

# HOMELITE®

550 PROFESSIONAL CHAIN SAW





# The Homelite 550 professional chain saw

One of the finest all-around professional saws we've ever designed, the 550 has the versatility to handle practically all timber and pulpwood production-cutting jobs. Its dependability and durability make it a real workhorse. And

it's engineered with you in mind. You get not only a fine power-to-weight ratio and excellent balance, but also vibration isolation, a quiet dual-chamber muffler and many other practical and performance features.

## SPECIFICATIONS:

### ENGINE

**TYPE:** Homelite® 2-cycle, single cylinder, air cooled, loop scavenged, made of light alloys. Hemi-head cylinder and full flow ram intake porting give greater efficiency and more power. Precision, chrome-plated cylinder and steel rings for longer life.

**DISPLACEMENT:** 5.1 cu. in. (84 cc)

**BORE:** 2.0 in. (50.8 mm)

**STROKE:** 1.625 in. (41.3 mm)

**BEARINGS:** Heavy duty roller and needle throughout.

**STARTING:** Homelite automatic rewind starter. Simple to service. Starting speed throttle latch.

**CLUTCH:** High torque, lined, three shoe, centrifugal automatic.

**MUFFLER:** Softone™ large dual-chamber. Simple to clean. Optional spark arrestor screen meets state and USFS standards. (Spark arrestor standard on 550 W.)

### IGNITION

**MAGNETO:** Special Homelite high voltage capacitor discharge. Weatherized components. Simple to service.

**TIMING:** Never needs adjustment.

**COIL:** Special epoxy-impregnated windings with extra high voltage output. Simple to replace.

**SPARK PLUG:** Champion DJ-6, .025 in. gap.

### CARBURETION AND FUEL

**CARBURETOR:** Diaphragm type, delivers full power in all positions at all speeds. Integral fuel pump and strainer, external adjustments.

**INTAKE VALVE:** Piston ported design.

**AIR FILTER:** Polyester micro mesh, reusable.

**FUEL CAPACITY:** 31 oz. (.92L) New no-leak fuel cap with retainer.

**FUEL PICK-UP & FILTER:** Flexible pick-up, replaceable filter.

**FUEL-OIL MIXTURE:** Homelite 32:1 or 16:1, engine oil.

**THROTTLE CONTROL:** Trigger in rear handle. Adjustable starting speed.

### GUIDE BAR AND CHAIN

**GUIDE BARS:** Homelite .050 in. gauge. Gas welded Perma-Hard Tip: Sizes: 16, 20, 24, 30 inch. Sprocket nose available in 15, 19, 23, 27 inch. (31 and 36 inch sprocket nose bar in .063 gauge, .404 pitch also available). Clearing and utility bows available.

**CHAIN:** Homelite #38 series.

**CHAIN SPEED:** 3,430 ft. per minute at 8,000 rpm.

**SPROCKET:** Rim type, 7 tooth, 3/8" pitch. .063 in. gauge, .404 pitch sprocket available as optional equipment.

**CHAIN OILING SYSTEMS:** Fully automatic gear pump with auxiliary manual oiler.

**CHAIN OIL CAPACITY:** 17 oz. (.50L)

### GENERAL

**DRY WEIGHT:** 17.8 lb. (8.1 kg) w/o bar and chain.

**VIBRATION ISOLATION:** Homelite Tri-Axial with captive mount shock absorbers. Greatly reduces the effect of engine and cutting vibration to the operator, making the saw much more comfortable to use and causing less fatigue.

**HANDLEBARS:** Thick rubber-covered flush cut type.

Optional wrap-around handle.

**BUMPER SPIKE:** Single spike standard equipment. Double spike optional.

**NOTE:** Also available: Homelite 550SL, with chain brake.

Homelite 550W, with all-position wraparound handlebars and spark arrestor screen in muffler. 550W meets all state and USFS muffler regulations.

**CHAIN CATCHER:** Standard. Left hand guard standard on 550 and 550W.



## SERVICE

Every Homelite product is designed and built to stand up to the toughest performance standards. And we back up performance with a fast and efficient service program that centers on your Homelite dealer. He's an expert, and his skills are up-to-the-minute, thanks to Homelite's regular training courses. For backup, he can

call on a nearby factory service branch. And getting parts and accessories is no problem, no matter where you are, because Homelite has a fast distribution system that serves the whole country.

**HOMELITE TEXTRON**

Homelite Division of Textron Inc.