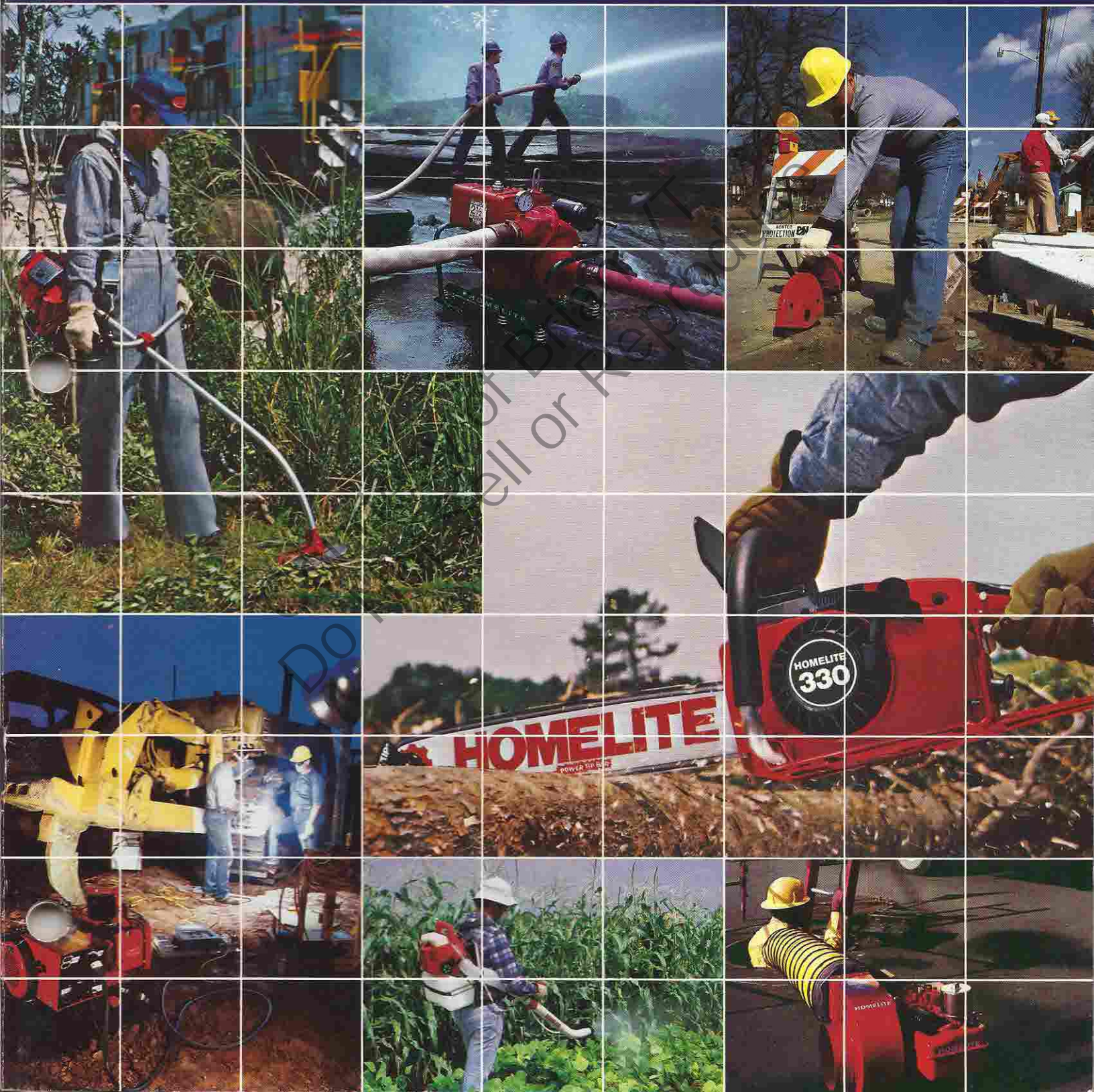


HOMELITE®

PRODUCT CATALOG



WHAT DO YOU GET WHEN YOU BUY HOMELITE?

BROAD PRODUCT LINE—When you deal with Homelite you have the advantage of buying a variety of portable power equipment from one source to meet most any job site requirement. As a Homelite customer, you'll have one source for service parts, warranty, application advice and product training plus the additional benefit of standardizing your own portable equipment fleet with the industry's most reputable brand.

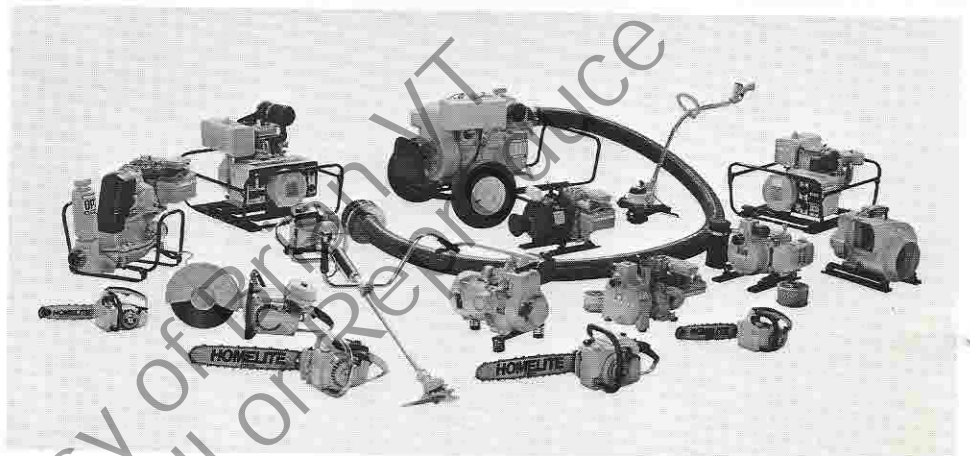
ENGINEERING—Homelite's research and engineering labs are among the most modern and best equipped in the world. Before it meets the market, every Homelite® product undergoes an extensive development program that ranges from the laboratory to the field.

QUALITY CONTROL—Our standards of excellence are as rigid as any in the industry, and that's one of the big factors behind Homelite's worldwide reputation for overall dependability and trouble-free performance.

MANUFACTURING—Homelite's reputation for quality and dependability is supported by four of the most up-to-date manufacturing facilities in the world. Located in Charlotte, N.C., Gastonia, N.C., Greer, S.C. and Pointe Claire, Quebec, Canada, all four plants make full use of today's advanced, state-of-the-art techniques and equipment.

PARTS & SUPPLY—Our computerized nationwide distribution system stands ready to ship products, parts and accessories anywhere in the country. Wherever you may be, day or night, you're never more than a phone call away from all the Homelite help you need.

SERVICE—Homelite factory service centers, across the country, are backed by the industry's largest force of factory-trained servicing dealers and expert Homelite sales representatives—all dedicated specialists with an in-depth knowledge of our products and the ability to solve any problems that might arise.



DUTY RATINGS

To aid in selecting the best Homelite® product for your specific requirement, the products in this catalog have been classified by performance level (duty rating). These classifications are designed only to guide you in choosing the proper equipment.

Each product is coded with either one, two or three construction hardhats to indicate its performance characteristics.



LIGHT

Equipment designed for intermittent use, where light weight and durability are needed.



HEAVY

Products which are ideal for general, all-around use, where high performance and longer equipment running time are necessary.



EXTRA HEAVY

Units engineered for rugged and strenuous job site applications, where maximum durability, low maintenance and continuous running time are required.

As a leader in the construction equipment industry, Homelite supports and participates in the following national trade and manufacturer associations:



TABLE OF CONTENTS

PUMPS	2-15
Centrifugal Pumps.....	3-5
Trash Pumps.....	6-7
Diaphragm Pumps.....	8
Pressure Pumps.....	9-10
Submersible Pumps.....	11
Specifications.....	12
Pump Accessories.....	13-15
GENERATORS	16-27
Selecting A Generator.....	17
Multi-Purpose Generators.....	18-19
Heavy-Duty Generators.....	20-21
High-Cycle Generator.....	21
Extra Heavy-Duty Generators.....	22-24
Standby Generator.....	25
Specifications.....	25-26
Generator Accessories.....	26-27
CHAIN SAWS	28-38
Electric Chain Saws.....	29
Gasoline Chain Saws.....	30-34
Specifications.....	35
Chain Saw Accessories.....	36-38

SAFETY ACCESSORIES	39
TRIMMERS AND BRUSHCUTTERS	40-43
Electric Trimmers.....	41
Gasoline Trimmers and Brushcutters.....	42-43
Specifications.....	43
Trimmer and Brushcutter Accessories.....	43
BLOWERS/SPRAYER/MISTER	44-45
MULTI-PURPOSE SAWS	46-47
Accessories.....	47
PLATE COMPACTORS	48-49
Accessories.....	49
VENTILATING BLOWERS	50-51
Accessories.....	51
HIGH-CYCLE CONCRETE VIBRATORS	52

Engine horsepower ratings are in accordance with ICEI and SAE Test Codes, corrected to sea level and 60 degrees F. Reduce ratings 3 1/2% for each 1000 feet above sea level and 1% for each 10 degrees F above 60 degrees F. Specifications in this catalog are subject to change without notice.

HOMELITE® PUMPS

Homelite, the nation's largest manufacturer of portable contractor pumps, offers a full line designed for a variety of dewatering jobs. Models are available with suction/discharge sizes from 1" to 4", capacities from 1,350 to 37,800 gph, in a choice of either 2 or 4-cycle gasoline engine-driven pumps, diesel pumps or electric submersibles. There is a full range of pumping capacities and heads so you can match the pump to the job conditions.

CENTRIFUGAL PUMPS

Perfect for general, all-purpose dewatering where large volumes of water must be moved or where high pressure is needed.

TRASH PUMPS

Centrifugal pumps specifically designed to allow pumping of water mixed with mud, sand, leaves, small gravel and other solids.

DIAPHRAGM PUMPS

Used where low, continuous flow is required, for highly viscous fluids, for air mixed with water, and for water mixed with a high content of solids or abrasive materials.

PRESSURE PUMPS

For clear water applications requiring high discharge pressure, where long hose runs are needed, or for fire fighting.

SUBMERSIBLE PUMPS

Electric pumps designed and built to be operated below the surface of the water, particularly where long running times are required, or where lift requirements exceed the capabilities of other type pumps.

THE FOLLOWING FEATURES ARE STANDARD ON MOST HOMELITE® PUMPS:

- Pump components are constructed of top quality materials assuring long life, low maintenance and light weight. And each Homelite® pump is matched to a power source which provides optimum performance and value.

- All engine-driven centrifugal pumps feature direct shaft-mounted, three-vane open impellers requiring no bearings. Patented, long-life, carbon-ceramic shaft seals require no maintenance. Long-lasting wear plates are engineered to increase efficiency and reduce maintenance.

- Most Homelite® pumps are self-priming and will maintain their prime during intermittent operations.

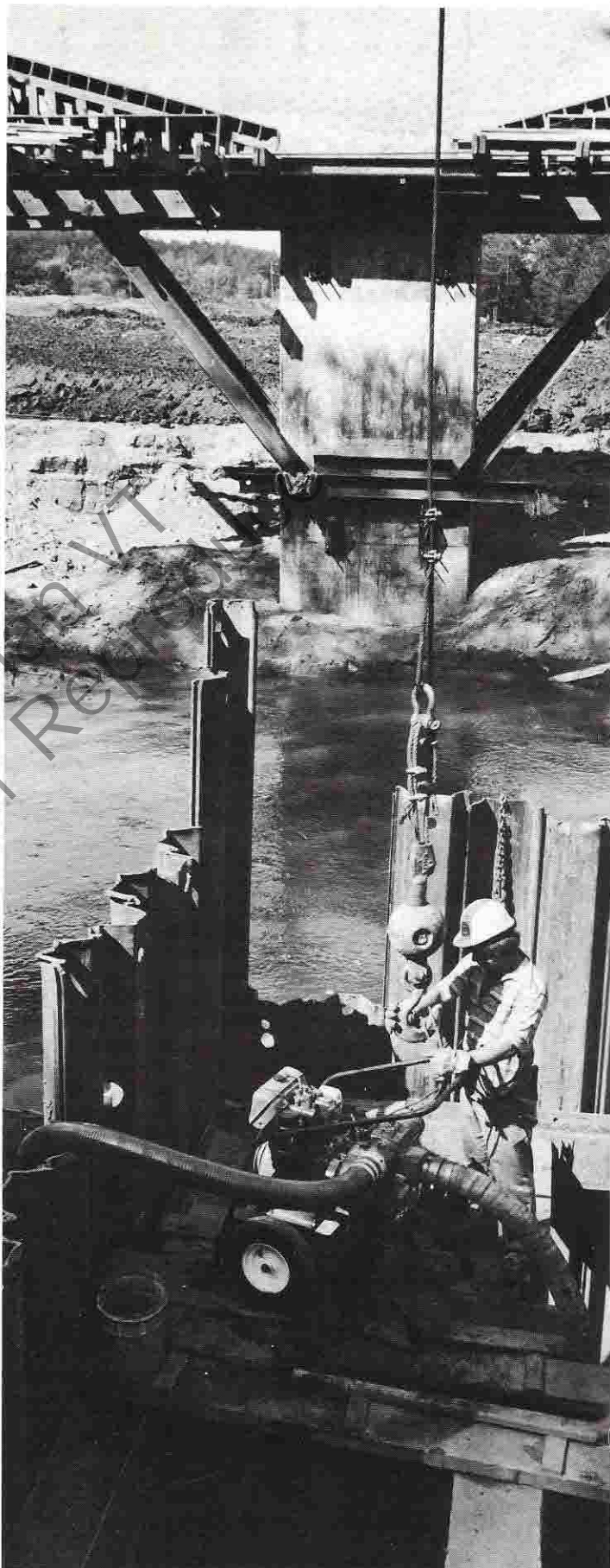
- Most Homelite® centrifugal and all Homelite® trash pumps have a full 28-foot suction lift at sea level, which eliminates the need for placing the pump near the water source.

- Lightweight pump bodies and components are used to keep the weight down without sacrificing durability. Built-in carrying handles provide easy lifting and moving from site to site, and all Homelite® pumps are compact to provide out-of-the-way storage when not in use.

- A one-year, limited warranty covers parts and servicing.

- Homelite® pumps conform to the Occupational Safety and Health Act (OSHA) requirements.

NOTE: Homelite® pumps should not be used for pumping volatile materials.



CENTRIFUGAL PUMPS

CENTRIFUGAL PUMPS

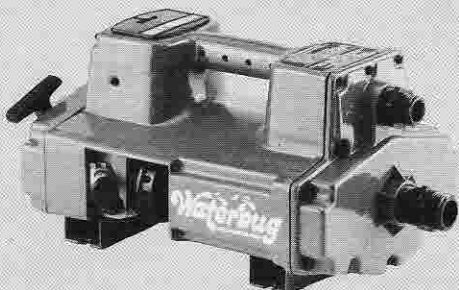
Homelite® centrifugal pumps are designed primarily for clear water but can be used where small quantities of mud, sand or silt will be encountered (up

to 10% by volume). They will also control heavier seepage in excavations, trenches, pipelines, manholes and foundations.

Homelite also offers a line

of rugged thermoplastic pumps designed to handle corrosive materials which would normally damage conventional aluminum and cast iron pumps. The pump body, impeller, volute

and mounting bracket are made of tough injection-molded thermoplastic with fiberglass reinforcing to withstand corrosion from pumping salts or chemicals suspended in liquids.



1" P100 Waterbug

MODEL P100 (WATERBUG™)

This versatile, light weight pump is ideal for homeowner use. It combines durable design with high performance capabilities, making it ideal for a wide range of water transfer applications. For example, pool maintenance, general dewatering and irrigation. Comes complete with couplings, adapters and 12 feet of 1" suction hose with strainer.

STANDARD EQUIPMENT:

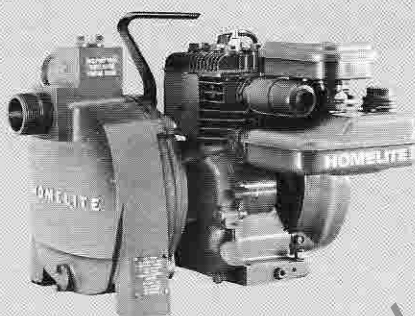
(Also see features at left.)

Pump

- Self priming
- Discharges through standard garden hose

Engine

- Air-cooled 2-cycle
- Solid state ignition
- Automatic rewind starter



1 1/2" 110SU1/2

MODEL 110SU1/2

Lightweight, ideal for intermittent clear-water pumping such as swimming pool cleaning, general dewatering and light irrigation.

STANDARD EQUIPMENT:

(Also see features at left.)

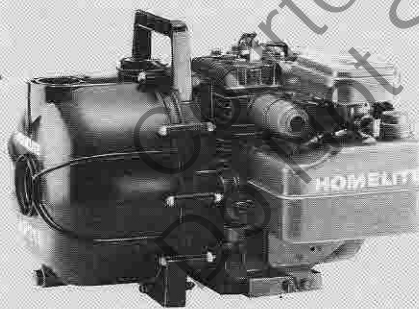
Pump

- Anti-vibration mounting (four neoprene feet)
- Steel suction/discharge nipples

- Corrosion-resistant metal strainer
- Carrying handle
- Replaceable steel wear plates
- Cast iron impeller
- Lightweight cast aluminum end-housing
- Abrasion-resistant cast iron impeller housing

Engine

- Automatic rewind starter
- Pneumatic-type governor
- Austenitic exhaust valve



1 1/2" AP215

MODEL AP215

Fiberglass, reinforced thermoplastic pump with distinctive exterior ribs equipped with universal mounting base for permanent installation. Features corrosive-resistant thermoplastic construction. Ideal for clear-water application or chemical, fertilizer or herbicide transfer.

STANDARD EQUIPMENT:

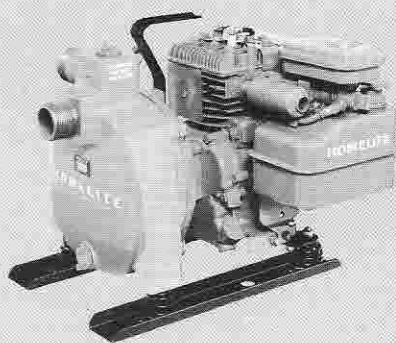
(Also see features at left.)

Pump

- Chemical and abrasion-resistant seal (EPDM)
- Molded-in carry handle
- Molded check valve
- Molded impeller
- Stainless steel fasteners

Engine

- Automatic rewind starter
- Pneumatic-type governor
- Austenitic exhaust valve



1 1/2" 111S1/2

MODEL 111S1/2

Same pump end as Model 110SU1/2 with increased capacity plus 50% more power. Good for applications where minimum amounts of solids will be encountered and where light weight and versatility are needed.

STANDARD EQUIPMENT:

(Also see features at left.)

