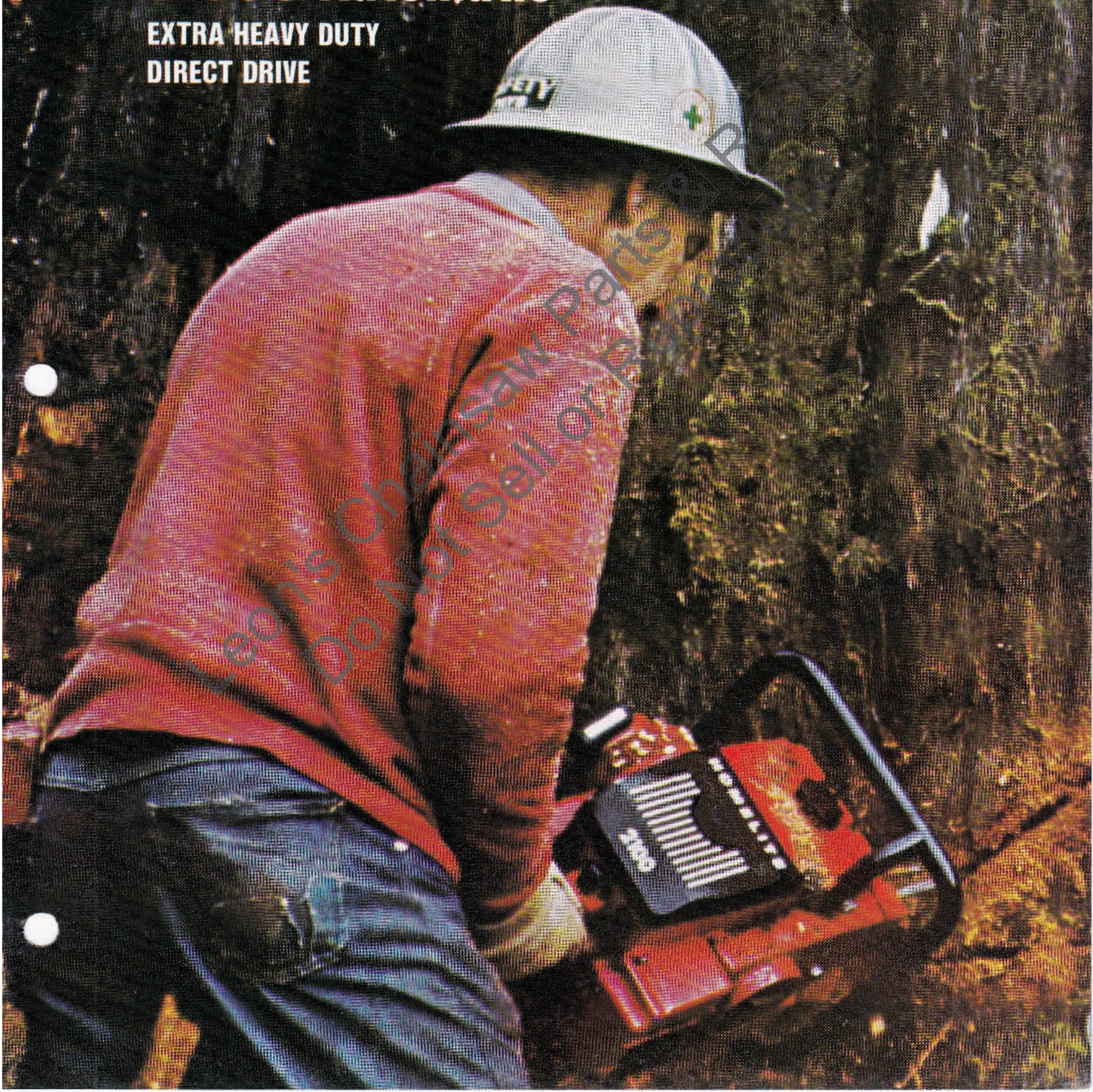
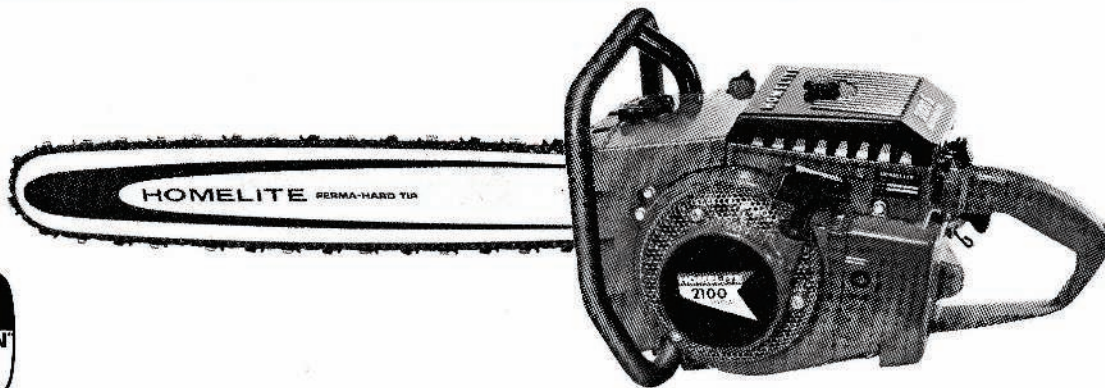


**HOMELITE®**  
**CHAIN SAWS**

## **2100S Automatic**

**EXTRA HEAVY DUTY  
DIRECT DRIVE**





## ENGINE

Type	HOMELITE single cylinder, light alloy, air cooled loop scavenged, two cycle with Power Boost* combustion.
Dry Weight	23½ 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	Main heavy duty ball.
Connecting Rod	Top guided for better lubrication, 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	Automatic centrifugal, six shoe heavy duty design, 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 UCJ-4G .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 17 in. to 42 in.
Chain	Oregon 59AC, .404 pitch micro bit, .063 in. gauge.
Chain Speed	3500 ft. per minute @ 6500 rpm.
Sprocket	Splined rim type, eight tooth, .404 pitch. Hardened tool steel.
Chain Oiling Systems	Positive crankshaft driven automatic pump plus separate manual pump.
Chain Oil Capacity	8 oz. reservoir.

## GENERAL

Handle Bars	Vinyl coated aluminum alloy wrap around or optional flush cut type available.
Accessories	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.

## 2100S 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

- "HEMI-HEAD" combustion chamber and special piston with wide space twin rings provide sustained peak power.
- New precision ground cylinder with triple exhaust ports provides twin support bridges for reduced high speed wear and extended engine life.
- New top guided connecting rod for improved crankpin lubrication.
- New splined drive clutch for easy removal on the job.

Dealer