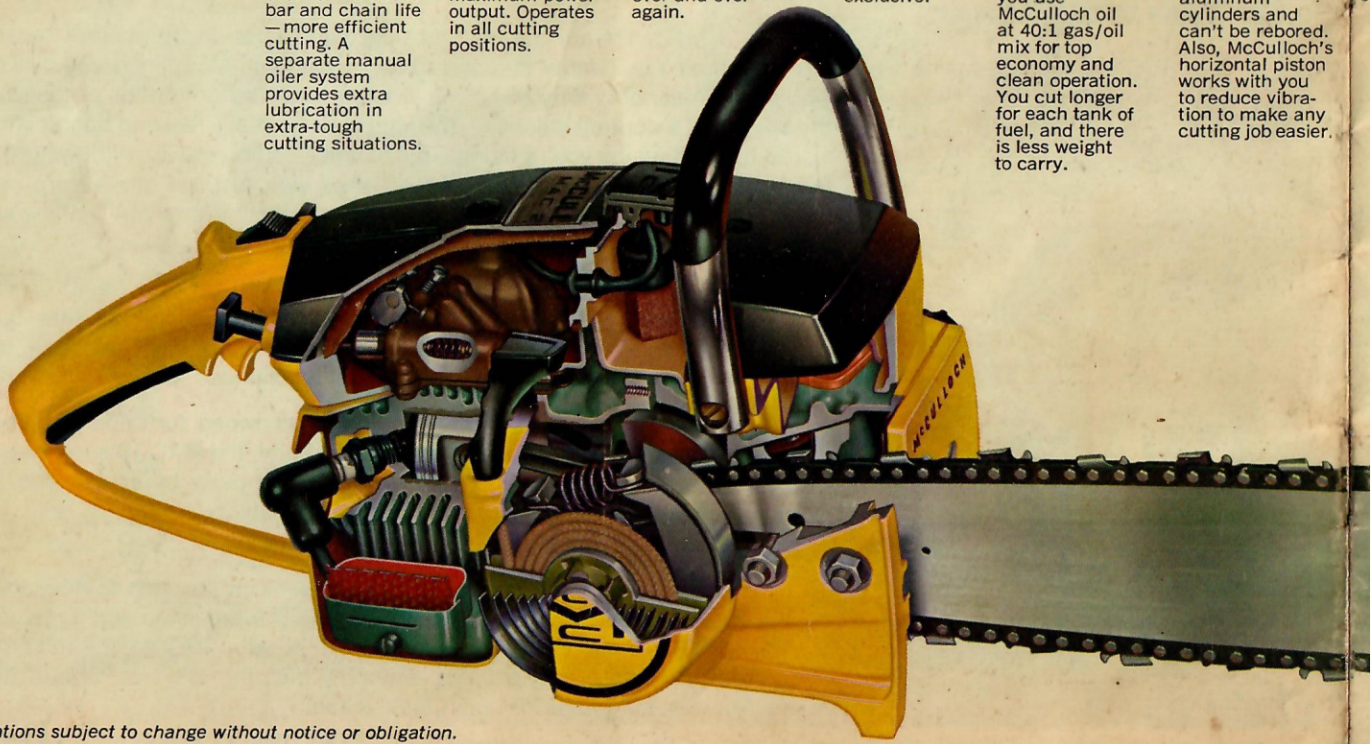
Idle Governor: Keeps the saw running in any position, prevents stalling, assures fast, safe starting without holding throttle open. A McCulloch exclusive.



Fuel Economy: Extra-efficient carburetor and engine design cuts fuel consumption by up to 12%. Precision engine tolerances let you use McCulloch oil at 40:1 gas/oil mix for top economy and clean operation. You cut longer for each tank of fuel, and there is less weight to carry.



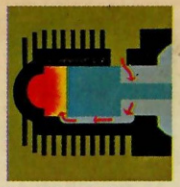
Cylinder: Reboreable cast-iron cylinder liner adds years to the life of the MAC-10's. Some other brands use a thin coating of chrome on aluminum cylinders and can't be rebored. Also, McCulloch's horizontal piston works with you to reduce vibration to make any cutting job easier.



All specifications subject to change without notice or obligation.