Pump

- Vibration-isolated skids

- Suction/discharge nipples
- Corrosion-resistant metal strainer
- Spanner wrench and mounting bracket
- Replaceable steel wear plate
- Cast iron impeller

Engine

- Automatic rewind starter
- Manual throttle
- Pneumatic governor
- Austenitic exhaust valve

CENTRIFUGAL PUMPS

MODEL AP315

Deluxe version of the AP215. Includes abrasive-resistant rubber volute liner which allows operation where minimum solids content will be encountered. Ideal for general contractor or utility use.

STANDARD EQUIPMENT:

(Also see page 2.)

Pump

- Abrasion-resistant seals (BUNA-N)
- Suction/discharge nipples

- Spanner wrench
- Molded check valve
- Molded impeller
- Strainer
- Vibration-isolated skid mounting
- Stainless steel fasteners

Engine

- Automatic rewind starter
- Pneumatic governor
- Austenitic exhaust valve



MODEL XLS1½

Powered by a Homelite® 2-cycle engine, this pump is well-suited for uneven operating surfaces. Excellent where long hose runs, high heads or high working pressure are required.

STANDARD EQUIPMENT:

(Also see page 2.)

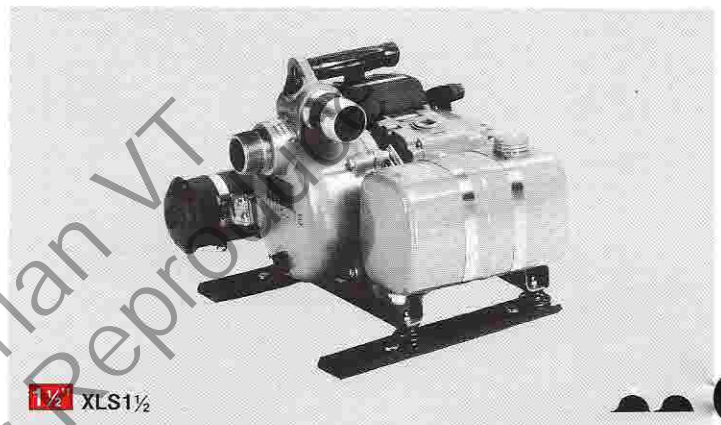
Pump

- Suction/discharge nipples
- Spanner wrench and mounting bracket

- Corrosion-resistant metal strainer
- Rubber cushion carrying handle
- Spring-mounted skids
- Replaceable steel wear plate
- Cast iron impeller

Engine

- Automatic rewind starter
- Pneumatic governor
- Manual throttle
- Solid state ignition



MODEL AP220

Same general features as AP215 with 40% more pumping capacity. Fiberglass-reinforced thermoplastic pump is corrosion-resistant. Equipped with universal mounting base for permanent installation. Ideal for clear-water applications or chemical fertilizer or herbicide transfer.

STANDARD EQUIPMENT:

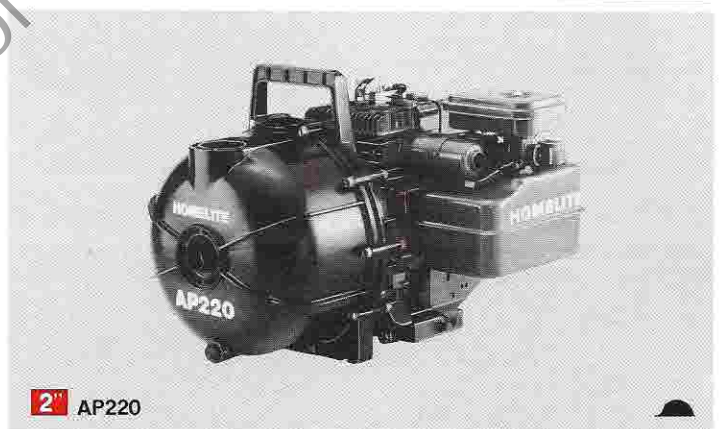
(Also see page 2.)

Pump

- Chemical and abrasion resistant seals (EPDM)
- Molded carrying handle
- Molded check valve
- Molded impeller
- Stainless steel fasteners

Engine

- Automatic rewind starter
- Pneumatic-type governor
- Austenitic exhaust valve



MODEL AP320

Deluxe pump features 40% more pumping capacity than the AP315. Abrasive-resistant rubber volute liner allows pump to be used for general utility where minimum solids will be encountered, as well as clear water transfer.

STANDARD EQUIPMENT:

(Also see page 2.)

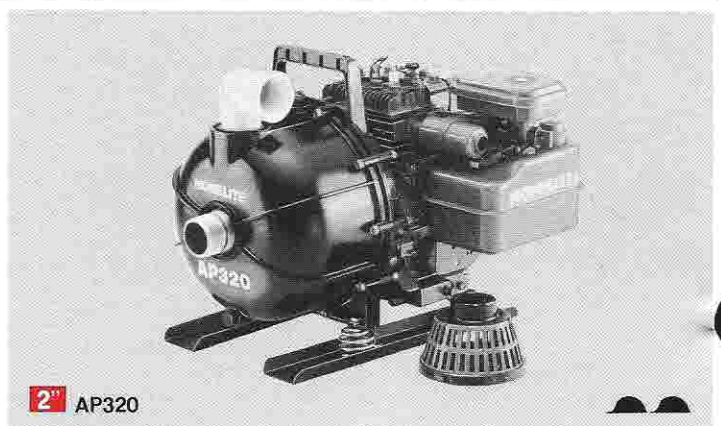
Pump

- Abrasion-resistant seals (BUNA-N)

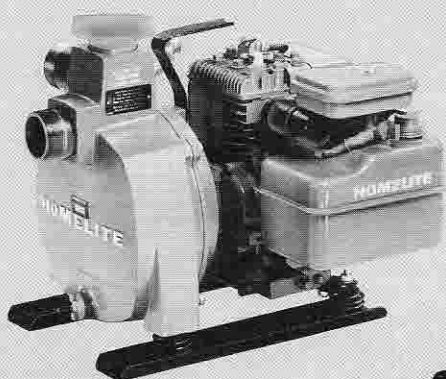
- Molded check valve
- Suction/discharge nipples
- Spanner wrench
- Corrosion-resistant strainer
- Vibration-isolated skid mounting
- Molded impeller
- Stainless steel fasteners

Engine

- Pneumatic governor
- Automatic rewind starter
- Austenitic exhaust valve



CENTRIFUGAL PUMPS



2" 111S2

MODEL 111S2

General utility pump features lightweight cast aluminum housing with 63% more pumping capacity than similar 1½" model.

STANDARD EQUIPMENT:

(Also see page 2.)

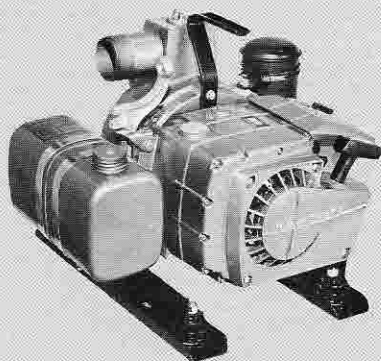
Pump

- Vibration-isolated skids
- Suction/discharge nipples
- Replaceable steel wear plate
- Corrosion-resistant metal strainer

- Spanner wrench and mounting bracket
- Cast iron impeller

Engine

- Cast iron cylinder sleeve
- Automatic rewind starter
- Dual element cartridge-type air cleaner
- Manual throttle
- Pneumatic governor
- Stellite exhaust valve and seat
- Exhaust valve rotator
- Ball crankshaft bearing



3" XLS2

MODEL XLS2

High discharge pressure makes this pump well-suited for washing, spraying, fire fighting, long hose runs, or general utility water transfer. Homelite® 2-cycle engine allows pump to be operated in any position or on uneven surfaces.

STANDARD EQUIPMENT:

(Also see page 2.)

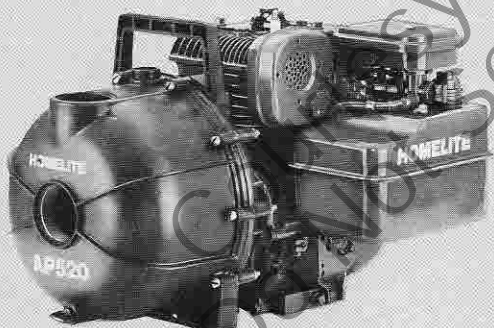
Pump

- Suction/discharge nipples

- Spanner wrench and mounting bracket
- Corrosion-resistant metal strainer
- Spring-mounted skids
- Replaceable steel wear plate
- Cast iron impeller

Engine

- Automatic rewind starter
- Pneumatic governor
- Manual throttle
- Solid state ignition



3" AP520

MODEL AP520

Homelite's highest performance agricultural pump. The corrosion-resistant construction makes it ideal for water or chemical transfer. And the big 5-horsepower engine pumps 9,600 gallons an hour, easily handling the biggest jobs.

STANDARD EQUIPMENT:

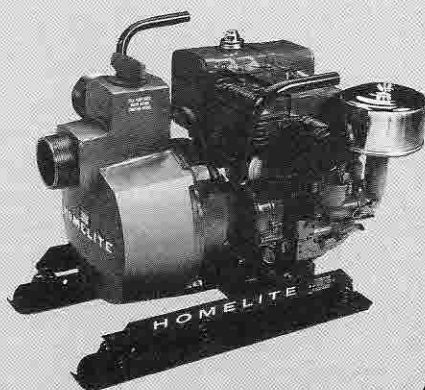
(Also see page 2.)

Pump

- Chemical and abrasion resistant seals (EPDM)
- Molded check valve
- Molded impeller
- Stainless steel fasteners

Engine

- Mechanical governor
- Automatic rewind starter
- Austenitic exhaust valve



3" 120S3

MODEL 120S3

At 17,200 gph, this is Homelite's highest capacity conventional centrifugal pump. Ideal for general dewatering applications where large volumes of water must be moved.

STANDARD EQUIPMENT:

(Also see page 2.)

Pump

- Two-man carrying handle
- Crane lifting eye
- Spring-mounted skids
- Corrosion-resistant metal strainer

- Spanner wrench and mounting bracket
- Suction/discharge nipples
- Cast iron impeller
- Replaceable steel wear plate

Engine

- Cast iron cylinder sleeve
- Automatic rewind starter
- Dual element cartridge-type air cleaner
- Stellite exhaust valve and seat
- Dual ball crankshaft bearings
- Exhaust valve rotator
- Mechanical governor
- Solid state ignition

TRASH PUMPS

Trash pumps are designed for use with water containing solids such as sticks, stones, mud, sand, gravel and other foreign material which would normally clog a standard centrifugal pump. They have the capabilities of a centrifugal pump, with the added ability to handle spherical solids approximately half the size of the suction inlet. Homelite® trash pumps can

also be used in clean water conditions in place of a non-trash-type centrifugal pump. Four hand-tightened wing nuts on the pump body provide quick disassembly for easy clean-out of the pump end.

High output capacity ranging from 11,500 gallons per hour to 37,800 gallons per hour and 28-foot lifts with relatively high total heads make these pumps

superior for general dewatering. Air-cooled gasoline and diesel-powered models available.

STANDARD EQUIPMENT ON ALL HOMELITE® TRASH PUMPS:

(Also see page 2.)

Pump

- Four wing nuts for quick clean out

- Suction/discharge nipples
- Corrosion-resistant metal strainer
- Spanner wrench and mounting bracket
- Crane lifting eye
- Cast aluminum housings
- Two-vane, cast iron open impeller

Engine

- Manual throttle

MODEL 121TP2

Heavy-duty Homelite® trash pump with self-priming design and large passages for moving water mixed with solids. Homelite's best trash pump for high head applications.

STANDARD EQUIPMENT:

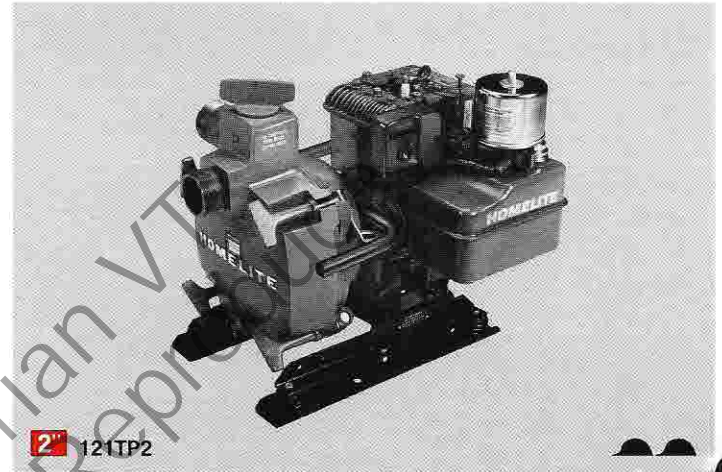
(Also see above and page 2.)

Pump

- Heavy-duty, spring-isolated skid mounts
- Two-man carry handle
- Replaceable steel wear plate

Engine

- Cast iron cylinder sleeve
- Automatic rewind start
- Stellite exhaust valve and seat
- Exhaust valve rotator
- Austenitic steel intake valve
- Dual element cartridge-type air cleaner
- Dual ball crankshaft bearings
- Mechanical governor
- Solid state ignition



2" 121TP2

MODEL 120TP3

Similar design to Homelite's 2" trash pump, but with almost twice the pumping capacity. Good for pumping applications such as foundations, sewers, excavations and general dewatering.

STANDARD EQUIPMENT:

(Also see above and page 2.)

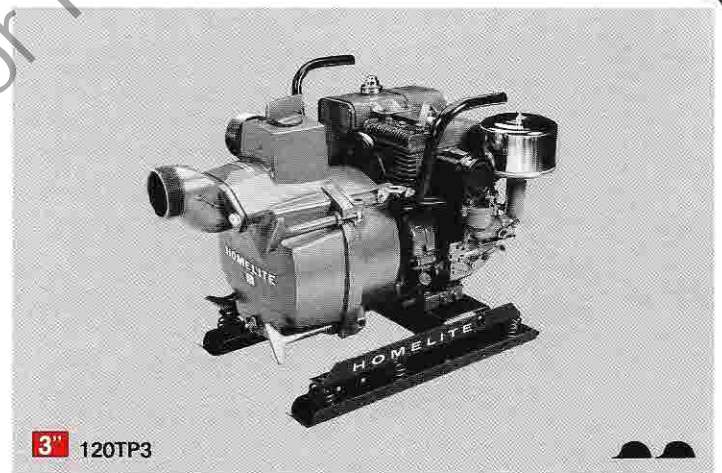
Pump

- Inlet check valve
- Replaceable cast iron volute
- Two-man carrying handle

- Heavy-duty, spring-isolated skid mounts

Engine

- Cast iron cylinder sleeve
- Automatic rewind start
- Stellite exhaust valve and seat
- Exhaust valve rotator
- Austenitic steel intake valve
- Dual element cartridge-type air cleaner
- Dual ball crankshaft bearings
- Mechanical governor
- Solid state ignition



3" 120TP3

MODEL DTP3 DIESEL TRASH PUMP

Diesel-powered 3" trash pump is ideally suited for big jobs where prolonged running times are required. Air-cooled, 4-cycle diesel engine. Pumps can pass spherical solids up to 1½". Cast iron open-type impeller features two-vane design with large clearances. Pump is either skid-mounted or mounted on a transport dolly for job site portability.

STANDARD EQUIPMENT:

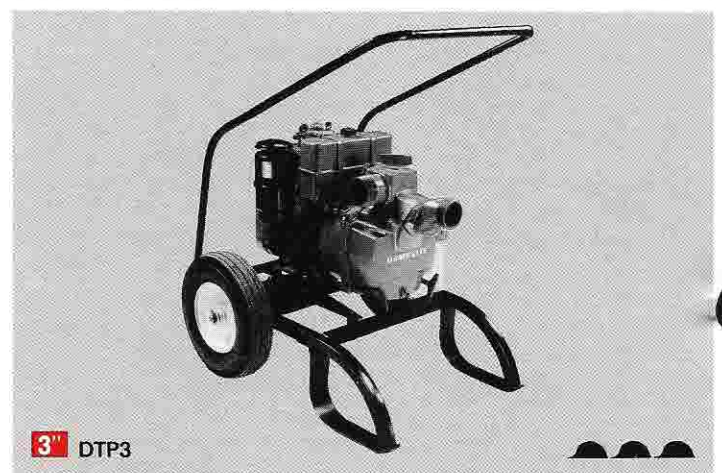
(Also see above and page 2.)

Pump

- Transport dolly with two pneumatic tires
- Built-in check valve

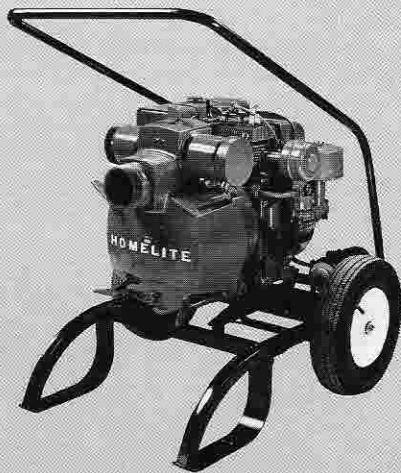
Engine

- Cast iron cylinder sleeve
- Electric start—rope start also included
- Manual compression release
- Oil bath air cleaner
- Forged steel crankshaft
- Gear-type oil pump
- Roller-type camshaft
- Needle crankshaft bearing
- Extra fuel device



3" DTP3

TRASH PUMPS



4" 160TP4

MODEL 160TP4

Large 4" suction/discharge delivers highest volume of any Homelite® pump—37,800 gallons per hour. Standard features include a double discharge outlet which can be closed off on either side for single side discharge. The unit is equipped with a cast iron engine block and oversize engine crankshaft for extended life. Mounted on heavy-duty dolly equipped with pneumatic tires and heavy-duty axle. When transport handle is placed in operating position, it automatically lifts unit off the tires to prevent walking.

STANDARD EQUIPMENT:

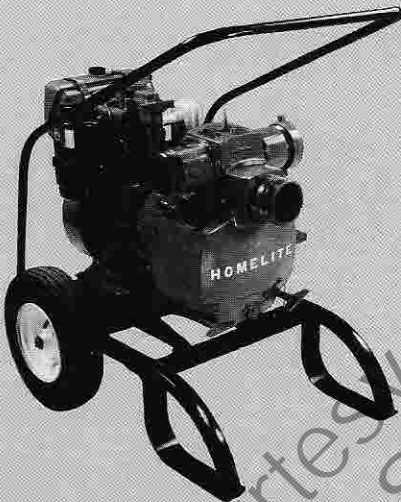
(Also see pages 2 and 6.)

