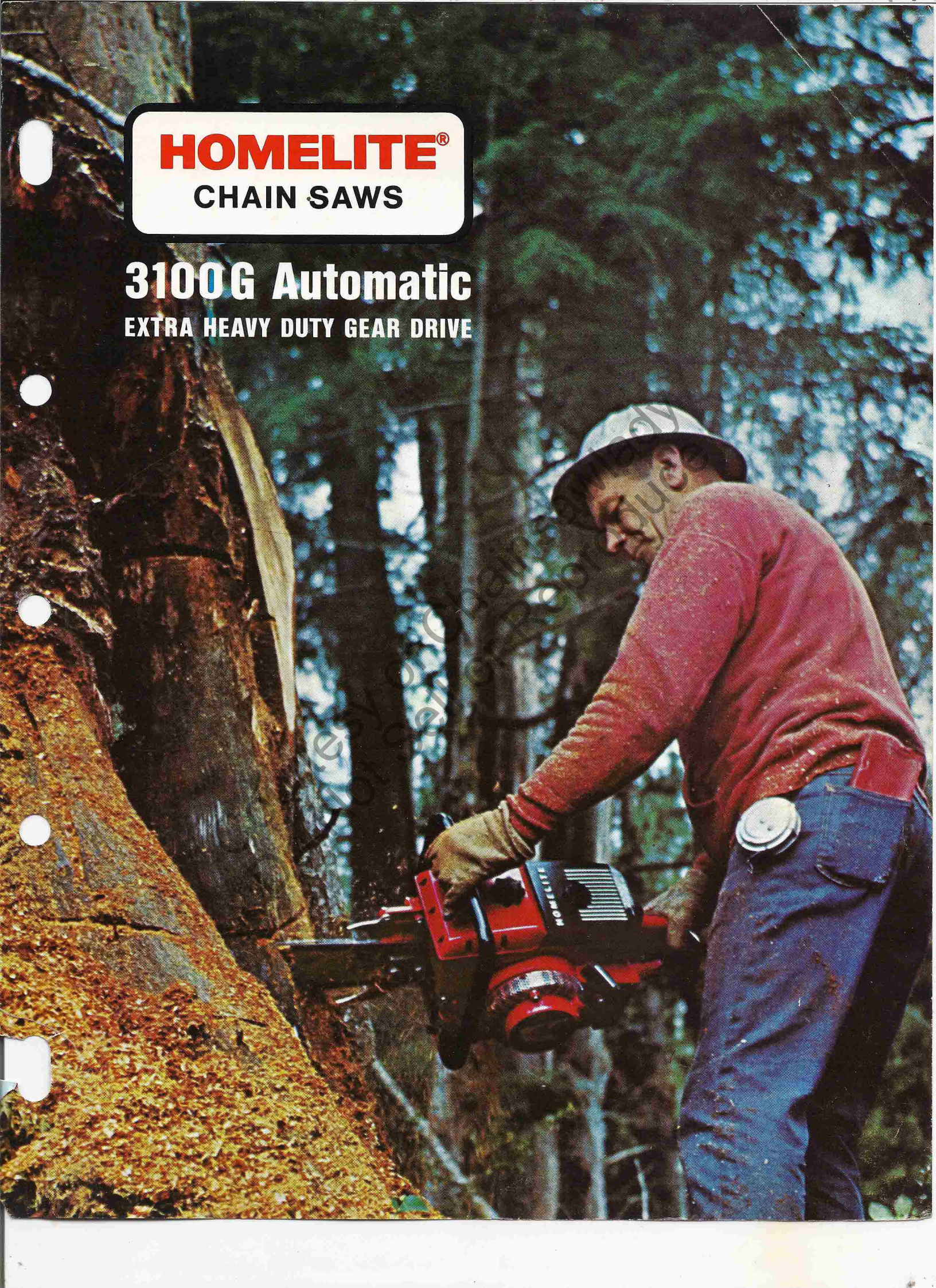


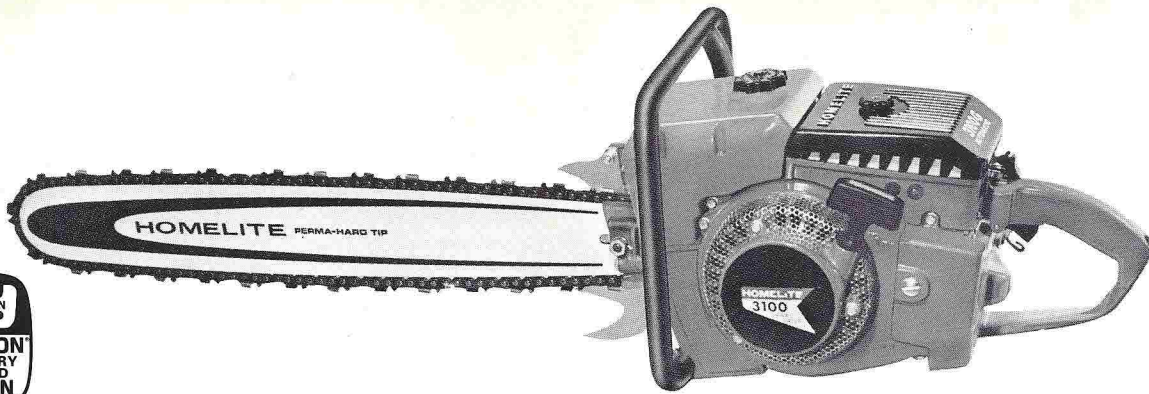
HOMELITE[®]