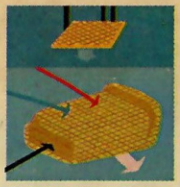
Ignition: Points and coil completely weather-proofed for operation in any kind of weather. Shock-proof slider type ignition switch for positive on/off operation.



Fuel Induction System: Third-port induction system eliminates reed and rotary valves that can fail and cause engine damage. System delivers maximum power per cubic inch displacement.



Bearings: Ball and needle roller bearings throughout to take the heaviest loads with minimum friction and wear. MAC-10's don't have bushings that can cause trouble later on.



Air Filter: Unlike some saws, McCulloch's air filter is oversize to do a complete job of keeping sawdust and dirt out of the engine. Requires less frequent cleanings than other smaller types.



Fuel Filter: If dirt or fuel impurities enter the gas tank, they are completely filtered out by fuel filters in both the gas tank and carburetor.



Air Cooled Coil: Specially designed vanes on the flywheel force cooling air over the high output ignition coil for full power at all running speeds.



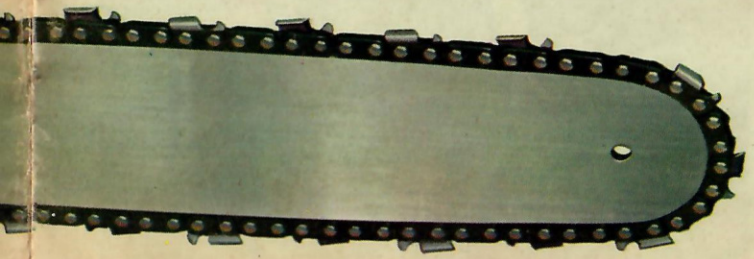
Oil Capacity: Oversize oil reservoir assures adequate supply of oil at all times. Eliminates need for refilling the oil tank before refueling. Some others run out of oil before gas, endangering chain, bar and sprocket.



Muffler: Cuts down the noise level for operator's comfort. On Model 2-10 a special spark arrestor in the muffler meets most safety requirements.

2-10 20" Blade with extra chain 225.95

16" Blade 219.95



And, an all new MAC-10 Series Cutting Team

Super-Mac Chain: Special processes and special steels make this the fastest, smoothest-cutting, toughest chain on any lightweight chain saw. Its high efficiency cutter design makes use of every ounce of power in the saw. It not only out-cuts other chains, it outlasts 'em.

MAC-10 Guide Bar: Light weight for fast, easy handling, especially in overhead cutting like pruning and limbing. Special steels are precision machined and a super-tough "hard facing" alloy is added to the bar rails at the tip area to give greatest wear life.

MAC-10 Rim Type Sprocket: Smooth, efficient rim-type design supports the chain to eliminate pounding and shock—actually prolongs chain life. Sawdust ejection holes keep the sprocket clean automatically. Tough, space-age alloys and superior design make it last twice as long as ordinary sprockets.

Pick the one that's right for you

MAC 1-10 10½ pounds*. World's lightest direct drive chain saw. Comes with bar, chain and sprocket especially designed for the MAC-10 Series. Just add fuel and oil and it's ready to tackle dozens of cutting jobs in the woods, on the farm or around home. Available with 12", 16", 20" and 24" bars and matching chain.

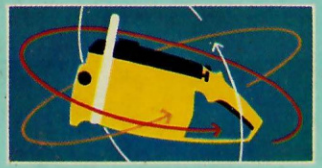


MAC 2-10 10¾ pounds*. Same equipment and options as MAC 1-10 plus: Automatic Oiling in addition to the manual chain oiling system—special spark arrestor and muffler combination that meets most safety requirements—plasticized hand grip for non-slip operation—rubber insert on pistol grip for operator comfort.



*Weight shown is engine only, dry, less bar and chain.

What makes McCulloch the most popular chain saw in the world?



Engineering Leadership

McCulloch is constantly working toward chain saw improvements: Lighter, more powerful saws that will require less maintenance... Safer chain saws... Faster cutting saws. The history of McCulloch chain saws has been a history of development and engineering advances.