Pump

- Transport dolly with two pneumatic tires

Engine

- Cast iron engine block
- Two-quart Ren oil reservoir
- Rope start
- Stellite exhaust valve and seat
- Exhaust valve rotator
- Austenitic steel intake valve
- Dual element cartridge-type air cleaner
- Dual ball crankshaft bearings
- Mechanical governor
- Solid state ignition



4" DTP4

MODEL DTP4 DIESEL TRASH PUMP

Largest, most rugged pump in Homelite's line. Air-cooled, diesel-powered with 4" suction/discharge. Open-type, two-vane cast iron impeller will pass spherical solids up to 2" in diameter. Maximum flow of 36,000 gph.

STANDARD EQUIPMENT:

(Also see pages 2 and 6.)

Pump

- Transport dolly with two pneumatic tires

Engine

- Cast iron cylinder sleeve

- Electric start—rope start also included
- Compression release
- Centrifugal oil filtration system with replaceable cartridge
- Forged steel crankshaft
- Gear-type oil pump
- Extra fuel device
- Fuel injection system
- Oil bath air cleaner
- Roller camshaft
- Roller crankshaft bearing
- Crankshaft thrust washers
- Double discharge outlets with nipples and caps



DIAPHRAGM PUMPS

Diaphragm pumps are ideal for pumping slow, variable seepage where thick mud and large amounts of solids are present or where air and abrasive solids are pulled into the pump.

Homelite® diaphragm pumps are available with 4-cycle, air-cooled gasoline engines, except one model which is designed for electric motor drive and includes a universal

mounting plate. These pumps offer a straight-through, self-priming design. Rubber elastomer diaphragm and flapper valves are replaceable for easy, on-site maintenance. Aluminum pump body keeps the weight down for easy portability.

Three rugged models provide output capacities of 2,000 and 4,800 gallons per hour, with high-suction lift of up to 25 feet

and maximum total head of up to 50 feet. These pumps can be operated dry without damage, and because of their slower pumping action, smaller engines with high fuel economy are used.

Pump

- Suction/discharge nipples
- Corrosion-resistant metal strainer
- Spanner wrench and mounting bracket
- Crane lifting eye
- Removable connecting rod access cover
- Two flapper valves

STANDARD EQUIPMENT ON ALL HOMELITE® DIAPHRAGM PUMPS:

(Also see page 2.)

MODEL 111DP2

Excellent for use where small amounts of seepage must be controlled. Aluminum pump body and internal parts keep the weight down for easy transport from job site to job site. Slow pumping action allows the pump to run many hours with little or no maintenance.

STANDARD EQUIPMENT:

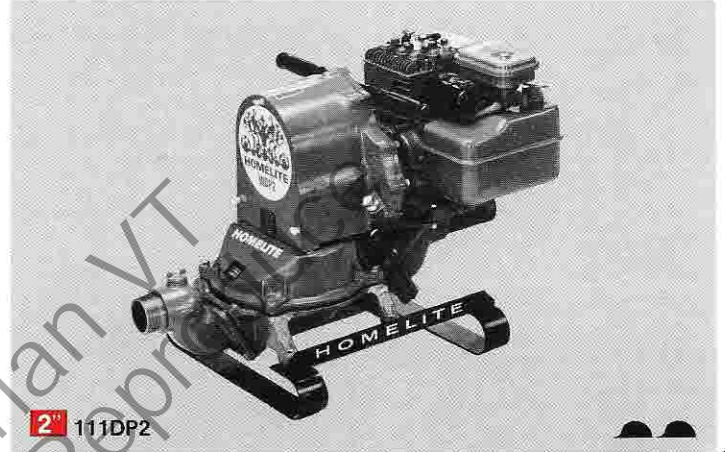
(Also see page 2 and above.)

Pump

- Rubber-coated, two-man carrying handle
- Spring-mounted skids

Engine

- Recoil starter
- Pneumatic governor
- Manual throttle
- Austenitic exhaust valve



2" 111DP2

MODEL 111DP3

High output capacity of 4,800 gph and maximum total head of 50 feet position this pump for larger jobs or high seepage applications. Elastomer diaphragm can handle heavy concentrations of solids, mud, sludge or abrasives for extended periods of time. Flapper-type check valves and surge tank offer sure pumping action and fast priming.

STANDARD EQUIPMENT:

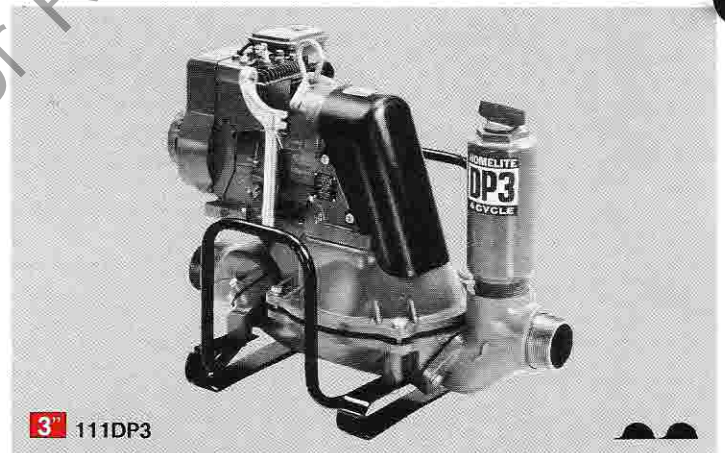
(Also see page 2 and above.)

Pump

- Two-man carrying handle
- Surge tank
- Elliptical mount springs

Engine

- Manual throttle
- Pneumatic governor
- Automatic recoil starter
- Austenitic exhaust valve



3" 111DP3

MODEL 56DP3

Provides same features and performance capabilities as 111DP3. Mounting plate allows coupling of power source to pump. Ideal for seepage control in confined applications such as trenches, tunnels, mines, ships, factories and basements. (Power source determines duty ratings.)

STANDARD EQUIPMENT:

(Also see page 2 and above.)

Pump

- Dual-channel mounts
- Power source mounting plate (designed for NEMA 56, 1 hp motor)
- Surge tank



3" 56DP3

PRESSURE PUMPS

Homelite's versatile pressure pump line offers four high-performance units designed to transfer water long distances or discharge water at high pressure. Applications include fire-fighting, rescue work, jetting

in piles, washing boats, cleaning swimming pools, irrigation and water main testing. Units are powered by gasoline engines: one 4-cycle and three 2-cycle models.

STANDARD EQUIPMENT ON ALL HOMELITE® PRESSURE PUMPS:

(Also see page 2.)

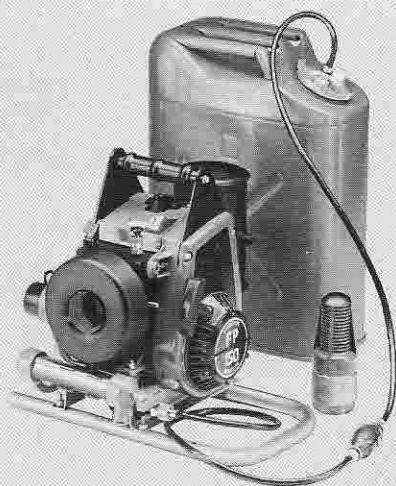
Pump

- Conveniently mounted carrying handles

- Vibration isolated skid mounting

Engine

- Manual throttle



1 1/2" FP150

MODEL FP150

A pump that is the lightest in its class—only 29 lbs. complete. Designed primarily for fire fighting and emergency situations, the FP150 is approved by the USDA Forest Service with no modifications required. Powered by a rugged Homelite® 2-cycle engine, it features rapid operation and quick clean-out for reliable service. Includes foot valve strainer, 5-gallon fuel can and 5-foot fuel line with priming bulb and quick disconnect couplings. Available with optional lightweight backpack frame.

STANDARD EQUIPMENT:

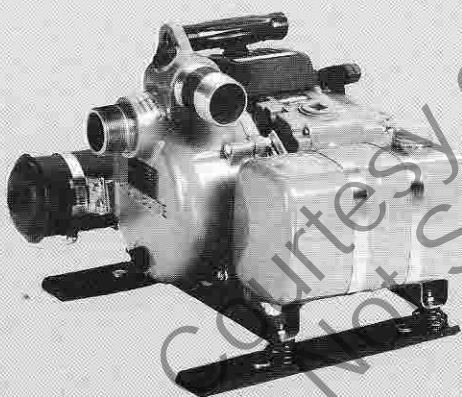
(Also see page 2 and above.)

Pump

- Hand priming pump attached
- Hydraulically balanced impeller
- Stainless steel, quick release clamp for rapid cleaning
- 1 1/2" NFS male fittings

Engine

- Heavy-duty replaceable cartridge-type air filter
- USDA-approved spark arrestor muffler—requires no modification
- Solid state ignition with automatic cutoff above 10,000 RPM protects engine when prime is lost.



1 1/2" XLS1 1/2

MODEL XLS1 1/2

Small in size, big in performance. Lightweight aluminum construction offers go-anywhere versatility. Pump can be hand-carried and will operate in any position due to the dependable Homelite® 2-cycle engine.

STANDARD EQUIPMENT:

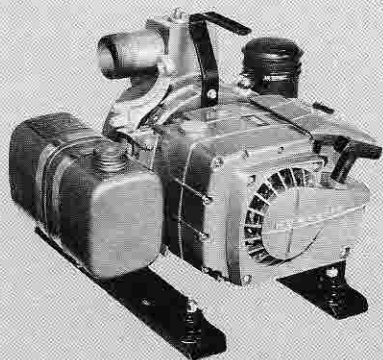
(Also see page 2 and above.)

Pump

- Rubber-coated handle grip
- Spring-isolated skids
- Replaceable steel wear plate
- Cast iron, three-vane open impeller

Engine

- Automatic rewind starter
- Large, can-type muffler
- Solid state ignition



2" XLS2

MODEL XLS2

Highest capacity 2-cycle pump in the Homelite® line. Achieves maximum pressure of 83 P.S.I. Light weight (40 lbs.) permits use of this pump in remote areas where portability is essential. 2-cycle engine allows operation in any position.

STANDARD EQUIPMENT:

(Also see page 2 and above.)

Pump

- Spring-mounted skids
- Cast iron, three-vane open impeller
- Replaceable steel wear plate

Engine

- Automatic rewind starter
- Pneumatic governor
- Large can-type muffler
- Solid state ignition

PRESSURE PUMPS

MODEL FP250

One of the few pumps of this size that features a lightweight aluminum engine with dual ball bearings and a cast iron cylinder liner for exceptional engine life. The built-in flapper valve on the discharge allows restarting without repriming.

STANDARD EQUIPMENT:

(Also see page 2 and 9.)

Pump

- Spring isolated skid mount
- Two-man carrying handles
- 2½" NPT female threads
- Extra long life carbon-ceramic shaft seal

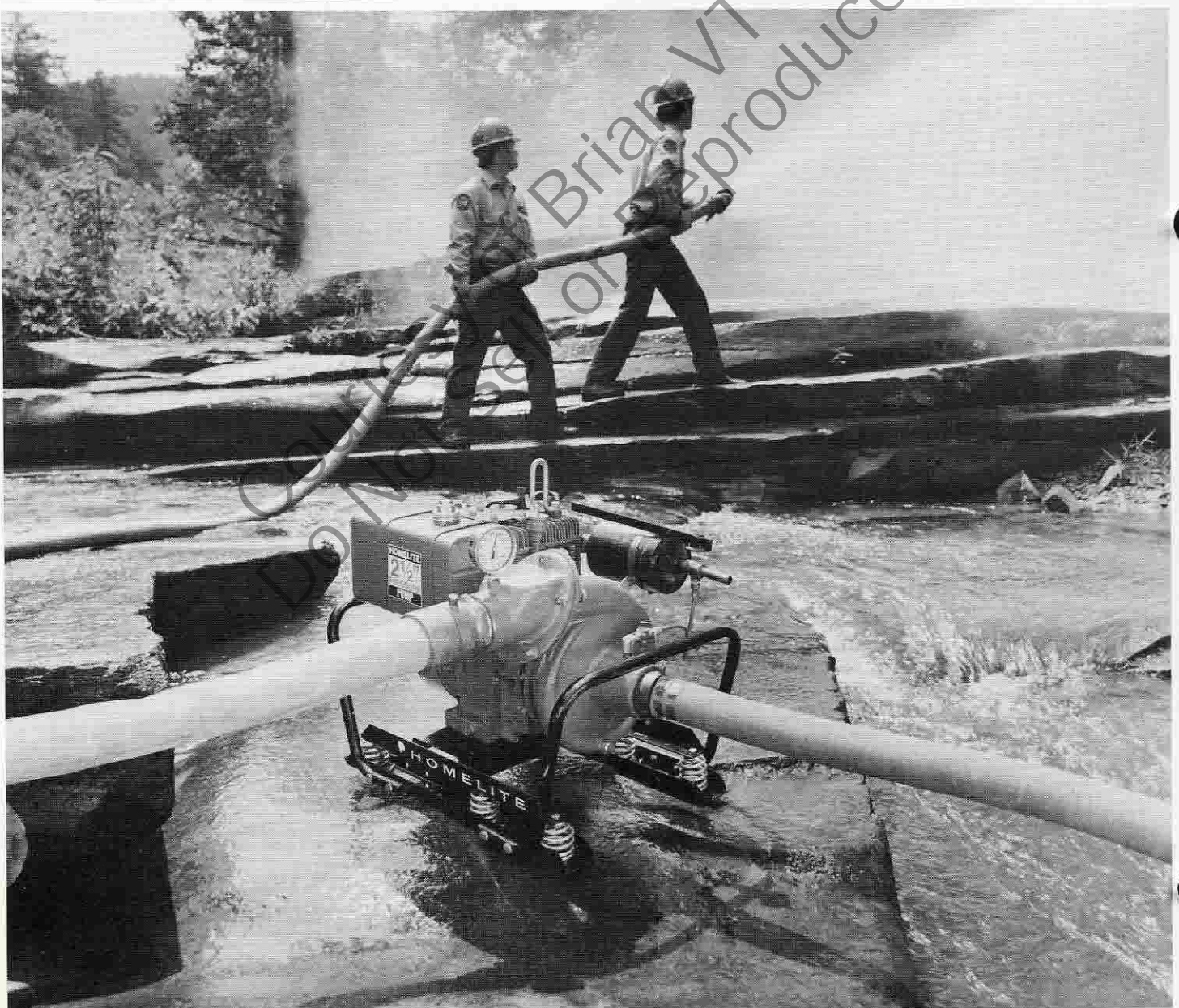
- Closed type aluminum impeller with stainless steel hub
- Replaceable bronze wear ring
- Precision liquid-filled pressure gauge measures in P.S.I. and Millibars
- Discharge check valve maintains prime

Engine

- Lightweight aluminum with dual ball bearings
- Exhaust priming system
- Dual element air filter with reusable foam element
- Mechanical governor with manual speed control
- Automatic rewind starter
- Cast iron cylinder sleeve
- Solid state ignition



2½" FP250



SUBMERSIBLE PUMPS

Highly efficient Homelite® submersible pump more water for their size than most competitive units. All models provide automatic operation with installation of optional single probe liquid level sensor. Most parts are aluminum to keep weight down, including a detached control box. Wear sur-

faces are rubber-coated to resist corrosion and extend life. Top discharge gives the units a small 8 $\frac{3}{8}$ " diameter for use where space is limited.

STANDARD EQUIPMENT ON ALL HOMELITE® SUBMERSIBLE PUMPS:

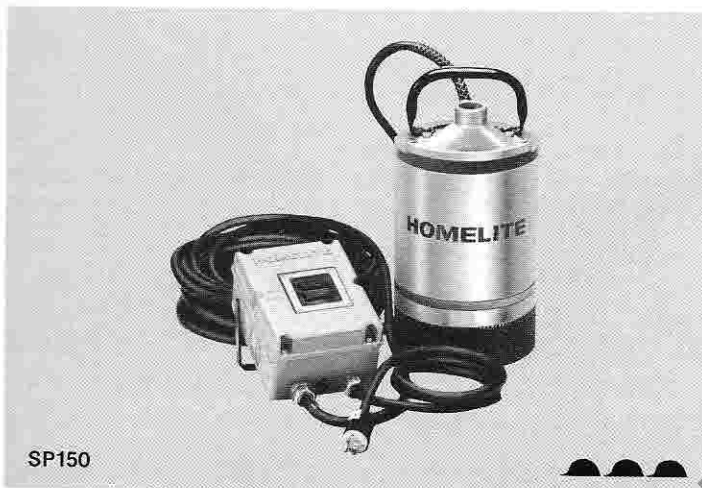
(Also see page 2.)

Pump

- Rubber-coated wear plate
- Two-element seal assembly with oil chamber
- Abrasion-resistant open-type impeller
- Carrying handle
- Built-in strainer

Motor

- Single-phase electric
- Water-resistant, aluminum detached control box complete with 50 feet of cable from box to pump, and 6 feet from box to outlet
- Thermal protector
- Circuit breaker overcurrent protector



SP150

MODEL SP150

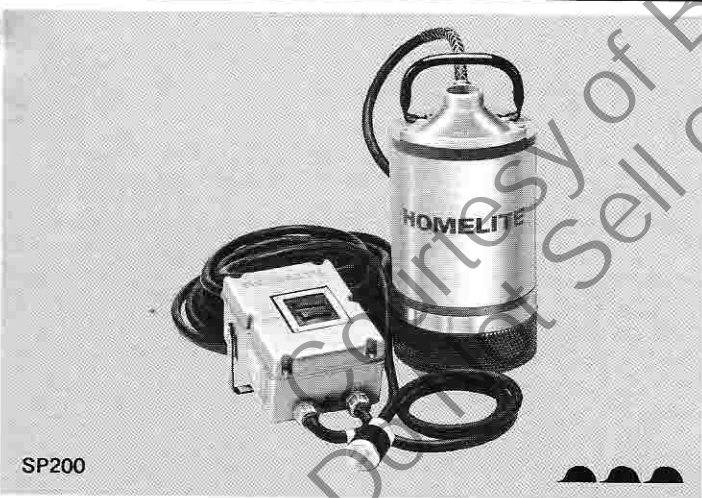
Offers lightweight and high performance. Maximum head of 43' and 6500 gph.

STANDARD EQUIPMENT:

(Also see page 2 and above.)

Motor

- 115 volt, 1 hp, single-phase, convertible to 230 volt



SP200

MODEL SP200

With a pumping capacity of 13,000 gph and maximum head of 53 feet, this unit is designed for medium-sized jobs.

STANDARD EQUIPMENT:

(Also see page 2 and above.)

Motor

- 115 volt, 1 $\frac{3}{4}$ hp, single-phase, convertible to 230 volt



SP300

MODEL SP300

Homelite's performance leader. Engineered for the big jobs, this pump offers maximum flow of 19,000 gph and total head of 80'.

STANDARD EQUIPMENT:

(Also see page 2 and above.)

