

# HOMELITE®

## 350 SL AUTOMATIC CHAIN SAW



(shown with optional right hand guard)

### 350 SL AUTOMATIC 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.

**Dry Weight:** 13.2 lbs. (6 kg.)

**Displacement:** 3.5 cu. in. (57 cc.)

**Bore:** 1.75 in. (144.4 mm.)

**Stroke:** 1.44 in. (36.5 mm.)

**Speed:** 8,000 rpm. at max. hp.

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

**Starting:** Homelite automatic rewind starter, simple to service. Starting speed throttle latch.

**Clutch:** One piece, centrifugal automatic.

**Muffler:** Softone large chamber. Simple to clean. Optional spark arrestor screen meets PSMA and USFS standards.

#### IGNITION

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

**Timing:** Never needs adjustment.

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

**Spark Plug:** Champion CJ-6, .025 in. gap.

**MODEL 350 AUTOMATIC available, same as shown, except without chain brake.**

#### CARBURETION AND FUEL

**Carburetor Type:** 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, molded gasket, re-usable. Nylon mesh screen available.

**Fuel Capacity:** 23.3 oz. (.6 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. New interlock prevents accidental acceleration of engine.

#### CHAIN AND GUIDE BAR

**Guide Bars:** Homelite .050 in. gauge. Gas welded Perma-Hard Tip. Sizes 12, 16, 20, 24 in. Power-Tip® sprocket nose. Sizes 16, 20 in. Clearing bow available.

**Chain:** Homelite #38 series.

**Chain Speed:** 3,430 ft. per minute at 8,000 rpm.

**Sprocket:** Star type, seven tooth,  $\frac{3}{8}$  in. pitch.

**Chain Oiling Systems:** Positive crankshaft driven automatic pump plus adjustable oil flow setting.

**Chain Oil Capacity:** 10.1 oz. (.3 L.)

#### GENERAL

**Handle Bars:** Thick rubber covered flush cut type.

**Bumper Spike:** Standard equipment.

#### 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 to the operator.

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