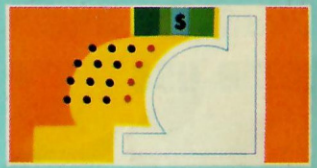
Testing

Before any new model McCulloch chain saw is released for sale, it's tested in every cutting situation, in every temperature extreme. McCulloch deliberately tries to break a new saw. When they say a saw is up to McCulloch quality, they know it is because they've studied the results of thousands of hours of operation for that model. And McCulloch chain saws are tested, run-in, and inspected before they leave the McCulloch factory.



Quality

A McCulloch chain saw is all McCulloch. Every part, every assembly is inspected and tested in one place. Starting with molten metal we cast engine parts; from there to the final paint job, we're doing a job we're proud of. That fact makes us awfully careful about how we put our saws together.



Price

McCulloch is always looking for ways to build better saws at lower prices. The McCulloch name on a chain saw means that it's the best value for its price that you can buy.

Now meet nine more McCullochs, the most complete line of chain saws for professional, farm, industrial and home use



Direct Drives

MAC 15 *A low-priced workhorse with McCulloch quality throughout.*

At only $124.95*, this is the finest chain saw value for general purpose work. On the farm, at home, in camp . . . it's a firewood producer, tree trimmer, and fence post cutter. It's light in weight, with a husky 4.9 cubic inch displacement powerplant. It's ready to go when you buy it with a 17″ guide bar, automatic rewind starter, and weatherproof ignition. And it's almost too good a saw for the price.

Phenolic reeds, integral head cylinder with reboreable liner, precision ball and needle bearings, two-shoe automatic clutch, high efficiency composition air filter, strong one-piece handle, large capacity gas tank.

* Manufacturer's suggested retail price.

Prices and specifications subject to change without notice or obligation.



250 *Hardest working hand on farms around the world.*

Got some land to clear, logs to buck, timbers to cut for construction? Turn a 250 loose on 'em. It's a lightweight direct drive with power to spare. Ready for use in any weather, any wood, any cutting position. And the 250 with 4.9 cubic inch engine with horizontal piston makes cutting easy on you. Best news of all, you can attach McCulloch's Brushcutter, Weedcutter or Earth Drill accessories and have portable power for a variety of uses.

Powerful loop-scavenged full-ported engine with precision ball and needle bearings, integral head cylinder with reboreable liner, large flocked-screen air cleaner, two-shoe safety automatic clutch, high clutch engagement speed, fully enclosed carburetor, weatherproofed ignition, fingertip controls.



300 *Nothing beats it for felling and bucking.*

Want a chain saw that'll pay for itself in record time? The 300 is it. It's built to work all day long clearing land or turning a tree farm crop into cash. Big 5.3 cubic inch displacement engine has the kind of power you'd never expect in a compact package like this. Like all McCullochs the 300 has all the features of the big timber saws, tested and proven around the world for dependability, long life, and easy-on-the-operator cutting.

Integral head cylinder with combination of third port and reed induction and reboreable liner, needle bearing clutch drum, precision ball and needle bearings, deep cylinder cooling fins, flush-cut handlebar with plasticized grip, rubber cushioned frame, spark arrestor and muffler, all-position cutting. Takes Brushcutter, Weedcutter and Earth Drill attachments.



450 *The ideal saw for big jobs—where power is a must.*

450 is a pro, built to work all day, every day, week after week. In pulpwood cutting, medium size timbering and industrial use it's unbeatable. It'll take a bar up to 31″ long, oils its own chain automatically, has fingertip priming for first-time starts. An automatic idle governor keeps the 450 running at a constant idle speed in any position and makes for fast, safe starting. The cylinder is reboreable, a feature of all McCulloch saws, so its working life is counted by years, not months.

Extra powerful 5.5 cubic inch engine, manual plus automatic chain oiling, precision ball and needle bearings, rubber pistol grip, needle bearing clutch drum, full wrap around handlebar with non-slip grip, McCulloch power-boost carburetor, automatic, high clutch engagement speed, spark arrestor and muffler, cuts in all positions. Takes Brushcutter, Weedcutter or Earth Drill attachments. Flush-cut handle available.

Direct Drives



790 *The extra power direct drive saw for big timber.*

The 790's big 6.3 cubic inch displacement engine makes it the most powerful direct drive saw in the McCulloch line. And its horizontal piston lets the 790 work with the operator, not against him. Fully automatic chain oiling with an additional manual system for extra lubrication and fast-start primer, makes the 790 the one to count on for the tough jobs.