Motor

- 230 volt, 3 $\frac{3}{4}$ hp, single-phase
- Improved shaft design

PUMP SPECIFICATIONS

CENTRIFUGAL PUMP SPECIFICATIONS

Model	Suc./Dis. Size	Duty Rating	G.P.H. Capacity	Total Head	Total Lift	Carbon Ceramic Shaft Seals	Priming Time @ 25' Lift	Engine		Model	HP/RPM	Fuel	Min. Running Time/Tank Capacity	Lub. Oil Capacity (Prints)	Dimensions			Ship. Wt. (Lbs.)		
								Mfg.	Model						L	W	H	Net Wt. (Lbs.)	Ship. Wt. (Lbs.)	
P100 Waterbug	1"	XLD	1,350	90'	20'	120 Sec. @ 20' Lift	Std.	Homelite®	2-Cycle	XL	1 @ 7000	Gas/Oil Mix 16:1	1½ Qts.	0.8	N/A	14¾"	9½"	7¾"	9	14
110SU1½	1½"	LD	5,000	94'	28'	69 Sec.	Std.	B&S	4-Cycle	60132	2 @ 3600	Gas	1 Qt.	1.1	1"	17¾"	14"	13"	41	55
AP215	1½"	LD	6,000	95'	28'	69 Sec.	Std.	B&S	4-Cycle	80232	3 @ 3600	Gas	2 Qts.	2.0	1"	17¾"	14¾"	13½"	32	37
111S1½	1½"	HD	5,500	100'	28'	60 Sec.	Std.	B&S	4-Cycle	80232	3 @ 3600	Gas	2 Qts.	2.25	1"	17½"	15¾"	14½"	47	62
AP315	1½"	HD	6,000	95'	28'	60 Sec.	Std.	B&S	4-Cycle	80232	3 @ 3600	Gas	2 Qts.	2.0	1"	18¾"	14¾"	15"	36½	42
XLS1½	1½"	HD	4,300	145'	28'	65 Sec.	Std.	Homelite®	2-Cycle	XL12	2.6 @ 6500	Gas/Oil Mix 16:1	2¼ Qts.	1.55	N/A	14¾"	15½"	15"	25	32
AP220	2"	LD	8,400	94'	28'	65 Sec.	Std.	B&S	4-Cycle	80232	3 @ 3600	Gas	2 Qts.	2.15	1"	18"	14¾"	13½"	32	37
AP320	2"	HD	8,400	94'	28'	65 Sec.	Std.	B&S	4-Cycle	80232	3 @ 3600	Gas	2 Qts.	2.15	1"	19"	14¾"	15"	37	42
111S2	2"	XHD	8,700	110'	28'	84 Sec.	Std.	B&S	4-Cycle	81232	3 @ 3600	Gas	3 Qts.	2.25	1"	19½"	15½"	15"	55	68
XLS2	2"	HD	8,400	193'	28'	74 Sec.	Std.	Homelite®	2-Cycle	XL925	4.5 @ 6400	Gas/Oil Mix 16:1	2¼ Qts.	3.2	N/A	15½"	18½"	14"	40	50
AP520	2"	HD	9,600	120'	28'	65 Sec.	Std.	B&S	4-Cycle	130232	5 @ 3600	Gas	3 Qts.	1.65	1"	18¾"	14¾"	13½"	37	42
120S3	3"	XHD	17,200	130'	28'	77 Sec.	Std.	B&S	4-Cycle	195432	8 @ 3600	Gas	1 Gal.	1.5	2"	25"	18½"	19½"	110	141

TRASH PUMP SPECIFICATIONS

121TP2	2"	HD	11,500	123'	28'	47 Sec.	Std.	B&S	4-Cycle	131232	5 @ 3600	Gas	3 Qts.	1.65	1¼ Pts.	19¾"	16"	17½"	74	94
120TP3	3"	HD	20,000	93'	28'	66 Sec.	Std.	B&S	4-Cycle	195432	8 @ 3600	Gas	1 Gal.	1.75	2¼ Pts.	27½"	18½"	20"	115	147
160TP4	4"	XHD	37,800	105'	28'	67 Sec.	Std.	B&S	4-Cycle	326431	16 @ 3600	Gas	2 Gal.	1.5	4 Qts*	40½"	34½"	29½"	310	326
DTP3	3"	XHD	18,600	88'	25'	41 Sec.	Std.	Lombardini	4-Cycle	530	8.5 @ 3600	Diesel	1.2 Gal.	2.9	1.1 Qts	39½"	34½"	43¾"	275	290
DTP4	4"	XHD	36,000	80'	25'	180 Sec.	Std.	Lombardini	4-Cycle	LDA510	14 @ 3600	Diesel	1.5 Gal.	3.0	2 Qts.	39½"	34½"	43¾"	375	390

DIAPHRAGM PUMP SPECIFICATIONS

111DP2	2"	HD	2,000	50'	25'	36 Sec.	Std.	B&S	4-Cycle	80232	3 @ 3600	Gas	3 Qts.	6.75	1"	28¾"	18"	10¼"	77	98		
111DP3	3"	HD	4,800	50'	25'	35 Sec.	Std.	B&S	4-Cycle	80232	3 @ 3600	Gas	3 Qts.	6.75	1"	31"	21"	22"	113	136		
56DP3	3"	**	4,800	50'	25'	35 Sec.	Std.	Not Supplied										34"	14"	20"	95	123

PRESSURE PUMP SPECIFICATIONS

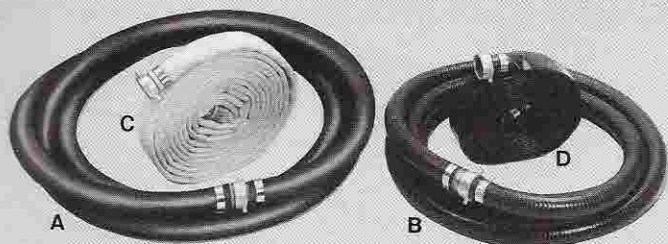
FP150	1½"	HD	3,600	510'	25'	N/A	Std.	Homelite®	2-Cycle	750	6.8 @ 7500	Gas/Oil Mix	5 Gal.	4.5	N/A	17"	15"	14¾"	29	55
XLS1½	1½"	HD	4,300	145'	28'	65 Sec.	Std.	Homelite®	2-Cycle	XL12	2.6 @ 6500	Gas/Oil Mix 16:1	2¼ Qts.	1.55	N/A	14¾"	15½"	11¾"	25	32
XLS2	2"	HD	8,400	190'	28'	74 Sec.	Std.	Homelite®	2-Cycle	XL925	4.5 @ 6400	Gas/Oil Mix 16:1	2¼ Qts.	3.2	N/A	15½"	18½"	14"	40	50
FP250	2½"	XHD	12,500	270'	19'	15' in 26 Sec.	Std.	B&S	4-Cycle	221432	10 @ 3600	Gas	6 Qts.	1.4	2"	24¼"	20¾"	22¾"	109	130

All capacities measures at 10' total head with 5' suction lift. *Includes 2-Quart Auxiliary **Power source determines duty rating.

SUBMERSIBLE PUMP SPECIFICATIONS

Model	Discharge Sz.	Duty Rating	G.P.H. Capacity	Total Head	H.P.	Volt	Phase	Plug	Pump Housing	Impeller	Shaft Seal	Thermo Protector	Over Current Circuit Breaker	Dimensions			Ship. Wt. (Lbs.)		
														Level Control	Height	Diameter	Net Wt. (Lbs.)	Ship. Wt. (Lbs.)	
SP150	1½"	XHD	6,500	43'	1	115 or 230	10.6	1	3 Prong Twist Lock NEMA L5-15P	Aluminum	Cast Iron Open Type	Two Element With Oil Chamber	Automatic Resetting Operation	Standard Reset	Optional Press. type A-46351	17"	8¾"	62	72
SP200	2"	XHD	13,000	53'	1½	115 or 230	21.0	1	3 Prong Twist Lock NEMA L6-20P	Aluminum	Cast Iron Open Type	Two Element With Oil Chamber	Automatic Resetting Operation	Standard Reset	Optional Press. type A-46351	19"	8¾"	74.5	85
SP300	3"	XHD	19,000	80'	3¾	230	21.0	1	3 Prong Twist Lock NEMA L6-30P	Aluminum	Cast Iron Open Type	Two Element With Oil Chamber	Automatic Resetting Operation	Standard Reset	Optional Press. type A-46351	20"	8¾"	82.5	95

PUMP ACCESSORIES



HOSE

Homelite® hose is available in P.V.C., mill and rubber. All hose is supplied with aluminum pin lug type couplings which are fitted with brass swivels to resist corrosive damage. Hose is available in 1½", 2", 3" and 4" diameters. Other diameters can be ordered on special request. Suction hose comes in 10', 15', 20' and 25' lengths, discharge hose in 25', 50' and 100' lengths. Bulk quantities or special lengths are also available on request.

A. RUBBER HOSE

For heavy-duty suction or discharge of water.

B. PVC SUCTION HOSE

For liquids containing small solids and light abrasives.

C. MILL DISCHARGE HOSE

For high pressure applications where durability is a necessity.

D. PVC DISCHARGE HOSE

For general dewatering.

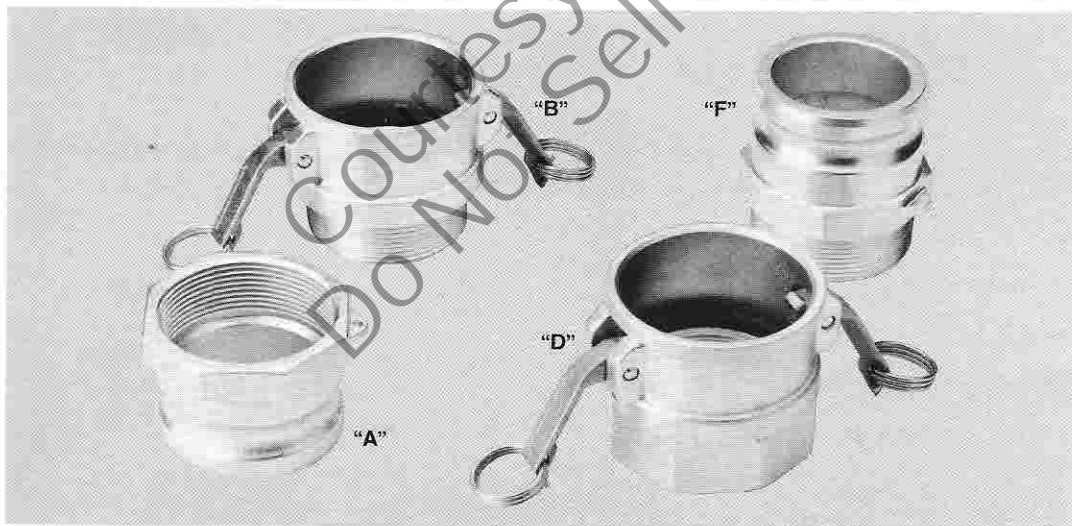
ORDERING INFORMATION

SUCTION HOSE—Aluminum Pin Lug Coupling with Brass Swivel

Length	1½"		2"		3"		4"	
	Rubber	PVC	Rubber	PVC	Rubber	PVC	Rubber	PVC
10'	46524	46540	46528	46544	46532	46548	46536	46552
15'	46525	46541	46529	46545	46533	46549	46537	46553
20'	46526	46542	46530	46546	46534	46550	46538	46554
25'	46527	46543	46531	46547	46535	46551	46539	46555

DISCHARGE HOSE—Aluminum Pin Lug Coupling with Brass Swivel

Length	1½"		2"		3"		4"	
	Mill	PVC	Mill	PVC	Mill	PVC	Mill	PVC
25'	46568	46556	46571	46559	46574	46562	46577	46565
50'	46569	46557	46572	46560	46575	46563	46578	46566
100'	46570	46558	46573	46561	46576	46564	46579	46567



QUICK DISCONNECT COUPLINGS

Available in aluminum and nylon in "A", "B", "D" and "F" styles.

ORDERING INFORMATION*—QUICK DISCONNECT HOSE COUPLINGS

Part/Description	Material		1½"	2"	2½"***	3"	4"
	Aluminum Part No.	Nylon Part No.					
"A" Adapter	47851-	96469-	01	02	03	04	05
"B" Coupler	47852-	96470-	01	02	03	04	05
"D" Coupler	47853-	96471-	01	02	03	04	05
"F" Adapter	47854-	96472-	01	02	03	04	05

*Note: When ordering, specify part numbers for material and size. For example, Aluminum Adapter "A" in 1½" size would be ordered as 47851-01. Nylon Coupler "D" in 3" size would be ordered as 96471-04. **2½" not available in nylon.

PUMP ACCESSORIES

THERMOPLASTIC PUMPS

A. STRAINERS

Molded of high impact plastic. Strainer openings specifically designed for use with thermo-plastic pumps, 1½" and 2" sizes. Included with AP315 and AP320.

B. EPDM SEAL CONVERSION KIT

For pumping chemicals which will affect Buna-N-Rubber.

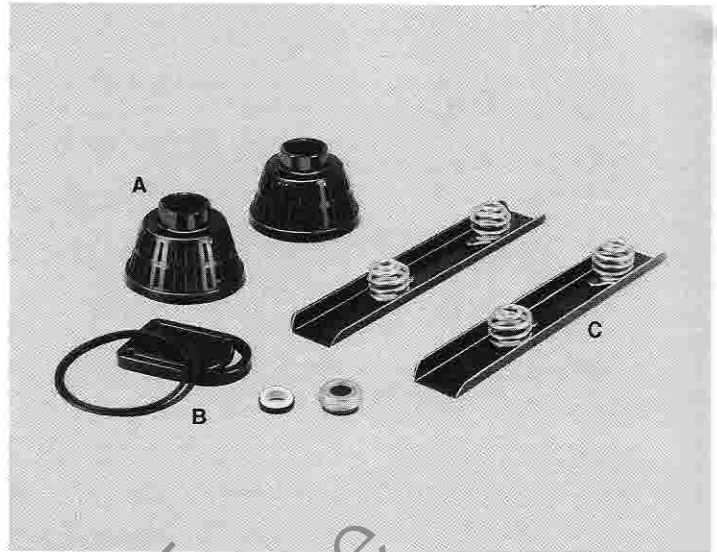
C. SKID KIT

Includes two skids, four springs, and fasteners. Included with AP315 and AP320.

ORDERING INFORMATION— THERMOPLASTIC PUMP ACCESSORIES

Model	Strainers	Skid Kit	EPDM Seal Kit	BUNA-N Seal Kit
AP315	43306	A42218	A43297-A*	A47832
AP215	43306	A43318	A43297-A	A47832
AP320	43307	A43318	A43297-A*	A47832
AP220	43307	A43318	A43297-A	A47832
AP520	43307	A43318	A43297-A	A47832

*When ordering EPDM seal kit on AP315 and AP320, also order volute No. 43324.



SUBMERSIBLE PUMPS

D. LIQUID LEVEL CONTROL KIT

Provides automatic operation at a predetermined water level. Kit includes all necessary component parts for easy and fast installation. Features an

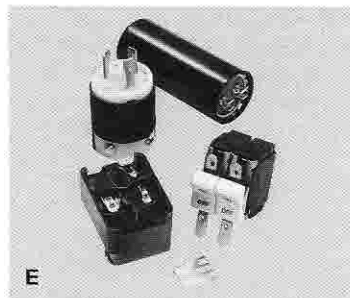
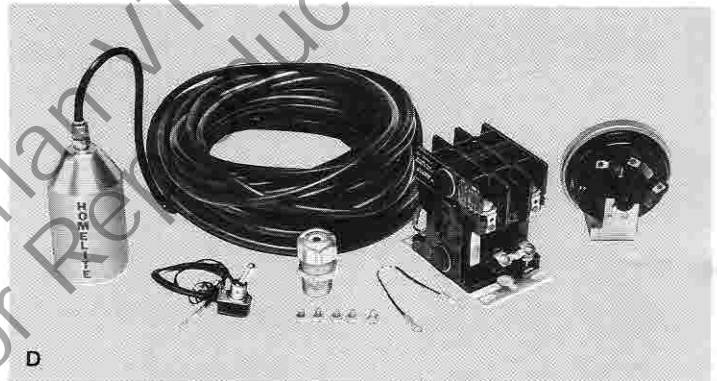
independent, lightweight depth probe. For all Homelite® submersible pumps.

E. VOLTAGE CONVERSION KIT

Allows pump to be used with 115 volt or 230 volt power. All necessary hardware included.

ORDERING INFORMATION— SUBMERSIBLE PUMP ACCESSORIES

Model	Voltage	Liquid Level Control Kit	Voltage Conversion Kit
SP150-1	115	A-46351-1	A-43238 (115v to 230v)
SP150-1A	115	A-46351	A-46413 (115v to 230v)
SP150-1B	115	A-46351	A-47580-A (115v to 230v)
SP200-1	230	A-46351-1	A-43237 (230v to 115v)
SP200-2	115	A-46351-1	A-43339 (115v to 230v)
SP200-2A	115	A-46351	A-46415 (115v to 230v)
SP200-2B	115	A-46351	A-47650-A (115v to 230v)
SP300-1	230	A-46351-1	NA
SP300-1A	230	A-46351	NA
SP300-1B	230	A-46351	NA



CAST CENTRIFUGAL, TRASH, DIAPHRAGM AND PRESSURE PUMPS

A. SPANNER WRENCHES

Cast malleable iron construction.

B. PUDDLE SUCKERS

Include built-in strainer and attach with threaded fitting. Cast aluminum construction. Fit 1", 1½", 2" and 3" hoses.

FERTILIZER GASKETS

(not pictured)

Allow pumping of water mixed with corrosive chemicals.

C. FERTILIZER SEAL KITS

Carbon-ceramic seal fitted with chemical-resistant rubber.

Allow pumping of water mixed with corrosive chemicals.

D. REPLACEMENT RUBBER HOSE WASHERS

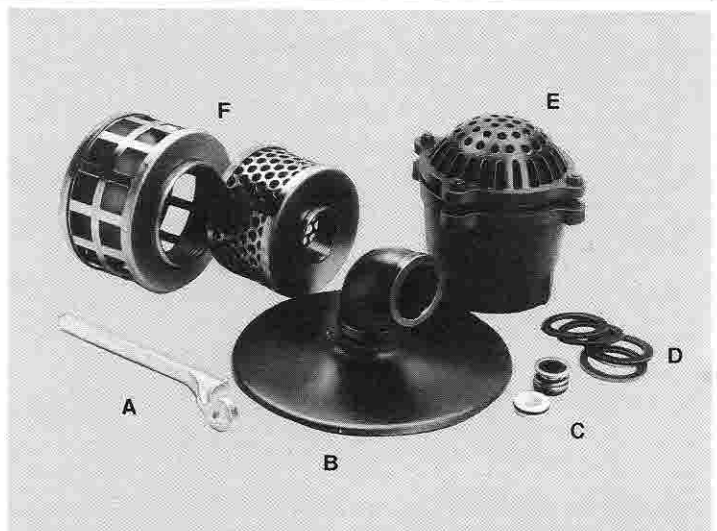
1½" through 4" sizes standard. Other sizes available on request.

