McCULLOCH

world leader in chain saw sales
and professional chain saw features



MAC 35A

GEAR DRIVE

- ★ High-speed gear-drive cutting. 4.22 to 1 gear ratio gives plenty of lugging power.
- ★ Weighs only 20 pounds.
- ★ Starts fast — goes into action fast — when you want it to. Points and coil are weather-proofed to assure fast starting in winter and summer.
- ★ Torture-tests prove dependability.
- ★ Cuts flush with the ground.
- ★ Thrifty to buy, thrifty to operate — a real chain saw bargain.
- ★ McCulloch Super-Mac or SL Chain — the smoothest cutting, longest lasting chain on the market.
- ★ Diaphragm carburetor enables you to cut in any position, even when saw is upside down.
- ★ Takes bars up to 33″, Plunge Bow, Paddle Bow, All Purpose Drill and Brushcutter attachments.

★ See Your McCulloch Dealer for a MAC 35A Demonstration.

ADV. 701/64

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"SPECIFICATIONS—MODEL MAC 35A"

Weight of unit less Bar & Chain (lbs., dry)	20
Dimension (overall outside frame measurement)	Height 12″ Length 18″ Width 8″
Guide Bar Cutting Capacity	16, 18, 20, 26, 33″. Plunge Bow, Paddle Bow, Speed Tip Bars.
Type Saw Chain	McCulloch Super-Mac or SL
Type of Engine	Single cylinder, two cycle air-cooled, crankcase scavenged.
Type of Cylinder	Die cast aluminum alloy with precision honed CAST IRON LINER. (oversize pistons available)
Bore (inches)	1.753
Stroke (inches)	1.375
Displacement (cu. in.)	3.3
Compression Ratio	7.2:1
Direction of Rotation Facing Flywheel	Clockwise.
Flywheel	High pressure aluminum alloy die casting with integral magneto magnets, steel hub and reinforcing plate.
Crankcase Material	High pressure die casting of magnesium alloy for high strength to weight ratio.
Crankshaft Material	Drop forged, SAE 1050 steel, induction hardened and ground.
Connecting Rod Material	Drop forged, SAE 8612 steel, hardened, ground, manufactured by special process to insure perfect fit with no distortion to rod or cap.
Connecting Rod Length Center to Center (in.)	2.51
Connecting Rod Crankpin Bearings	22 needle rollers.
Connecting Rod Wrist Pin Bearings	Automotive type bronze bushing.
Main Bearings	2 Ball Bearings.
Piston	Permanent Mold Aluminum.
Number and Type Piston Rings	2 compression rings assuring quick sealing, low friction and long life.
Ignition	Specially designed McCulloch water-proof high tension magneto.
Coil Location	Outside flywheel (Fan Cooled).
Coil to Flywheel Clearance (inches)	.008—.012
Ignition Timing B.T.C.	28° Static.
Location of Breaker Points and Condenser	Outside of engine.
Breaker Point Gap (inches)	.017—.019
Spark Plug Type	Champion J-8-J
Spark Plug Gap (inches)	.025
Throttle Type	Gate
Carburetor Type	Special McCulloch diaphragm type enabling engine to operate efficiently in all cutting positions. Fully enclosed in filtered air chamber.
Fuel Filter	Felt wick type: Insures clean, waterfree fuel delivery.
Fuel Tank Venting	Solid cap: Self venting system.
Air Filter Type	Extra capacity, flat flock screen.
Type Fuel Recommended	Automotive Regular Grade.
Fuel-Oil Mixture with McCulloch Oil	20:1
Fuel Tank Capacity (quarts)	1.0
Type Fuel Pump	Diaphragm
Type Intake Valve	Tuned Reed
Type Cylinder Scavenging	Loop
Clutch Engaging Speed R.P.M.	2,600
Gear Ratio	4.22:1
Gear Case Lubricant and Capacity	SAE 140 — .18 pints.
Sawdust Guard	Fixed Screen.
Starter	Automatic rewind with nylon rope.
Clutch	Automatic four-metal shoe, centrifugally operated.
Chain Oiler	Manual.
Chain Oiler Reservoir Capacity (qts.)	.26
Muffler	Spark-arrester.
Handle Frame	Flush cut handle (full wrap around handle available).

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.