Integral head cylinder with reboreable cast iron liner, McCulloch power-boost carburetor, idle governor, insulated fuel tank, high clutch engagement speed, precision ball and needle bearings, extra strong con rod and crankshaft, long life high compression rings, shock-mounted handle frame with non-slip grip, spark arrestor and muffler.





MAC 35A

Geared Power for all around cutting efficiency.

A tough, thrifty lightweight with plenty of lugging power. The smooth, steady power of its 3.3 cubic inch engine drives a 4.22:1 transmission. With Plunge Bow it's a champ in pulpwood country. With a straight bar, it's at home on construction jobs, clearing land, cutting firewood, and is ideal for rental yards.

Fingertip primer, reboreable cylinder, precision ball and needle bearings, completely enclosed carburetor, automatic rewind starter, weatherproofed ignition, flush cut design. Takes Brushcutter and All-Purpose Drill attachments.

650

The top producer in pulpwood country.

Balance and lightweight—with no sacrifice in real cutting power—are the reasons for the 650's great acceptance. With the Plunge Bow it's the perfect pulpwood chain saw. With straight bars up to 33″ in length, it's at home in hardwood areas. Big 5.3 cubic inch displacement engine provides unequalled lugging power. Automatic chain oiling with a separate manual system makes the 650 a lot of saw with a lot of features.

Lightweight design with integral head cylinder and reboreable liner, cast-iron rings, new long-wearing, lined, air-cooled clutch, extra strong crankshaft, precision ball and needle bearings. McCulloch power-boost carburetor with primer and idle governor, spark arrestor and muffler.

Gear Drives





890 *Choice of the pros in the big timber areas.*

6.3 cubic inch displacement engine and choice of dependable 2:1 or 3:1 gearbox lets the 890 take bars of 44" with cutting ease. Tremendous lugging power for felling and bucking any size timber standing makes this one the "no-nonsense" money maker for professionals. Automatic and manual chain saw oiling helps save wear and tear on operator and saw. Fingertip primer and idle governor for fast starts in any weather.

Integral head cylinder with reboreable cast-iron liner, precision bearings, extra strong con rod and crankshaft, high compression rings, oversized air filter, rubber pistol grip, shock-mounted frame with non-slip grip, spark arrestor and muffler.

940 *The "heavy-duty" top of the McCulloch line.*

You'll see the 940 used as both a one or two man saw. It's got the most felling and bucking "muscle" in any saw in any logging operation. There's a full 65 minutes of cutting time in every tankful of fuel. With its swivel transmission, the bar can be quickly turned to any position. And it takes bars up to five feet if you're tackling really big timber. The 940 is also portable power for digging, with 6", 9" or 12" earth augers, and the McCulloch Earth Drill attachment. It's got all the easy operation features found throughout the McCulloch line of chain saws. If the 940 or one of the other rugged, dependable McCullochs won't do the job you've got in mind it's not a job for a chain saw.

Integral head cylinder with reboreable cast-iron liner, precision ball and needle bearings, fingertip controls, high clutch engagement speed, large flocked-screen air cleaner.

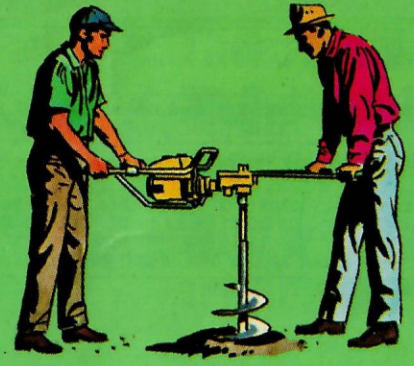
Gear Drives

Save time/save money. Let McCulloch power accessories do the job for you.

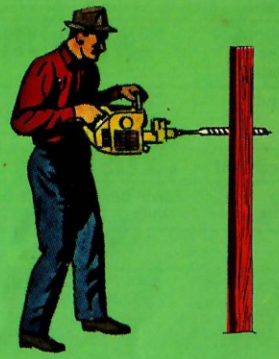
You can use the power units of many McCulloch chain saw models with "bolt-on" McCulloch attachments to do a variety of jobs.