CHAIN SAWS

3100G Automatic

EXTRA HEAVY DUTY GEAR DRIVE





ENGINE

Type	HOMELITE single cylinder, light alloy, air cooled loop scavenged, two cycle with Power Boost* combustion.
Dry Weight	27½ lbs. less bar and chain.
Displacement	7.0 cu. in.
Bore	2.25 in.
Stroke	1.75 in.
Compression Ratio	8.1 : 1.
Speed	7500 rpm at maximum horsepower.
Bearings	Heavy duty ball and needle type throughout.
Connecting Rod	Top guided for better lubrication with heavy duty rollers of M50 steel.
Starter	HOMELITE automatic rewind with high tensile nylon cord, dirt and moisture proof. Compression release for quick starting, throttle latch for starting speed control.
Clutch	Six shoe, automatic centrifugal, 3000 rpm engagement.
Muffler	Extra large volume, low tone, mounted to cylinder with four heavy duty studs. Spark arrestor screen meets PSMA & USFS specifications.

IGNITION

Magneto	25,000 volt peak output. Improves starting. Moisture and dust proof.
Timing	25° BTDC static.
Breaker Point	.015 in. Sealed in box under flywheel rotor.
Coil	Extra high voltage output, epoxy sealed Adjustable air gap. Located in cooling air stream.
Spark Plug	Champion CJ-6 .025 in. gap.

CARBURETION AND FUEL

Carburetor Type	Diaphragm type, delivers full power in all positions at all speeds, with integral fuel pump and strainer, external adjustments.
Intake Valve	Six stainless steel reeds. Independent idle intake system.
Air Filter	Polyester fiber with integral molded gaskets protected by high pressure die cast cover, easily cleaned for longer life.
Fuel Capacity	49 oz.
Fuel Pickup and Filter	Replaceable felt pick-up in fuel tank, wire mesh strainer in carburetor for added protection.
Fuel Oil Mixture	16 : 1 Mix ½ pint HOMELITE 2 cycle engine oil (SAE 30 non detergent) per gallon of regular gas.
Throttle Control	Trigger in pistol grip with throttle latch for quicker starts.

GUIDE BAR AND CHAIN

Guide Bars	Selectively hardened and tempered high quality steel with gas welded long life cobalt alloy tip. .063 in. gauge groove, sizes 19 in. to 60 in.
Chain	Oregon 10AC ½ in. pitch micro-bit, .063 in. gauge.
Chain Speed	3 : 1 ratio - 1450 fpm @ 6500 rpm (standard) 2 : 1 ratio - 2150 fpm @ 6500 rpm (optional)
Sprocket	HOMELITE 8 tooth ½ in. pitch.
Chain Oiling Systems	Positive sprocket shaft driven automatic pump plus separate manual system. Less wasted oil.
Chain Oil Capacity	10 oz. reservoir.

GENERAL

Handle Bars	Full wrap around heat treated aluminum alloy with complete vinyl coating.
Accessories	Bar lengths 19 in. to 60 in. plus utility and clearing bars available.
Bumper Spike	Two hardened alloy steel bumper spikes provided for choice of tooth length.

Specifications subject to change without notice.

3100G CHAIN SAW SPECS

HOMELITE®

*TM of HOMELITE, a Division of Textron Inc.

PORT CHESTER, NEW YORK, U.S.A.

POWER BOOST* COMBUSTION:

HOMELITE'S exclusive "HEMI-HEAD" combustion chamber concentrates the fuel-air mixture for more complete combustion, greater thermal efficiency, increased power and cooler running.

new HOMELITE features

- New precision ground cylinder with triple exhaust ports provides twin support bridges for reduced high speed wear and extended engine life.
- "HEMI-HEAD" combustion chamber and special piston with wide space twin rings provide sustained peak power.
- New top guided connecting rod for improved crankpin lubrication.
- Independent idle fuel system for greater idle stability.
- New improved magneto provides hotter spark, quicker starting.
- Increased cooling air flow for cooler running.
- Finger tip compression release for quicker starts.
- "Beefed up" transmission case with optional gear ratios.

Dealer