E. STRAINER WITH FOOT VALVE

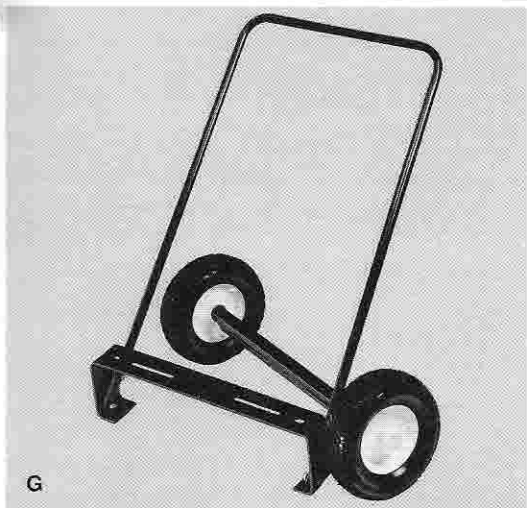
Foot valve is built into strainer. Other sizes available on request.

F. STRAINERS

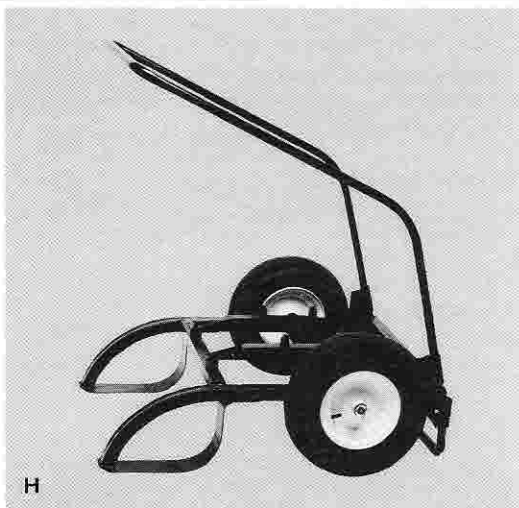
Welded steel type. Threaded for 1½", 2", 2½", 3" and 4" diameter suction hose. Two metal types available for either trash and diaphragm, or pressure and centrifugal pumps.



PUMP ACCESSORIES



G



H

G. UNIVERSAL DOLLY

For convenient portability of Homelite® equipment. Designed to adapt to most Homelite® generators and pumps. Dolly frame is made in two parts which securely clamp to sides of unit. Frame is welded steel and mounted to steel axles supported by semi-pneumatic tires.

H. HEAVY-DUTY DOLLY (A-46628-A)

Welded tubular steel on heavy-duty axle with pneumatic tires. Fold-away handle locks unit into stable operating position. Can be used on any large pump to enhance portability.



I

I. BACKPACK FRAME (A47931)

The lightweight backpack frame for the Homelite® FP150 has a quick attachment feature for easy mounting and removal of the pump or fuel tank. Designed to provide excellent weight distribution, this rugged frame features padded body straps for extra comfort and extra strong securing straps to keep pump or fuel tank firmly in place under tough conditions. Zippered tool pouch is also included.

MISCELLANEOUS ACCESSORIES

BATTERY MOUNTING KIT (A43128)

For use with electric start kit on Model 160TP4. Electric start kit available from engine manufacturer.

ORDERING INFORMATION—GENERAL PUMP ACCESSORIES

Model	Spanner Wrenches	Strainers	Puddle Suckers	Strainer W/Foot Valve	Replacement Hose Washers	Fertilizer Seals	Universal Dolly
P100			48572				
111S1½	22139	30127	43365		51036	A62861-2	
110SU1½	22139	62699	43365		51036	A62861-2	
XLS2	19189-B	30128	43372		18108H		A53421A
111S2	19189-B	30128	43372		18108H	A62861-2	A53421A
120S3	20024-B		43373		20510	A62713-2	A53421A
121TP2	19189-B	54702-A	43372		18108H	A62713-2	A53421A
120TP3	20024-B	74454-A	43373	74354A	20510	A62713-2	A53421A
160TP4	22148	54956			25672		A43195
DPT3	20024-B	74454-A	43373	74354A	20510		A46628A
DTP4	22148	54956			25672		A46628A
111DP2	19189-B	54702-A	43372		18108H		A53421A
111DP3	20024-B	74454-A	43373	74354A	20510		A53421A
56DP3	20024-B	74454-A	43373	74354A	20510		

HOMELITE GENERATORS

High-performance Homelite® generators develop alternating, direct or high-cycle current and can be matched to the power requirements of construction, farm, recreation, home or business sites.

MULTI-PURPOSE GENERATORS

Perfect for general, light-duty applications. Available in five models ranging in size from 1350 watts to 4000 watts, they are conservatively rated and light weight.

HEAVY-DUTY GENERATORS

These generators were designed to stand up to the rigors of construction sites and rental yard applications, where they will be subjected to dirty, dusty conditions and run day after day with a minimum of attention and maintenance. Sizes range from 1500 watts to 7500 watts.

HIGH-CYCLE GENERATOR

This heavy-duty, dual-purpose 5000 watt generator will operate high-cycle (180 Hz) vibrators and other high-cycle tools from the AC output and, at the same time, run lights and standard universal motor electric tools from the 115 volt DC output.

EXTRA HEAVY-DUTY GENERATORS

Operating at 1800 rpm*, these units trade speed for endurance without any sacrifice in output and offer lower maintenance costs, less down time, lower noise levels, less fuel consumption and significantly longer service life. Sizes range from 3600 watts to 12300 watts.

STANDBY GENERATOR

When there's a power failure, supply your home or business with 5000 watts of electricity. The Homelite® standby generator is a completely self-contained system designed for simple installation, outdoors and out of the way.



EGSMA
ELECTRICAL
GENERATING
SYSTEMS
MARKETING
ASSOCIATION

*Model 177D38 operates at 3600 rpm.

SELECTING A GENERATOR

THE FOLLOWING FEATURES ARE STANDARD ON ALL HOMELITE® GENERATORS:

- Generator components are constructed of top-quality materials assuring long life, low maintenance and light weight.
- Each unit is matched to a 4-cycle engine providing optimum performance and value.
- Direct shaft-mounted rotors, using the engine bearing for support at the engine end, offer more productive working hours with less down time and low maintenance.
- All Homelite® 60 Hz generators are of the revolving field type and are statically excited.
- Stator frame is piloted to the engine, insuring permanent alignment and ease of field servicing.
- **Voltage Regulation:** Homelite® generators are statically regulated and hold voltage within the limits ideal for individual requirements.
- **Frequency Regulation:** From no-load to full load within three cycles.

- **Power Factor:** All Homelite® single phase alternators are rated at unity (1.0) power factor. Three phase units are rated at 0.8 P.F.
- **Temperature Rise:** Rise at continuous rated load is within NEMA MG1-22-40 definition
- **Insulation:** Of a class as defined by NEMA MG1-1.65. Insulation varnish conforms to Mil-I-24092B.
- **DC Field Rings:** Special hardened copper slip rings are used along with copper graphite brushes and cartridge-type brush holders to conduct the small amount of current required for exciting the fields.
- **Rotor:** Special laminated electrical-type steel with end magnets which retain residual magnetism, insuring voltage build-up under all operating conditions even after short circuit.
- **Stators:** Laminated silicon steel with the electrical coils wound directly into the insulated stator slots.
- **Cooling:** A fan forces air through the alternator, discharging at the engine end.
- **Receptacles:** NEMA-type to

ease plug-in of portable tools and appliances.
 ■ Homelite® generators conform to the Occupational Safety and Health Act (OSHA) requirements.

HOW TO DETERMINE THE RIGHT SIZE GENERATOR

A fundamental problem in selecting an engine-driven generator is to determine the power (kilowatt) requirements which must be met under operating conditions. Under-sizing of the equipment is a very common error. Usually the problem can be traced to a failure to consider all of the loads that will be connected to the generator or under-estimating the starting requirements of electric motor-operated devices.

Be sure the generator you select is large enough to handle your present requirements and anticipated needs.

In order to determine the right size generator, add the total watts of all lights, appliances, tools or other equipment to be connected to the generator. Check the nameplates to determine wattage. If wattage

is not shown, but amps and volts are given, the following simplified formula may be used:
 Amps × Volts = Watts

Example:
 $12.5 \times 120 = 1500$ Watts
 To determine kilowatts (KW), use the following formula:

$\frac{\text{Watts}}{1000} = \text{Kilowatts}$
 Example: $\frac{1500}{1000} = 1.5$ KW

Charts 1, 2 and 3, shown below will help you in selecting the proper size generator. With lights, heaters and small appliances, simply add the nameplate ratings or see Chart 1 for average wattage requirements. For portable electric tools and equipment, check the nameplate rating or use Chart 2 for average requirements. If watts and/or amps are not given and only the horsepower (HP) is shown, use Chart 3 to obtain the starting and running watts.

Chart 4 is furnished as a guide for selecting the proper size insulated copper wire when extension cables are used. We recommend the use of outdoor rated cable such as U.L. recognized type SJTW-A.

CHART 1 HOME APPLIANCES—AVERAGE WATTAGE REQUIREMENTS

EQUIPMENT	WATTAGE	EQUIPMENT	WATTAGE
Air Conditioning (Window)	1300	Food Freezer	300
Blanket	150	Heater (Radiant)	1300
Broiler	1400	Hot Plate	1250
Clothes Dryer (Electric)	4800	Lamps (Lights)	As Indicated
Clothes Dryer (Gas)	400	Refrigerator/Freezer	425
Coffee Maker	850	Sump Pump	400
Dishwasher	1200	TV (Color)	300
Fan (Attic)	375	Toaster	1100
Fan (Furnace)	270	Water Heater	4500
Fan (Window)	200	Water Pump	1250

CHART 2 PORTABLE ELECTRIC TOOLS—AVERAGE WATTAGE REQUIREMENTS

EQUIPMENT	WATTAGE	EQUIPMENT	WATTAGE
Blowers, Electric	½ to 3 HP	Heaters, Space	¼ to 2 HP
Concrete Vibrators ¾HP	840	Pumps, Electric	½HP & Up
Concrete Vibrators 1 HP	1080	Routers	1050
Concrete Vibrators 2 HP	1560	Saws, Chain	1320
Concrete Vibrators 3 HP	2400	Saws, Circular 6"	1000
Compressors	¼ to 3 HP	Saws, Circular 8½"	1500
Drain Cleaners	250	Saws, Circular 10"	2000
Drills ¼"	250	Saws, Cutoff	2500
Drills ⅜"	500	Saws, Jig	300
Drills ½"	750	Saws, Masonry	2 to 5 HP
Drills 1"	1000	Saws, Table	1 to 3 HP
Grinders, Bench	¼ to 1 HP	Saws, Radial Arm	1 to 5 HP
Grinders, Portable	1380	Screw Drivers	550
Hammers, Demolition	1260	Shears, Metal-Cutting	750
Hammers, Rotary	1200	Sanders, Belt	1200
Impact Wrenches ½"	600	Sanders, Disc	1200
Impact Wrenches ¾"	720	Sanders, Orbital	250
Impact Wrenches 1"	1200	Lights	Check wattage on bulb

CHART 3 MOTOR-STARTING REQUIREMENTS

Motor HP Rating	Approx. Running Watts	APPROXIMATE STARTING WATTS REQUIRED			
		Universal Motors	Repulsion Induction Motors	Capacitor Motors	Split Phase Motors
¼	275	400	600	850	1200
½	400	500	850	1050	1700
⅝	450	600	975	1350	1950
¾	600	750	1300	1800	2600
1	850	1000	1900	2600	*
1½	1000	1250	2300	3000	*
2	1600	*	3200	4200	*
3	2000	*	3900	5100	*
4	3000	*	5200	6800	*
5	4800	*	7500	9800	*

*Motors of higher horsepower are not generally used in this classification.

CHART 4 EXTENSION CABLES

Current in Amperage	Load in Watts		Maximum Allowable Cable Length							
	at 120 Volts	at 240 Volts	#4 Wire	#6 Wire	#8 Wire	#10 Wire	#12 Wire	#14 Wire	#16 Wire	#18 Wire
2.5	300	600	—	—	—	1000	600	375	250	150
5.0	600	1200	—	—	—	500	300	200	125	75
7.5	900	1800	—	—	—	330	200	125	80	50
10	1200	2400	—	625	400	250	150	100	50	35
15	1800	3600	650	400	265	165	100	50		
20	2400	4800	500	300	200	125	80			
25	3000	6000	400	250	150	100				
30	3600	7200	325	200	125					
35	4200	8400	275	175	100					
40	4800	9600	250	150						
45	5400	10800	225							
50	6000	12000	200							

MULTI-PURPOSE GENERATORS

MODEL E1350

Lightweight and compact portable power for easy carrying. Smallest unit in Homelite® generator line.

STANDARD EQUIPMENT:

(Also see page 17.)

Generator

- Carrying handles with rubber grips

- Anti-vibration spring mounts
- Two 120 volt, 20 amp receptacles, NEMA-type 5-20R
- Voltage inherently regulated
- Built-in overload protection

Engine

- Automatic rewind starter
- Mechanical-type governor
- Austenitic steel exhaust valve



MODEL E1700

Efficient, high performer. Light enough for portable power applications.

STANDARD EQUIPMENT:

(Also see page 17.)

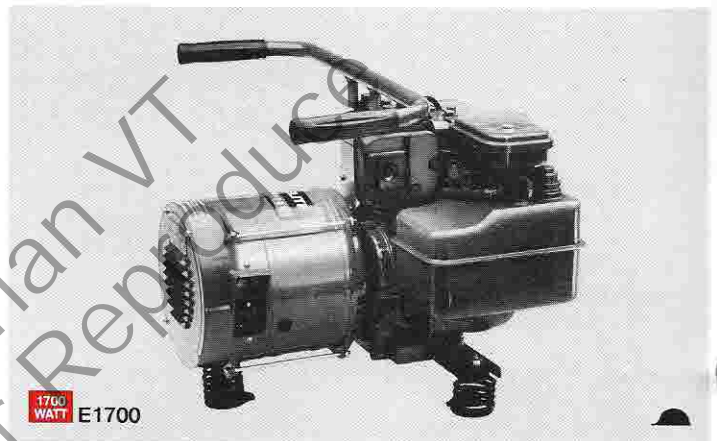
Generator

- Carrying handles with rubber grips

- Anti-vibration spring mounts
- Two 120 volt, 20 amp receptacles, NEMA-type 5-20R
- Voltage inherently regulated
- Built-in overload protection

Engine

- Automatic rewind starter
- Mechanical-type governor
- Austenitic steel exhaust valve



MODEL E2250

Dependable, efficient, multi-purpose generator. Light in weight and high in performance.

STANDARD EQUIPMENT:

(Also see page 17.)

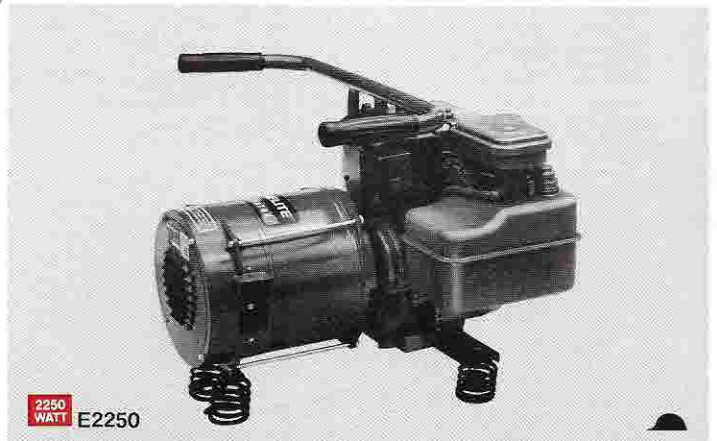
Generator

- Carrying handles with rubber grips
- Anti-vibration spring mounts

- Two 120 volt, 20 amp receptacles, NEMA-type 5-20R
- Voltage inherently regulated
- Built-in overload protection

Engine

- Automatic rewind starter
- Mechanical-type governor
- Austenitic steel exhaust valve



MODEL E3000

Popular-sized 120/240 volt electric power generator designed for efficiency and dependability.

STANDARD EQUIPMENT:

(Also see page 17.)

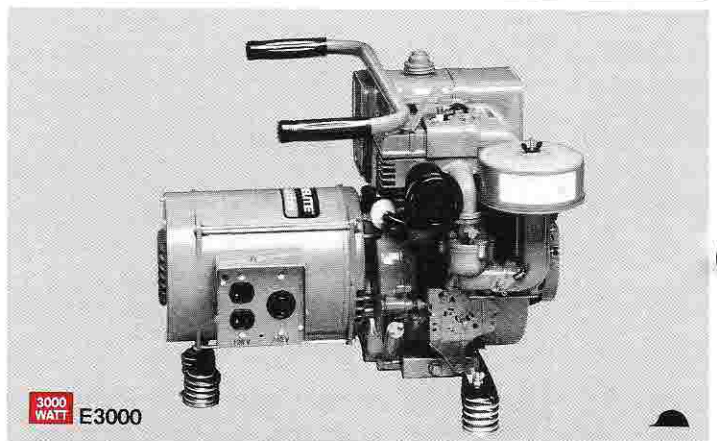
Generator

- Carrying handles with rubber grips
- Anti-vibration spring mounts

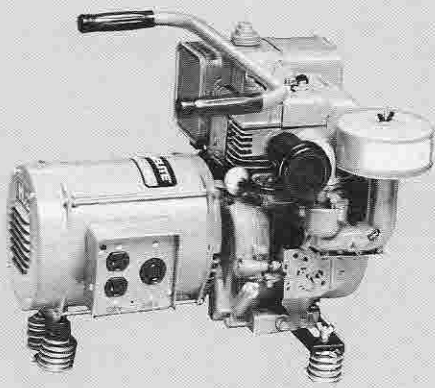
- Two 120 volt, 20 amp receptacles, NEMA-type 5-20R; one 120/240 volt, 20 amp receptacle, NEMA-type L-14-20R
- Voltage inherently regulated
- Built-in overload protection

Engine

- Automatic rewind starter
- Mechanical-type governor
- Austenitic steel exhaust valve
- Positive valve rotator with brass valve guide



MULTI-PURPOSE GENERATORS



4000
WATT E4000

MODEL E4000

Powerful and efficient, this 120/240 volt generator is perfect for a variety of light-duty applications where a maximum of 4000 watts is required.

STANDARD EQUIPMENT:

(Also see page 17.)