Clean up brush and weeds with McCulloch's Brushcutter or Weedcutter. Flush cut saplings and heavy brush, clear land quickly and cleanly. Carrying harness makes operation safe and easy on the operator. Available as complete units or as attachments for Models 250, 300, & 450; MAC-35A takes Brushcutter only.



Speed planting, setting signs and fenceposts, and soil testing with McCulloch Portable Earth Drills. Portable drilling power wherever you have to go. Drills work at all angles, stop spinning at engine idle speeds for safety. Available as complete unit or attachments on Models 250, 300, 450 (6″ & 9″ augers). Heavy duty version available for 940 (6″, 9″ & 12″ augers).



Take the work out of drilling with McCulloch's All-Purpose Drill. For construction, tree tapping, rock drilling, stump blasting or any drilling job, the All-Purpose Drill attaches quickly to the MAC-35A power unit, and takes a full range of drill sizes: 1½″ Ship's auger, 2¼″ replaceable bit auger, 2″ wood auger. Jacobs chuck available for all other types of drills using shanks up to ¾″.

McCulloch Mechanical Specifications

Model	MAC 1-10	MAC 2-10	MAC 15	250	300	450	790	MAC 35A	650	890	940
Type of Drive and Gear Ratio	direct	direct	direct	direct	direct	direct	direct	gear 4.22:1	gear 2:1 or 2.9:1	gear 2:1 or 3:1	gear 4.22:1
Dry Weight, Less Bar and Chain	10½ lbs.	10¾ lbs.	19½ lbs.	19½ lbs.	19¾ lbs.	21 lbs.	23½ lbs.	20¼ lbs.	22½ lbs.	27½ lbs.	35¾ lbs.
Bore and Stroke	1.750″ x 1.375″	1.750″ x 1.375″	2.125″ x 1.375″	2.125″ x 1.375″	2.125″ x 1.500″	2.165″ x 1.500″	2.217″ x 1.635″	1.753″ x 1.375″	2.125″ x 1.500″	2.217″ x 1.635″	2.217″ x 1.635″
Piston Displacement	3.3 cu. in.	3.3 cu. in.	4.9 cu. in.	4.9 cu. in.	5.3 cu. in.	5.5 cu. in.	6.3 cu. in.	3.3 cu. in.	5.3 cu. in.	6.3 cu. in.	6.3 cu. in.
Cutting Capacity	takes bars up to 24″	takes bars up to 24″	takes bars up to 24″	takes bars up to 24″	takes bars up to 31″	takes bars up to 31″	takes bars up to 31″	takes bars up to 33″	takes bars up to 33″	takes bars up to 44″	takes bars up to 61″

Ask about special McCulloch guide bars for every cutting need

McCulloch Convenience Features

Chain Oiling	manual	automatic & manual	manual	manual	manual	automatic & manual	automatic & manual	manual	automatic & manual	automatic & manual	manual
Instant Start Primer	yes	yes	—	—	—	yes	yes	yes	yes	yes	—
Idle Governor	yes	yes	—	—	—	yes	yes	—	yes	yes	—
Reboreable Cylinder	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
40:1 Fuel Mix	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Weather Proofed Ignition	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Accessories	—	—	—	brush-cutter, weed-cutter, earth drill	brush-cutter, weed-cutter, earth drill	brush-cutter, weed-cutter, earth drill	—	brush-cutter, all-purpose drill	—	—	earth drill

Model availability and specifications subject to change without notice or obligation.

There's a dependable McCulloch Dealer near you, wherever you are.

With a fully equipped service department:

McCulloch has the largest and finest distributor and dealer organization in the world. Your McCulloch Dealer is trained to serve you with chain saw "know-how" whether you're buying a new saw or require service and repairs on your present saw.

Most McCulloch Dealers can arrange for a time payment plan by using the McCulloch approved Credit Plan (or a plan of his own), with terms to fit your budget. Low down payments make it easy to own a new McCulloch, and McCulloch chain saws have a habit of paying for themselves wherever and however they're used.





Meet the new McCullochs...the lightest, easiest operating, smoothest cutting chain saws in the world.

McCULLOCH

DEPENDABLE CHAIN SAWS

LEADERSHIP THROUGH CREATIVE ENGINEERING

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