

# HOMELITE®

750 PROFESSIONAL CHAIN SAW





# The Homelite 750 professional chain saw

This is the big tough saw for the big tough jobs. Designed and built especially for high production cutting of tall timber, the 750 is the largest, strongest professional saw Homelite® has ever made. With its 6.8 cu. in. engine you get power to

spare, rugged performance and high cutting efficiency at any speed, in any position. And the 750 is human-engineered for a comfortable combination of light weight, low noise and low vibration.

## 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:** 6.8 cu. in. (112 cc)

**BORE:** 2.25 in. (57.1 mm)

**STROKE:** 1.720 in. (43.7 mm)

**BEARINGS:** Heavy duty ball bearings, roller and needle.

**STARTING:** Homelite automatic rewind starter. Unit equipped with decompression valve and automatic spark retard for easy starting. Simple to service. Starting speed throttle latch.

**CLUTCH:** Heavy-duty 3 shoe centrifugal with friction lining.

**MUFFLER:** Softone™ large chamber with spark arrestor screen which meets CSMA and USFS standards. Simple to clean.

### 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 CJ-3.

### 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, easily cleaned, reusable.

**FUEL CAPACITY:** 42 oz. (1.24 L) New no-leak fuel cap with retainer.

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

**FUEL-OIL MIXTURE:** 32:1 or 16:1, depending on oil.

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

### GUIDE BAR AND CHAIN

**GUIDE BARS:** Homelite .063 in. gauge. Gas welded Perma-Hard Tip: Sizes 19 in., 23 in., 29 in. Replaceable sprocket nose: Sizes 31 in., 36 in., 43 in.

**CHAIN:** Homelite #40 series.

**CHAIN SPEED:** 3,500 ft. per minute at 7,000 rpm.

**SPROCKET:** Rim type, 7 Tooth. 404" pitch.

**CHAIN OILING SYSTEMS:** Positive crankshaft-driven automatic pump with auxiliary manual oiler.

**CHAIN OIL CAPACITY:** 18 oz. (.53L)

### GENERAL

**DRY WEIGHT:** 23.1 lbs. (10.5 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-cover full wraparound type.

**BUMPER SPIKE:** Standard equipment. (2)

**NOTE:** Homelite 750E also available. Same as the 750, except it is equipped with a flush cut handle, throttle interlock and chain stopper.



## Accessories

Guide Bars

Saw Chain

Files

File Guide

Depth Gauge Jointer

Bar and Chain Oil

2-Cycle Engine Oil

Felling Wedges

Grease Gun

Gas Can and Nozzle

Spark Plugs

Chain Brake

Left Hand Guard

Right Hand Guard

## Service

Homelite chain saws, like all Homelite products, are designed and built for rugged day-in, day-out performance. And Homelite's parts and service program is designed to minimize downtime and costs.

When you need service, see your Homelite dealer. He's an expert who constantly updates his skills with Homelite training courses. If there are problems he can't handle, he can call on the nearby factory service branch. When you need parts or accessories, Homelite's efficient new warehousing system gets them to your dealer faster than ever before.

**HOMELITE TEXTRON**

Homelite Division of Textron Inc.