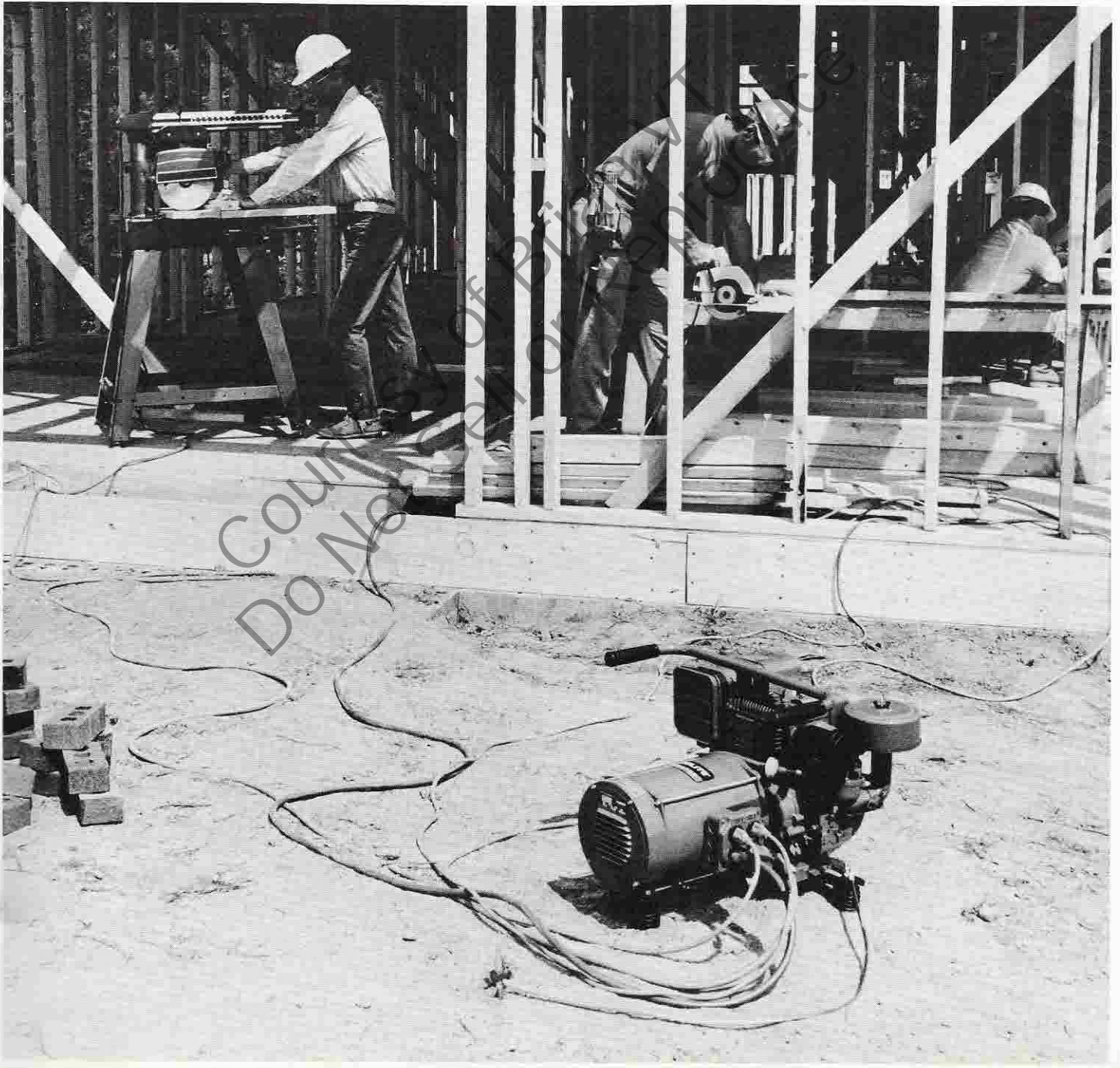
Generator

- Carrying handles with rubber grips
- Anti-vibration spring mounts

- Two 120 volt, 20 amp receptacles, NEMA-type 5-20R; one 120/240 volt, 20 amp receptacle, NEMA-type L-14-20R
- Voltage inherently regulated
- Built-in overload protection

Engine

- Automatic rewind starter
- Mechanical-type governor
- Austenitic steel exhaust valve
- Positive valve rotator with brass valve guide



HEAVY-DUTY GENERATORS

MODEL 170A15

Rugged, yet compact. Provides both 120 volts AC for operation of tools and appliances and 12 volts DC for battery charging. Ideal for the camper.

STANDARD EQUIPMENT:

(Also see page 17.)

Generator

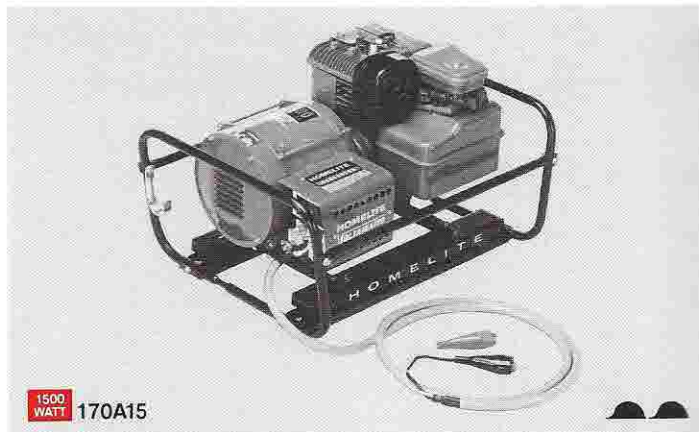
- Wrap-around carrying frame with provision for battery cable storage
- Heavy-duty skids with vibration-isolated neoprene mounts
- Voltamatic® system provides

8% voltage regulation from no-load to full-load

- Control box side-mounted with two 120 volt, 20 amp, NEMA-type 5-20R receptacles for AC output and 12 volt DC terminals with over-current protection for battery charging
- 8-foot battery cable with terminals for 12 volt DC

Engine

- Stellite exhaust valve and seat
- Positive-type valve rotator
- Automatic rewind starter
- Ball bearing on crankshaft
- Mechanical-type governor



1500 WATT 170A15

MODEL 172A20

Portable powerhouse, unmatched for its size. Ideal for the contractor using small electric tools.

STANDARD EQUIPMENT:

(Also see page 17.)

Generator

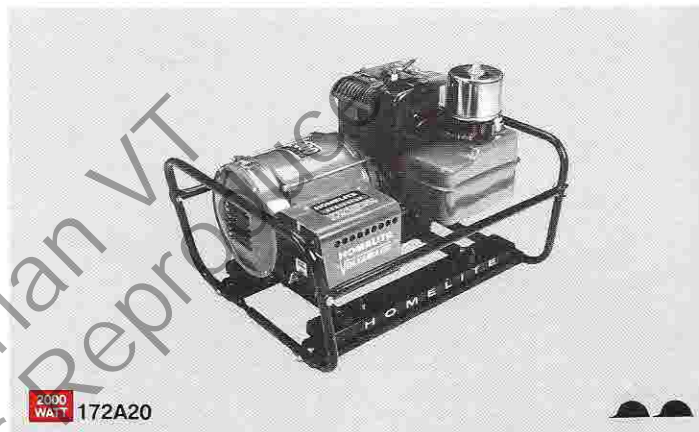
- Wrap-around carrying frame
- Heavy-duty skids with vibration-isolated neoprene mounts
- Voltamatic® system provides 4% voltage regulation from no-

load to full-load

- Control box side-mounted with two 120 volt, 20 amp, NEMA-type 5-20R receptacles

Engine

- Cast iron cylinder sleeve
- Dual-element air cleaner
- Dual ball bearings on crankshaft
- Stellite exhaust valve and seat
- Positive-type valve rotator
- Automatic rewind starter
- Mechanical-type governor
- Solid state ignition



2000 WATT 172A20

MODEL 174A27

Rugged, reliable construction. Rated for continuous service, providing dual 120/240 voltage.

STANDARD EQUIPMENT:

(Also see page 17.)

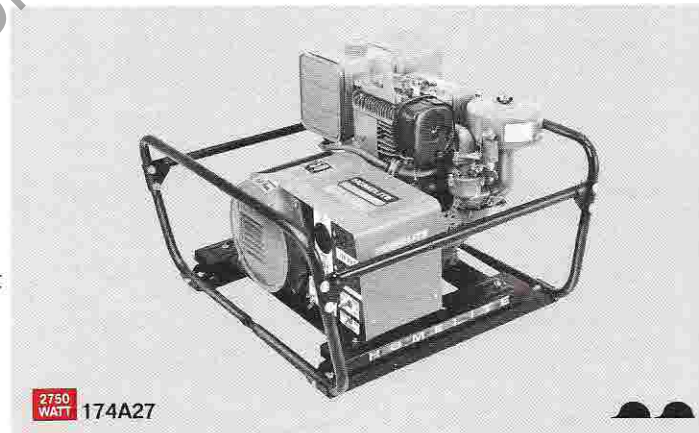
Generator

- Voltamatic® system provides 4% voltage regulation from no-load to full-load
- Loadamatic® idle control drops engine speed to idle at no-load
- Control box side-mounted with six receptacles—four 120

volt, 20 amp, NEMA-type 5-20R; one 120 volt, 30 amp, NEMA-type L5-30R; and one 120/240 volt, 20 amp, NEMA-type L14-20R. Manual and automatic switch for Loadamatic idler and 120 volt full-power switch also provided

Engine

- Stellite exhaust valve and seat
- Positive-type valve rotator with brass valve guide
- Automatic rewind starter
- Ball bearing on crankshaft
- Mechanical-type governor



2750 WATT 174A27

MODEL 176A35

The rental yard and contractor's choice. Heavy-duty construction, versatile and portable.

STANDARD EQUIPMENT:

(Also see page 17.)

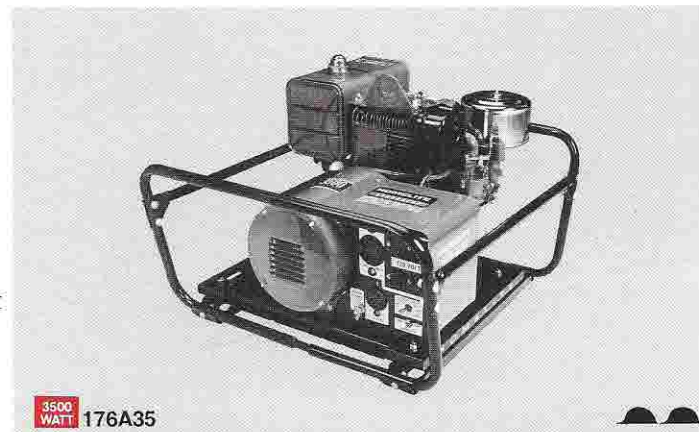
Generator

- Voltamatic® system provides 4% voltage regulation from no-load to full-load
- Loadamatic® idle control drops engine speed to idle at no-load
- Control box side-mounted with six receptacles—four 120 volt, 20 amp, NEMA-type 5-

20R; one 120 volt, 30 amp, NEMA-type L5-30R; and one 120/240 volt, 20 amp, NEMA-type L14-20R. Manual and automatic switch for Loadamatic idler and 120 volt full-power switch also provided

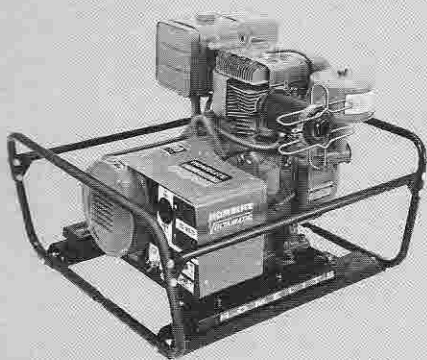
Engine

- Cast iron cylinder sleeve
- Dual-element air cleaner
- Stellite exhaust valve and seat
- Positive-type valve rotator
- Dual ball bearings on crankshaft
- Mechanical-type governor
- Solid state ignition



3500 WATT 176A35

HEAVY-DUTY GENERATORS



5000 WATT 178A50

MODEL 178A50

Dependable electric power for mobile, primary or standby service. This heavy-duty generator has all the features but is still portable and economical.

STANDARD EQUIPMENT:

(Also see page 17.)

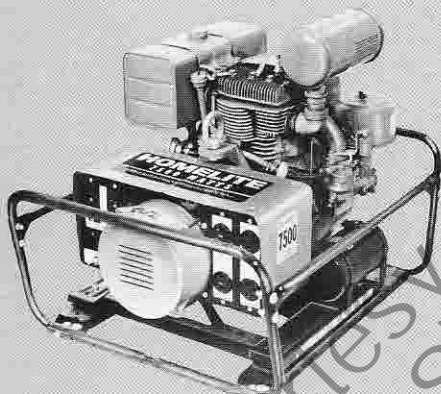
Generator

- Wrap-around carrying frame
- Heavy-duty skids with vibration-isolated neoprene mounts
- Voltamatic® system provides 4% voltage regulation from no-load to full-load
- Loadamatic® idle control drops engine speed to idle at no-load.
- Control box side-mounted

with six receptacles—four 120 volt, 20 amp, NEMA-type 5-20R; one 120 volt, 30 amp, NEMA-type L5-30R; and one 120/240 volt, 20 amp, NEMA-type L14-20R. Manual and automatic switch for Loadamatic idler and 120 volt full-power switch also provided

Engine

- Cast iron engine block
- Stellite exhaust valve and seat
- Positive-type valve rotator
- Rope pull starter
- Dual-element air cleaner
- Mechanical-type governor
- Dual ball bearings on crankshaft
- Muffler guard
- Solid state ignition



7500 WATT 180A75

MODEL 180A75

Designed to operate larger construction tools and for big standby requirements.

STANDARD EQUIPMENT:

(Also see page 17.)

Generator

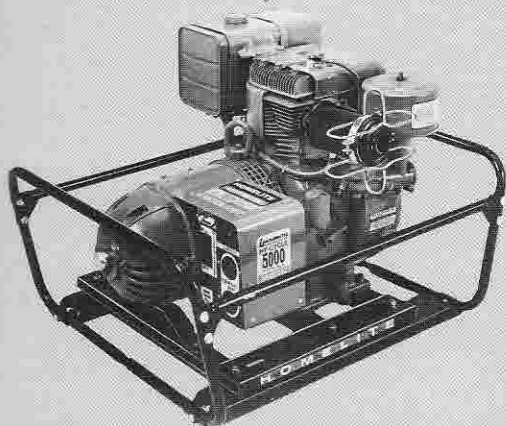
- Wrap-around carrying frame
- Heavy-duty skids with vibration-isolated neoprene mounts
- Voltamatic® system provides 4% voltage regulation from no-load to full-load
- Loadamatic® idle control drops engine speed to idle at no-load
- Control box side-mounted with eight receptacles—four 120

volt, 20 amp, NEMA-type L5-20R; two 120 volt, 30 amp, NEMA-type L5-30R; and two 120/240 volt, 30 amp, NEMA-type L14-30R. Manual and automatic switch for Loadamatic idler.

Engine

- Cast iron engine block
- Stellite exhaust valve and seat
- Positive-type valve rotator
- Two-quart reserve oil reservoir with regulator
- Rope pull starter
- Dual-element air cleaner
- Mechanical-type governor
- Dual ball bearings on crankshaft
- Muffler guard
- Solid state ignition

HIGH-CYCLE GENERATOR



5000 WATT 190HY50

MODEL 190HY50

Dual-purpose generator designed for the concrete and general contractor. Provides 180 Hz, 230 volt, 3-phase AC power for high-cycle tools, and 2500 watts of 115 volt DC power for lights and universal motor (AC/DC) electric tools.

STANDARD EQUIPMENT:

(Also see page 17.)

Generator

- Wrap-around carrying frame
- Heavy-duty skids with vibration-isolated neoprene mounts
- Loadamatic® idle control drops engine speed to idle at no-load

Control box side-mounted with two 115 volt, DC receptacles, NEMA-type 520-R, and circuit breaker protection. Two 4-wire, twist lock receptacles for 230 volt, 180 Hz, AC, 3-phase output, Harvey Hubbel No. 7410B

Engine

- Cast iron engine block
- Stellite exhaust valve and seat
- Positive-type valve rotator
- Rope pull starter
- Dual ball bearings on crankshaft
- Mechanical-type governor
- Muffler guard
- Dual-element air cleaner
- Solid state ignition

EXTRA HEAVY-DUTY GENERATORS

Designed for long-term usage where continuous running applications are required.

THE FOLLOWING FEATURES ARE STANDARD ON ALL HOMELITE® EXTRA HEAVY-DUTY 1800 RPM GENERATORS:

- Full amortisseur windings

- Skewed stator
- Balanced rotor
- Vibration isolated modular control panel
- Standard manual start models include a stop/run switch, power-on indicator light, conduit-mounting holes, recoil starter, muffler, vibration

isolators, full-power switch and one additional L5-30R receptacle

- Heavy-duty skids with vibration-isolated neoprene mounts
- Voltamatic® system provides $\pm 4\%$ voltage regulation no-load to full-load

- Standard electric start models include a start/run/off switch, battery charge rate ammeter, battery cables, battery hold-down kit, power-on indicator light, conduit-mounting holes, muffler and vibration isolators

**MODEL G3600-1A
(Manual Start)
MODEL G3600-2
(Electric Start)**

Extra heavy-duty gasoline-driven 1800 rpm generator for continuous operation. Power supplied is single phase.

STANDARD EQUIPMENT:

(Also see features above and page 17.)

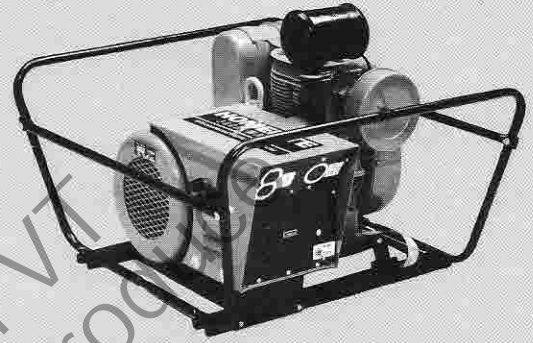
Generator

- Wrap-around carrying frame
- Vibration isolated side-mounted control cabinet with three receptacles—two 120 volt, 20 amp, NEMA-type 5-20R; one 120/240 volt, 20 amp,

NEMA-type L14-20R. Overload protected receptacles. Main line circuit breaker protects generator against burnout.

Engine

- Cast iron engine block
- Heavy-duty cartridge-type air cleaner
- Dual ball bearings on crankshaft
- Mechanical-type governor
- Hard-faced exhaust valve with valve rotator and replaceable hard exhaust valve seat inserts
- 12 volt electric starter and 7 amp battery charger (Model G3600-2)



3600 WATT G3600-1

MODEL 177D38

Diesel-powered 3600 rpm generator for long life under extra heavy-duty applications. Power supplied is single phase.

STANDARD EQUIPMENT:

(Also see features above and page 17.)

