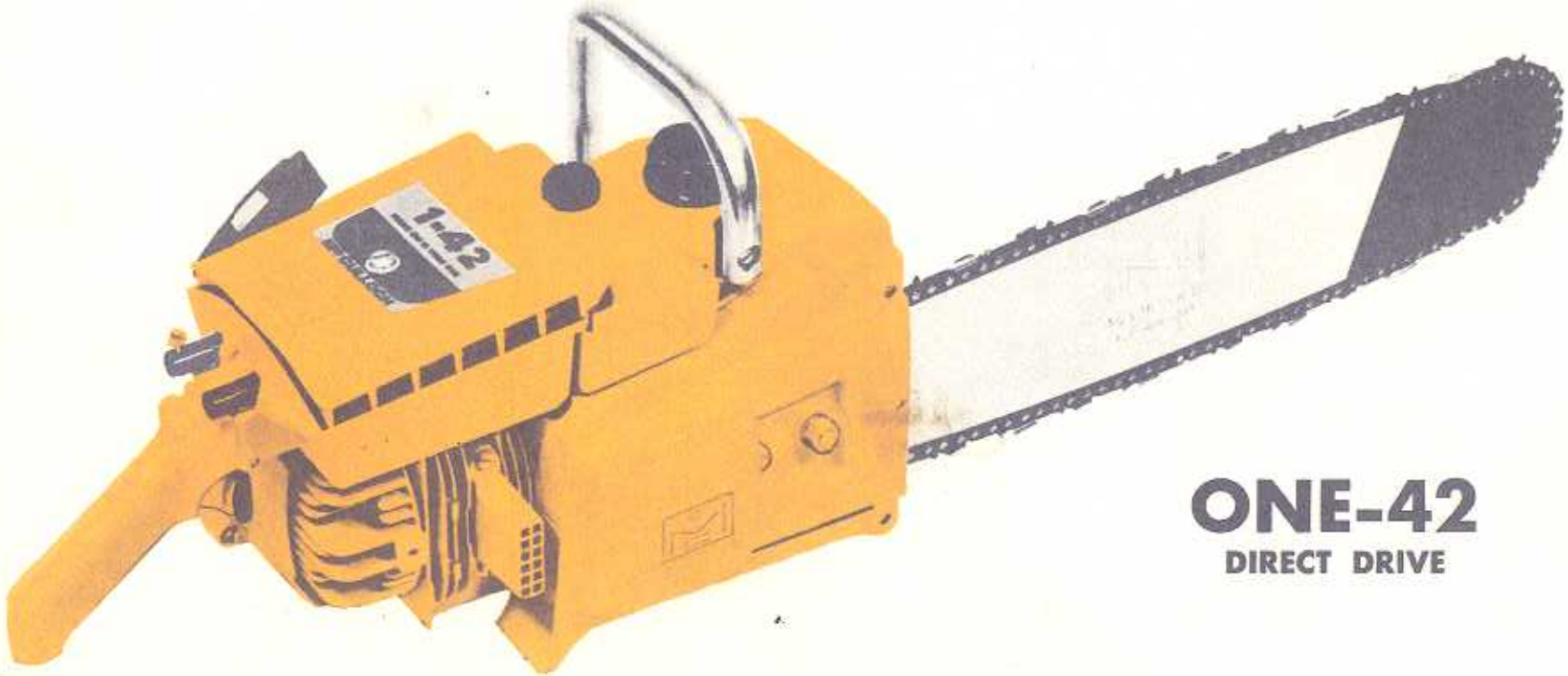
McCULLOCH

WORLD LEADER IN CHAIN SAW SALES AND PROFESSIONAL CHAIN SAW FEATURES



ONE-42

DIRECT DRIVE

- ★ Rugged and Compact — light in weight.
- ★ Powerful direct-drive cutting.
- ★ Dependability proved by Torture Testing.
- ★ Fastest starts in any weather.
- ★ Weighs only 18.5 lbs.

See Your McCulloch Dealer for a One/42 Demonstration.

- ★ Cuts stumps within 1 ½" of ground.
- ★ Equipped with McCulloch Super Pintail® or SL® Chain — smoothest, longest lasting chain on the market.
- ★ Convenient finger-tip controls — pistol-grip chain oiler, choke, throttle and ignition switch.
- ★ Takes bar sizes up to 24", also 24" Speed-tip Bar, Brushcutter, Weedcutter, Roto-Bit Pruner, Earth Drill and Paddle Bow attachments.

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"SPECIFICATIONS—MODEL ONE/42"

Weight of unit less Bar & Chain (lbs., dry)	18½
Dimension (overall outside frame measurement)	Height 11" Length 17" Width 11½"
Cutting Capacity	12", 15", 18", 24" & 15" Paddle Bow 18" & 24" Speed Tip Bar
Type Saw Chain	McCulloch Super Pintail® 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. (oversized pistons available)
Bore (inches)	2.125
Stroke (inches)	1.375
Displacement (cu. in.)	4.9
Compression Ratio	6:1
Direction of Rotation Facing Flywheel	Counter Clockwise
Flywheel	High pressure aluminum alloy die casting with integral magneto magnets, steel hub and reinforcing plate.
Crankcase Material	High pressure die casting of aluminum, cast integrally with cylinder.
Crankshaft Material	Drop forged, SAE 1050 steel, induction hardened and ground.
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.
Connecting Rod Length Center to Center (in.)	2.51
Connecting Rod Crankpin Bearings	24 needle rollers.
Wrist Pin Bearings	Automotive type bronze bushing.
Main Bearings	Ball and needle.
Piston	High Pressure Aluminum Die Cast.
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 Procedure	Set point gap with .018 wire.
Ignition Timing B.T.C.	25° Static.
Location of Breaker Points and Condenser	Under Flywheel.
Breaker Point Gap (inches)	.018
Spark Plug Type	Champion J-8-J.
Spark Plug Gap (inches)	.025
Throttle Type	Butterfly.
Carburetor Type	Special diaphragm type enabling engine to operate efficiently in all cutting positions. Fully enclosed in filtered air chamber.
Fuel Filter	Felt in pick-up line, insures clean, waterfree fuel delivery.
Fuel Tank Venting	Solid cap: Self venting system.
Air Filter Type	Extra capacity, flat flock screen with rubber edge.
Type Fuel Recommended	Automotive Regular Grade.
Fuel-Oil Mixture with McCulloch Oil	20:1
Fuel Tank Capacity (quarts)	1.4
Type Fuel Pump	Diaphragm.
Type Intake Valve	Tuned reed.
Type Cylinder Scavenging	Loop.
Clutch Engaging Speed R.P.M.	2,600
Gear Ratio	Direct Drive
Gear Case Lubricant and Capacity	None.
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.)	.35
Muffler	Stack Type.
Handle Frame	Flush cut handle, ⅞" diameter. (Full wrap around handle available.)

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.