

HOMELITE CHAIN SAW

**STICK
SHIFT**



HOMELITE

A **Textron** DIVISION

PORT CHESTER, NEW YORK

770-GS SPECIFICATIONS

Handle Bar Type	Flush cut or wrap around
Weight Less Bar and Chain, Dry	26 lbs. 2 oz.
Bar Sizes	16, 19, 23, 28, 33, 38, 44, 50, 60" straight bars
Attachments	16" Bow, Clearing Guide, Brush Cutter
Chain Type	1/2" Pitch #10 Omark Chipper
Sprocket	7 tooth 1/2" pitch
Gear Ratio	Dual Ratio: - 2.84 to 1 & 1.4 to 1 (770-GS1) or - 3.57 to 1 & 1.4 to 1 (770-GS2)
Chain Speed under Load	1.4 Ratio = 2500 ft. /min. 2.84 Ratio = 1232 ft. /min. 3.57 Ratio = 981 ft. /min.
Chain Oiler Type and Capacity	Positive Manual, 6 oz. reservoir w/filter
Engine Type	Single cylinder, two cycle, loop scavenged
Bore	2 3/16
Stroke	1 35/64
Displacement	5.8 cubic inch
Compression Ratio	6.7:1
Ignition Timing	30° BTDC Static
Engine Speed	No load -- 7500 RPM Maximum Governed Under load -- 6000 RPM
Clutch Engaging Speed and Type	2600 RPM -- 6 shoes double spring centrifugal
Fuel Type and Mixture	Automotive Regular Grade 1/2 pint per gallon (16:1) Homelite 2 cycle oil
Fuel Tank Capacity	48 oz. with pressure sensitive replaceable automatic vent
Breaker Point Setting and Location	.015" -- protected in sealed box under the flywheel
Magneto	High tension -- water and dust proof with protected coil
Spark Plug Type and Gap	Champion HO-8-A Set .025"
Throttle Control	Trigger in handle with lock for starting ease
Governor	Air vane type calibrated to prevent over speeding when saw is out of the cut
Bearings	Needle and Ball Bearings Bronze Clutch Drum Bushing
Carburetor	Tillotson All Position Diaphragm with integral fuel pump and fuel strainer
Fuel Filter	All Position Felt Pick-up in fuel tank, wire mesh screen in carburetor
Air Filter	Protected Phenolic Impregnated Polyester Fiber (Micro Mesh) for long service life
Gear Lubricant	SAE-90 gear oil
Muffler	Spark Arrestor
Gear Shift	Manual

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