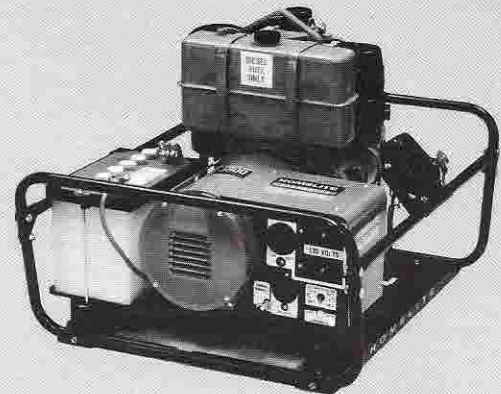
Generator

- Wrap-around carrying frame
- Control box side-mounted with six receptacles—four 120 volt, 20 amp, NEMA-type 5-20R; one 120 volt, 30 amp,

NEMA-type L5-30R; and one 120/240 volt, 20 amp, NEMA-type L14-20R. 120 volt full-power switch also provided

Engine

- Cast iron cylinder sleeve
- Electric start—rope start also included
- Manual compression release
- Oil bath air cleaner
- Forged steel crankshaft
- Gear-type oil pump
- Roller-type camshaft
- Needle crankshaft bearing
- Extra fuel device



3600 WATT 177D38

**MODEL G4800-1A
(Manual Start)
MODEL G4800-2
(Electric Start)**

Extra heavy-duty 1800 rpm generator with a long-lasting gasoline engine for the tough jobs. Power supplied is single phase.

STANDARD EQUIPMENT:

(Also see features above and page 17.)

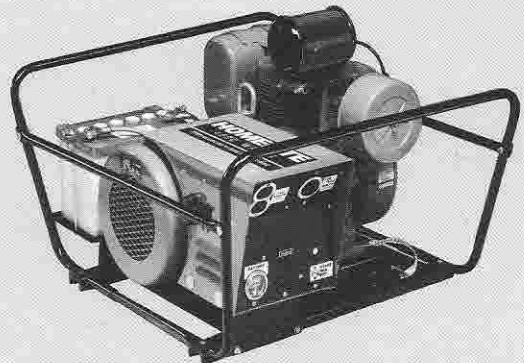
Generator

- Wrap-around carrying frame
- Vibration isolated side-mounted control cabinet with three receptacles—two 120 volt, 20 amp, NEMA-type 5-20R; one 120/240 volt, 20

amp, NEMA-type L14-20R. Overload protected receptacles. Main line circuit breaker protects against burnout.

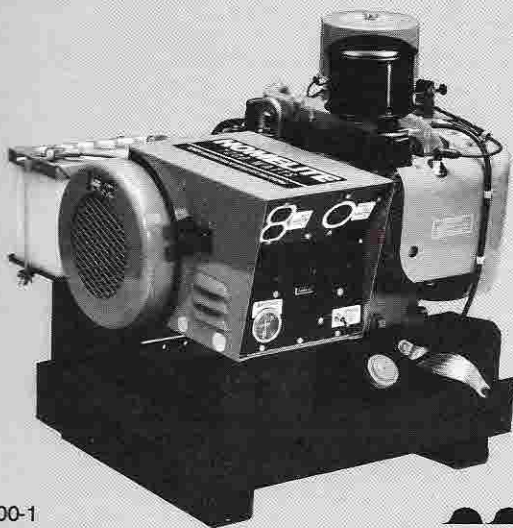
Engine

- Cast iron engine block
- Heavy-duty cartridge-type air cleaner
- Dual ball bearings on crankshaft
- Mechanical governor
- Positive valve rotators, hard-faced intake and exhaust valve, replaceable hard intake and exhaust valve seat inserts
- 12 volt electric starter and 7 amp battery charger (Model G4800-2)



4800 WATT G4800-2

EXTRA HEAVY-DUTY GENERATORS



G7200-1

**MODEL G7200-1
(Single Phase)
MODEL G7200-2
(Three Phase)**

Extra heavy-duty 1800 rpm gasoline-driven generator. Electric start standard. Single phase or three phase power available.

STANDARD EQUIPMENT:

(Also see pages 17 and 22.)

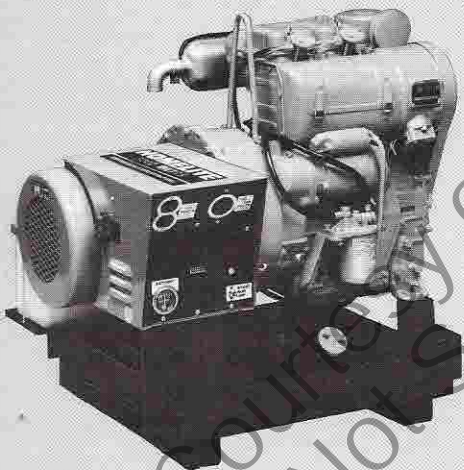
Generator

- Base-mounted 6 gallon tank
- Battery holder and cables
- Vibration isolated side-mounted control cabinet with three receptacles—two 120 volt, 20 amp, NEMA-type 5-20R; and one 120/240 volt,

30 amp, NEMA-type L14-30R single phase, or one 120/208 volt, 30 amp, NEMA-type L21-30R three phase. Overload protected receptacles. Main line circuit breaker protects generator against burnout.

Engine

- Cast iron engine block
- Heavy-duty cartridge type air cleaner
- Replaceable cartridge-type oil filter
- Ball bearing on crankshaft
- Mechanical governor
- Hard-faced exhaust valves and valve seats, positive valve rotators and replaceable hard exhaust valve seat inserts
- 7 amp, 12 volt battery charger



GD7200-1

**MODEL GD7200-1
(Single Phase)
MODEL GD7400-2
(Three Phase)**

Diesel-powered extra heavy-duty 1800 rpm generator for efficient long-term reliability. Electric start standard.

STANDARD EQUIPMENT:

(Also see pages 17 and 22.)

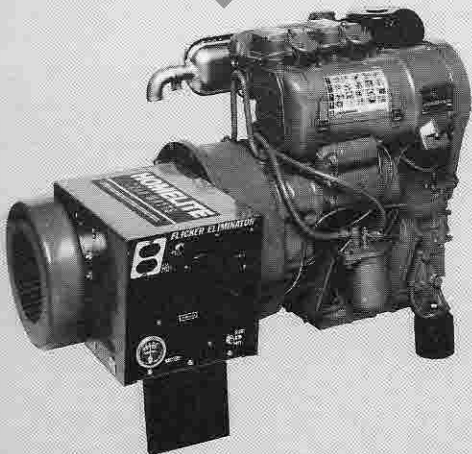
Generator

- Base-mounted 6 gallon tank
- Battery holder and cables
- Vibration isolated side-mounted control cabinet with three receptacles—two 120 volt, 20 amp, NEMA-type 5-20R; and one 120/240 volt, 30 amp, NEMA-type L14-30R single phase or one 120/208 volt, 30 amp, NEMA-type L21-30R three phase. Overload

protected receptacles. Main line circuit breaker protects generator against burnout.

Engine

- Replaceable cast iron cylinders
- 12 volt electric starter and 10.4 amp, 12 volt charger
- Manual compression release
- Oil bath air cleaner
- Forged steel crankshaft
- Pressurized oil system with oil pan oil cooler
- Precision governor for generator set use
- Oil filter and fuel filter cartridges, replaceable types
- Extra heavy flywheel for generator set use
- Fuel feeding pump with manual activator
- Muffler guard and adjustable exhaust deflector



GD7200AF-1

MODEL GD7200AF-1

Diesel-powered generator for floodlight trailer applications. Eliminates flicker. 120 volt, 60 amp single phase, 60 Hz.

STANDARD EQUIPMENT

(Also see pages 17 and 22.)

Generator

- Vibration isolated side-mounted control cabinet with two receptacles—two 120 volt 20 amp, NEMA-type 5-20R Overload protected receptacles. Main line circuit breaker protects generator against burnout.

- Terminal strip for generator load.
- Flicker eliminator ON/OFF switch with indicator light.
- Rheostat for load control.

Engine

- Same as GD7200-1 with addition of fuel pump.

EXTRA HEAVY-DUTY GENERATORS

MODEL G11800-1 (Single Phase) MODEL G12000-2 (Three Phase)

Gasoline-powered extra heavy-duty 1800 rpm generator. Electric start standard.

STANDARD EQUIPMENT:

(Also see pages 17 and 22.)

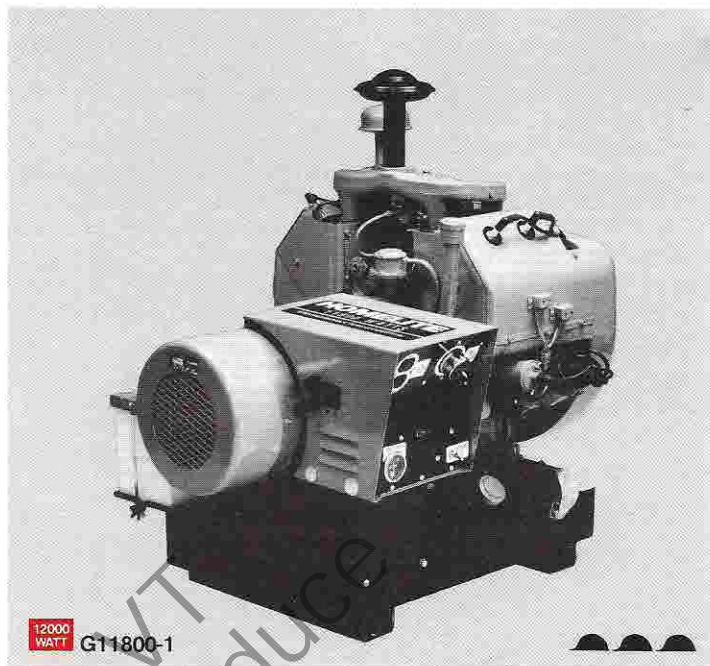
Generator

- Base-mounted 6 gallon tank
- Battery holder and cables
- Vibration-isolated side-mounted control cabinet with three receptacles—two 120 volt, 20 amp, NEMA-type 5-20R; and one 120/240 volt, 50 amp, Harvey Hubbel-type CS-9159 single phase, or one 120/208 volt, 50 amp, NEMA-

type 18-50R three phase. Overload protected receptacles. Main line circuit breaker protects generator against burnout

Engine

- Cast iron engine crankcase and nickel iron cylinders
- Heavy-duty oil bath air cleaner
- Replaceable cartridge-type oil filter
- Dual tapered roller bearings on crankshaft
- Mechanical governor
- Long-life inlet and exhaust valves and valve seat inserts. Positive-type exhaust valve rotators and replaceable-type cast iron valve guides
- 12 volt electric starter and 11 amp battery charger



MODEL GD12000-1 (Single Phase) MODEL GD12300-2 (Three Phase)

This extra heavy-duty 1800 rpm diesel-powered generator provides extremely long life under demanding continuous-running applications.

STANDARD EQUIPMENT:

(Also see pages 17 and 22.)

Generator

- Base-mounted 6 gallon tank
- Battery holder and cables
- Vibration isolated side-mounted control cabinet with three receptacles—two 120 volt, 20 amp, NEMA-type 5-20R; and one 120/240 volt, 50 amp, Harvey Hubbel-type CS-8159 single phase, or one 120/208 volt, 50 amp, NEMA-type 18-50R three phase.

Overload protected receptacles. Main line circuit breaker protects against burnout.

Engine

- Cast iron crankcase with replaceable cast iron cylinder
- 12 volt electric starter and 8.8 amp, 12 volt charger
- Manual compression release
- Oil bath air cleaner
- Forged steel crankshaft
- Pressurized oil system
- Extra fuel device for easy starting
- Precision governor for generator set use
- Oil filter and fuel filter cartridges, replaceable types
- Extra heavy flywheel for generator set use
- Fuel feeding pump with manual activator
- Muffler guard and adjustable exhaust deflector



STANDBY GENERATOR/SPECIFICATIONS



5000 WATT HSB-50

MODEL HSB-50

Designed to provide vital electric power to homes and small businesses during blackouts and brownouts. Provides comfort and economic security in the event of extended power failures. A transfer switch must be installed between the utilities meter and the fuse or circuit breaker distribution box.

STANDARD EQUIPMENT:

(Also see page 17.)

Generator

- Lockable weather-protected housing with louvers and screen for intake of cooling air and discharge of hot air and engine exhaust
- Treated wooden skid for bolting to concrete slab
- Separate compartment for battery, with hold-down brackets and battery cables
- Separate compartment for five-gallon fuel tank with quick-connect fittings and strainer
- Engine/generator compart-

- ment fitted with heat shields, air ducts and baffles; electrical junction box has terminal strip for connection by electrician
- Voltmatic® system provides 4% voltage regulation from no-load to full-load
- Control panel with manual choke, on/off switch and momentary start switch
- 30 amp outdoor-type circuit breaker to protect generator from overloads
- Six neoprene isolators

Engine

- Stellite exhaust valve and seat
- Positive-type valve rotator with brass valve guide
- Heavy-duty, dual-element air cleaner
- Mechanical governor
- Super quiet, efficient muffler
- Ren-type oil regulator with two-quart reservoir replenishes crankcase automatically
- Electric starting from 12 volt battery (provided at extra cost). Rope start also included

MULTI-PURPOSE GENERATOR SPECIFICATIONS

Model	Duty Rating Watts	Volts	Amps	Power Factor Phase	CPS or Hz.	Gen. Type	Engine Model No.	Engine Make H.P. 3600 RPM	Fuel Tank Cap.	Min. Running Time/ Tank (Hrs.)	Voltagmatic® Capacity (Gals.)	Loadomatic® Voltage Control	Carrying Device	Dimensions			Net Wt. (Lbs.)	Ship. Wt. (Lbs.)			
														L	W	H					
E1350	1350	LD	120	11.2	1	1.0	60	RF	80212	B&S 3	2 Qts.	1.52	1 1/4	No	No	Handles	18"	19"	15 1/2"	61 1/2	75
E1700	1700	LD	120	14.2	1	1.0	60	RF	100212	B&S 4	3 Qts.	1.70	1 1/4	No	No	Handles	19"	19"	17"	67	82
E2250	2250	LD	120	18.7	1	1.0	60	RF	130212	B&S 5	3 Qts.	1.39	1 1/4	No	No	Handles	20"	19"	17"	77	90
E3000	3000	LD	120/240	25.0/12.5	1	1.0	60	RF	170412	B&S 7	4 Qts.	1.97	2 1/4	No	No	Handles	23"	19"	18 1/2"	104	112
E4000	4000	LD	120/240	33.3/16.7	1	1.0	60	RF	190412	B&S 8	4 Qts.	1.15	2 1/4	No	No	Handles	24 1/4"	19"	18 1/2"	118	130

HEAVY DUTY/HIGH-CYCLE GENERATOR SPECIFICATIONS

170A15	1500	HD	120	12.5	1	1.0	60	RF	100232	B&S 4	3 Qts.	1.70	1 1/4	Yes	No	Carrying Frame	23 3/4"	20 1/2"	15 3/4"	93	110
172A20	2000	HD	120	16.7	1	1.0	60	RF	131232	B&S 5	3 Qts.	1.39	1 1/4	Yes	No	Carrying Frame	23 3/4"	18 1/2"	15 3/4"	101	115
174A27	2750	HD	120/240	22.9/11.5	1	1.0	60	RF	170432	B&S 7	6 Qts.	1.97	2 1/4	Yes	Yes	Carrying Frame	26 3/4"	26"	16 3/4"	136	167
176A35	3500	HD	120/240	29.2/14.6	1	1.0	60	RF	195432	B&S 8	6 Qts.	1.72	2 1/4	Yes	Yes	Carrying Frame	26 3/4"	26"	17 3/4"	148	170
178A50	5000	HD	120/240*	41.7/20.9	1	1.0	60	RF	243431	B&S 10	6 Qts.	1.39	4	Yes	Yes	Carrying Frame	31"	26"	23"	212	248
180A75	7500	HD	120/240	62.5/31.3	1	1.0	60	RF	326431	B&S 16	8 Qts.	1.18	8	Yes	Yes	Carrying Frame	31"	26"	25 1/4"	255	295
190HY50	5000	HD	230	12.6	3	1.0	180	RA	243431	B&S 10	6 Qts.	1.39	4	No	Yes	Carrying Frame	31"	26"	23"	215	246

STANDBY GENERATOR SPECIFICATIONS

HSB50	5000	HD	120/240	41.7/20.9	1	1.0	60	RF	252417	B&S 11	5 Gals.	4.59	7	Yes	No	Stationary	35"	36"	27"	310	310
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*RA=Rotating Armature RF=Rotating Field

GENERATOR SPECIFICATIONS

EXTRA HEAVY-DUTY GENERATOR SPECIFICATIONS

Model	Watts		Volts	Amps	Phase	Power Factor	Engine Make and HP @ 1800 RPM*	No. Cylinders	Engine Model	Method of Start	Fuel	Net Weight (Lbs.)	Overall Size			Fuel Tank Capacity				Fuel Consumption Gals. Per Hour			
	Cont.	Inter.											L	W	H	1/4	1/2	3/4	Full Load				
G3600-1A	3600	4000	120/240	15.0	1	1.0	Kohler 7.5	K301	1	Gas	Manual	266	32 $\frac{1}{2}$ "	32 $\frac{1}{2}$ "	25 $\frac{1}{4}$ "	1.5	.31	.44	.57	.75			
G3600-2	3600	4000	120/240	15.0	1	1.0	Kohler 7.5	K301	1	Gas	Electric	266	32 $\frac{1}{2}$ "	32 $\frac{1}{2}$ "	25 $\frac{1}{4}$ "	1.5	.31	.44	.57	.75			
177D38	3800	3800	120/240	15.8	1	1.0	Lombardini 8.5	530	1	Diesel	Electric	237	31 $\frac{1}{4}$ "	26 $\frac{1}{2}$ "	23"	1.2	.25	.31	.37	.47			
G4800-1A	4800	5200	120/240	20.0	1	1.0	Kohler 9.3	K341	1	Gas	Manual	321	32 $\frac{1}{2}$ "	32 $\frac{1}{2}$ "	25 $\frac{1}{4}$ "	1.5	.40	.53	.80	1.00			
G4800-2	4800	5200	120/240	20.0	1	1.0	Kohler 9.3	K341	1	Gas	Electric	321	32 $\frac{1}{2}$ "	32 $\frac{1}{2}$ "	25 $\frac{1}{4}$ "	1.5	.40	.53	.80	1.00			
G7200-1	7200	7800	120/240	30.0	1	1.0	Kohler 13.8	K582	2	Gas	Electric	416	29 $\frac{3}{16}$ "	29 $\frac{3}{16}$ "	32 $\frac{7}{8}$ "	6.0	.51	.71	.86	1.30			
G7200-2	7200	7800	120/208	25.0	3	0.8	Kohler 13.8	K582	2	Gas	Electric	416	29 $\frac{3}{16}$ "	29 $\frac{3}{16}$ "	32 $\frac{7}{8}$ "	6.0	.51	.71	.86	1.30			
GD7200-1	7200	10,100	120/240	30.0	1	1.0	Lombardini 16.3	L20	2	Diesel	Electric	625	37 $\frac{1}{2}$ "	29 $\frac{1}{2}$ "	35"	6.0	.31	.41	.62	.70			
GD7200AF-1	7200	7800	120	60.0	1	1.0	Lombardini 16.3	L20	2	Diesel	Electric	538	39 $\frac{1}{2}$ "	30"	25"	NA	.31	.41	.62	.70			
GD7400-2	7400	10,100	120/208	25.0	3	0.8	Lombardini 16.3	L20	2	Diesel	Electric	635	37 $\frac{1}{2}$ "	29 $\frac{1}{2}$ "	35"	6.0	.31	.41	.62	.70			
G11800-1	11,800	12,500	120/240	49.2	1	1.0	Wisconsin 22.5	VH4D	4	Gas	Electric	660	37 $\frac{1}{2}$ "	32"	38"	6.0	.55	.96	1.35	1.63			
G12000-2	12,000	12,800	120/208	41.7	3	0.8	Wisconsin 22.5	VH4D	4	Gas	Electric	675	37 $\frac{1}{2}$ "	32"	38"	6.0	.55	.96	1.35	1.63			
GD12000-1	12,000	14,700	120/240	50.0	1	1.0	Lombardini 23.0	L27	2	Diesel	Electric	947	36"	30"	36"	6.0	.47	.60	.65	1.05			
GD 12300-2	12,300	15,000	120/208	41.7	3	0.8	Lombardini 23.0	L27	2	Diesel	Electric	962	36"	30"	36"	6.0	.47	.60	.65	1.05			

*Model 177D38 operates at 3600 rpm

GENERATOR ACCESSORIES

A. FLOODLIGHT (A-31656-G)

Compact size (12" L x 9" W x 12 $\frac{1}{2}$ " H) and light weight (6 $\frac{1}{2}$ lbs.) make this unit ideal for outdoor use and job site application. Lamp housing is one-piece cast aluminum. Wired for 115 volt, NEMA-type plug. Heavy wire cover shields bulb to prevent breakage. Complies with OSHA safety requirements.

