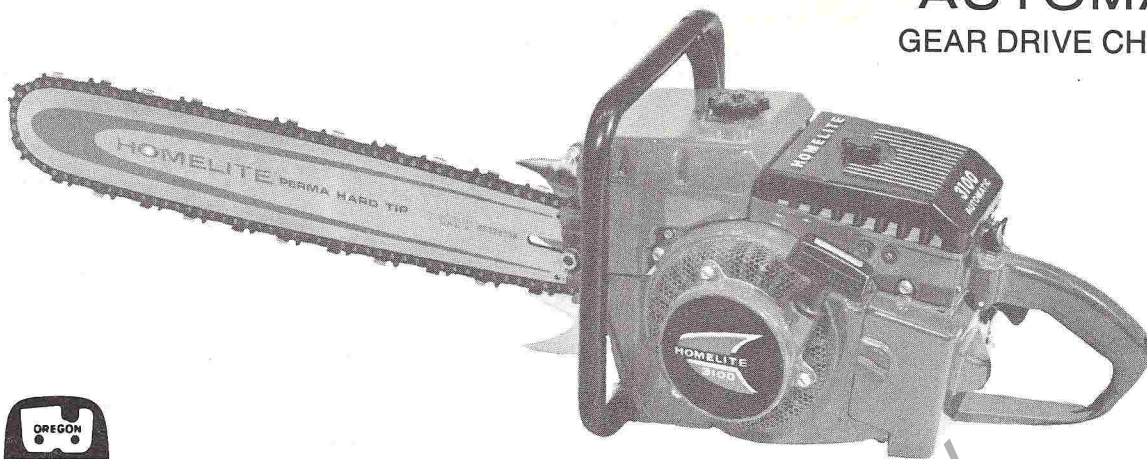


HOMELITE®

3100 G

AUTOMATIC
GEAR DRIVE CHAIN SAW



SPECIFICATIONS

ENGINE

- TYPE:** ● HOMELITE single cylinder, light alloy, air cooled, loop scavenged, two stroke cycle with Power Boost™ combustion chamber.
- WEIGHT** ● 27½ pounds less bar and chain.
- DISPLACEMENT** ● 7.0 cubic inches (114,7 cm³)
- CYLINDER BORE** ● 2.25 inches (57,15 mm)
- STROKE** ● 1.75 inches (44,45 mm)
- COMPRESSION RATIO** ● 8:1
- BEARINGS** ● Heavy duty ball and needle type throughout.
- CONNECTING ROD** ● Top guided with heavy duty rollers of M50 steel.
- SPEED** ● 7,500 RPM at maximum horsepower.

CARBURETION AND FUEL

- TYPE** ● Tillotson, high speed limiting, all position carburetor with integral fuel pump and strainer, external adjustments.
- DUAL ACTION INTAKE VALVES** ● Six pyramid stainless steel reeds.
- FUEL FILTER** ● Felt pick-up in fuel tank, wire mesh strainer in carburetor.
- AIR FILTER** ● Polyester fiber with integral molded gaskets protected by high pressure die cast cover, may be easily cleaned for long life.
- FUEL CAPACITY** ● 49 U.S. fluid ounces (1,45 L)
- FUEL-OIL MIXTURE** ● One gallon of regular fuel mixed with ½ pint Homelite 2 cycle engine oil or SAE 30 weight non-detergent lubricating oil, 16:1 ratio.
- THROTTLE CONTROL** ● Trigger in handle with throttle latch for easier starting.

MUFFLER

- MUFFLER** ● Extra large for low tone, mounted to cylinder with four heavy-duty studs. Spark arrestor screen meets PSMA & USFS specifications.

CLUTCH

- TYPE** ● Automatic centrifugal.
- ENGAGEMENT SPEED** ● 3,500 rpm

IGNITION

- MAGNETO:** ● Extra high tension, moisture and dust proof.
- TIMING** ● 25° BTDC static.
- BREAKER POINT** ● .015 inches (0,35-0,40mm) Protected in sealed box under flywheel rotor.
- COIL** ● Special, epoxy sealed with adjustable air gap. Located in cooling air stream. Extra high voltage output.
- SPARK PLUG** ● (a) Type: Champion. Heat range; CJ-6 or lower.
(b) Gap: .025 inch (0,60-0,65 mm)

STARTER

- STARTER** ● HOMELITE automatic rewind with high tensile nylon cord, dirt and moisture proof. Compression release for Easy-Pull starting, throttle latch for starting speed control.

CHAIN

- TYPE** ● OREGON 10AC ½" pitch micro-bit. .063" Gauge.
- SPROCKET** ● HOMELITE 8 tooth ½" pitch.
- SPEED** ● 3:1 RATIO — 1450 FPM @ 6500 RPM
2:1 RATIO — 2150 FPM @ 6500 RPM (OPTIONAL)

CHAIN OILER

- PUMPS** ● Fully automatic gear driven positive displacement. Manual pump operated by control near pistol grip also provided.

- CAPACITY** ● 10 U.S. Fluid Ounces.

BUMPER SPIKE

- SPIKES** ● 2 hardened alloy steel bumper spikes provided — for choice of tooth length.

HANDLE BAR

- HANDLE BAR** ● Full wrap around heat treated, aluminum alloy with complete vinyl coating.

GUIDE BAR

- GUIDE BAR** ● HOMELITE specially hardened and tempered high alloy steel with gas welded stellite tip for long life. .063" gauge groove.
- BAR LENGTHS** ● 19 to 60 inches, utility and clearing bars, available.

HOMELITE®

A **Textron**
DIVISION

PORT CHESTER, N.Y. U.S.A.