120 VOLT BULBS

Type	Size	Part No.
Spot	300 watt	32412
Flood	500 watt	31742
Flood	300 watt	31741

B. UNIVERSAL DOLLY (A-53421-A)

Welded steel frame mounted to steel axle. Semi-pneumatic tires. Designed to transport Homelite® generator Model 190HY50 and all Homelite® Heavy-Duty generators except Model 180A75.

C. HEAVY-DUTY DOLLY (A-46628-A)

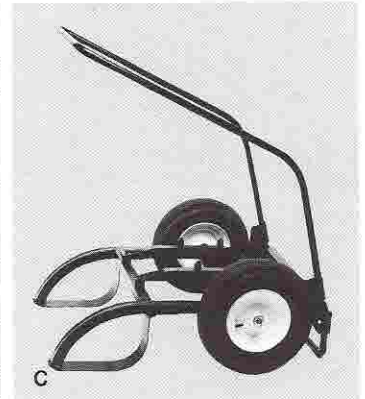
Welded tubular steel on heavy-duty axle with pneumatic tires. Fold-away handle locks unit into stable operating position. Designed for Homelite® generator Models 180A75, G3600-1 and -2, and G4800-1 and -2. With additional mounting bracket part No. A47751, it may also be used on Models G7200-1 and -2.

D. MANUAL LINE TRANSFER SWITCHES

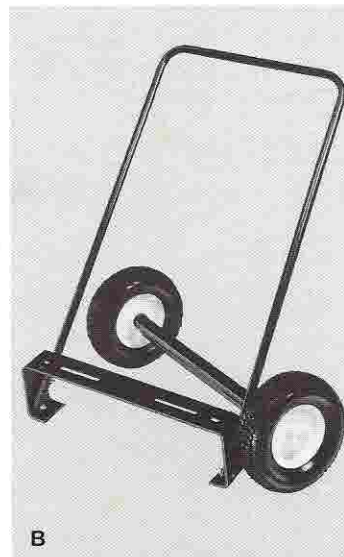
UL-listed switches used for transferring load from normal utility line to standby generator, so that generator and utility power service cannot be connected or hooked together. Should be sized to customer's incoming service amperage. Available in two sizes: 100 amp (46058) and 200 amp (46057).



A



C

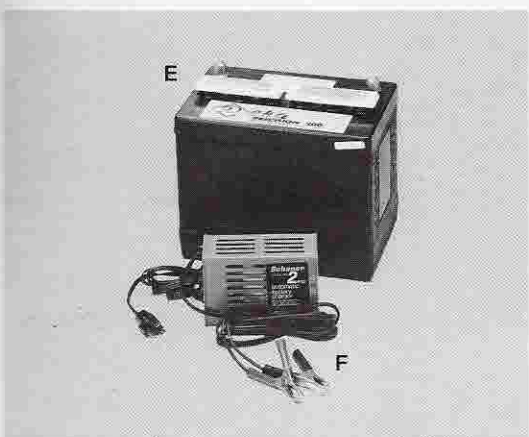


B



D

GENERATOR ACCESSORIES

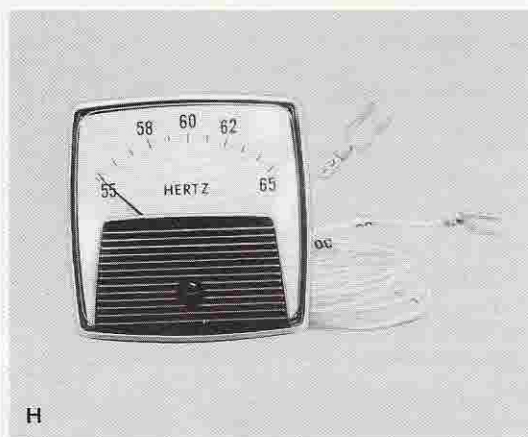


E. STARTING BATTERY (46143)

12 volt, 46 amp hour battery, size 24. Used for starting electric-start generators.

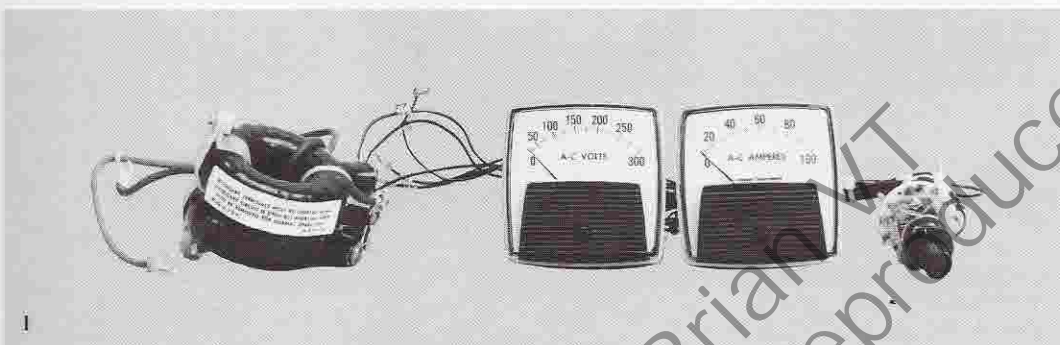
F. BATTERY CHARGER (46059)

High-quality automatic battery charger is used to maintain proper battery charge when engine-driven generator is not running. Plugs into standard 120 volt housepower receptacle.



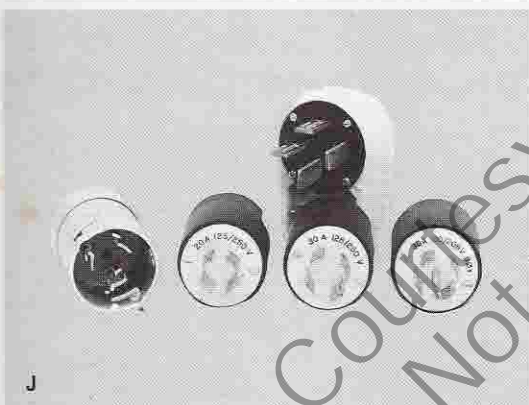
H. FREQUENCY METER KIT (A47661)

Precision pointer type frequency meter 55 to 65 Hz. For all Homelite® 1800 rpm units.



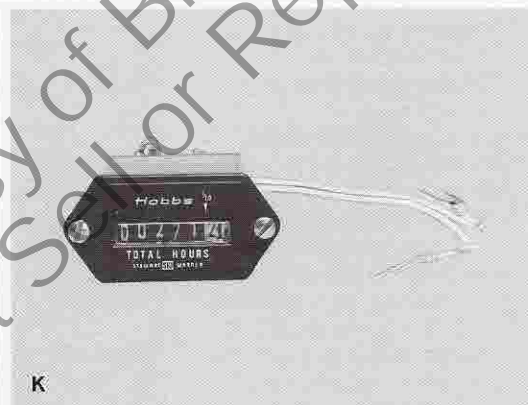
I. VOLTMETER/AMMETER KIT

Precision meter with selector switch allows reading of 120 or 240 volt generator output. For Homelite® generator Models G3600-1 and -2 and G4800-1 and -2 (A47655); Models G7200-1, GD7200-1, G11800-1, GD12000-1 (A47656); Models G7200-2 and GD7400-2 (A47657); Models G12000-2 and GD12300-2 (A47658).



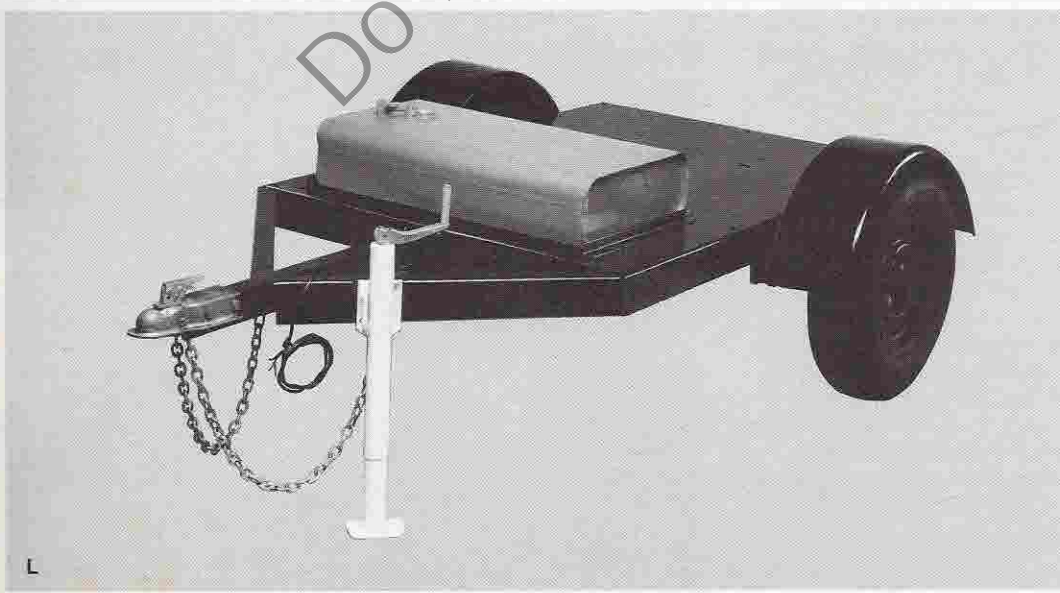
J. ELECTRICAL PLUGS

A variety of 120, 240, 120/240 and 120/208 volt plugs of NEMA configuration. Matching plugs for the receptacles are available from Homelite® Service Centers and Dealers.



K. RUNNING TIME METER (A47660)

6-digit (99,999.9) meter for recording engine-driven generator plant elapsed time. Facilitates routine maintenance scheduling. For all Homelite® 1800 rpm units.



L. HIGHWAY TRAILER (A47750)

Rated for 2000 lb. capacity. Equipped with 2" ball hitch, safety chains, screw-type kick stand, fenders, wheels and tires, leaf springs, 18-gallon mounted fuel tank with fuel gauge, fuel lines and valve, lights and wiring harness. Frame is fabricated, welded, heavy-gauge steel channel with steel deck pre-drilled. For mounting Homelite® generator Models G7200-1, G7200-2, GD7200-1, GD7400-2, G11800-1, G12000-2, GD12000-1 and GD12300-2.

HOMELITE® CHAIN SAWS

No one in the world builds more chain saws than Homelite. Or better ones. We're the recognized leader in chain saw technology, design and performance—with a record of rugged dependability that's never been seriously challenged.

There are twenty-two models in our full line, including three electrics. That's twenty-two chances to find the one saw that perfectly fits your needs.

And Homelite's advanced engineering is no less impressive. Over the years, we've developed and introduced more important innovations than any other manufacturer—many of which are still exclusive to Homelite.

ELECTRIC CHAIN SAWS

Introduced in 1978, the light weight XEL is designed for convenience and versatility. It excels at light construction duties, such as trimming board ends, or general area clean-up.

The 1.5 hp 11 amp motor starts instantly. And given the XEL's smoothness and control, plus its rough-and-ready dependability, you can work it for hours with no fear of failure.

Available in three bar lengths: 10", 12", 14". All three models feature Homelite's exclusive SAFE-T-TIP® anti-kickback device to protect you and your saw. It's the only device ever developed that virtually eliminates kickback, while protecting the chain at the nose of the saw from damage. No other electric has anything like it.

GASOLINE CHAIN SAWS

Designed for rough and rugged duty, Homelite® gasoline-powered chain saws offer a dependable, high performance line-up, ideal for clearing land, topping pilings, cutting joists and ventilation holes and rough cutting lumber.

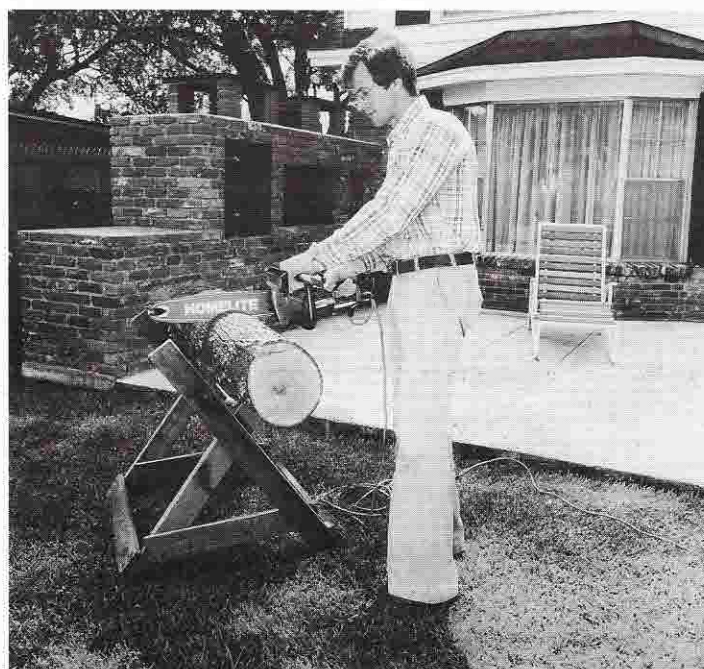
Homelite® gasoline-powered chain saws are available with a variety of guide bar lengths to help match the cutting capacity to specific jobs. The complete line allows you to match the saw to light, medium or heavy cutting uses.

Features such as front and rear handguards, grouped con-

trols, rubber-coated handle bars and grips, vibration isolation, compression release starting, balanced design and large capacity fuel and oil tanks put Homelite® chain saws among the most comfortable and convenient in the world to operate.

THE FOLLOWING FEATURES ARE STANDARD ON MANY HOMELITE GASOLINE CHAIN SAWS:

- Famous Homelite® 2-cycle engine allows positive lubrication in all positions because oil is mixed with fuel; offers high performance and long life.
- Vibration isolation reduces operator fatigue, enhances comfort.
- All position diaphragm carburetor provides constant fuel supply in all operating positions.
- Easy-to-reach controls give full control of saw to operator. Controls can be reached without removing hand from handle.
- Automatic recoil start allows easy starting
- Chain stops at idle.
- Chromed chain provides quick cutting, stays sharp longer.
- All-weather solid state ignition system provides increased performance, spark plug life and fuel economy, sure starting and less maintenance.
- Automatic chain oiling system meters adequate chain oil for cutting ease, maximum chain life and economical use.
- Manual chain oiler supplements automatic oiling system. Provides operator control of oiling system for hard woods and tough cutting situations.
- Hemi-head cylinder design for maximum power and smooth operation.
- Aluminum and magnesium diecast construction for strength and light weight.
- Softone™ dual-chamber muffler reduces the noise level—not the power level.
- Rubber-coated handle grips increase operator comfort.
- Reusable air filter—easily maintained, convenient location; can be cleaned and reused; keeps carburetor free of contaminants; extends engine life.



ELECTRIC CHAIN SAWS

■ **SAFE-T-TIP®** anti-kickback device. With the exclusive **SAFE-T-TIP®** anti-kickback device in place, your Homelite® chain saw cannot kickback because it shields the chain at the nose of the cutting bar, which is where kickback occurs. The **SAFE-T-TIP®** anti-kickback device also protects the chain at the nose of the bar from contact with dirt,

stones and other obstructions which would dull or damage the chain. Standard on all Homelite® chain saws.

■ Front hand guard standard with all chain saws

■ Five bar types:

—**Power Tip® (PT)** features a sprocket located in the tip of the bar to extend life of bar and chain. Increases cutting power up to 20%.

—**Gas Welded (GW)** features a specially heat-treated hard tip. Well suited for rugged cutting applications.

—**Sprocket Tip (ST)** features a replaceable sprocket tip which increases cutting power and extends bar and chain life.

—**Hard Track (HT)** combines Homelite's standard features in an economical,

long-lasting steel bar.

—**Electra (NE)** is specifically designed for Homelite® electric chain saws.

■ Variety of bar lengths allows operator to match bar length to power available and cutting needs

■ Homelite® gasoline chain saws conform to the Occupational Safety and Health Act (OSHA) requirements.

THE FOLLOWING FEATURES ARE STANDARD ON ALL HOMELITE® ELECTRIC CHAIN SAWS:

- Double insulated
- 1.5 hp. 11 amp motor

- Push-button manual chain oiler for longer chain life
- Quality ball-and-sleeve bearing construction eliminates need for lubrication
- Inspection window to check chain oil level

- Built-in front and rear hand guard
- Built-in bumper spike
- Lightweight for easy handling
- Meets OSHA requirements
- **SAFE-T-TIP®** anti-kickback device



XEL 10"

MODEL XEL 10"

Homelite's smallest chain saw. Weighs only 8.6 lbs. for easy cutting without fatigue.

STANDARD EQUIPMENT:

- (Also see features listed above.)
- Electra guide bar
 - Easy-grip handle



XEL 12"

MODEL XEL 12"

Designed to power through a normal day's work without stopping. A quiet, reliable electric.

STANDARD EQUIPMENT:

- (Also see features listed above.)
- Electra guide bar and chromed chain
 - Full wrap-around handle bar
 - Built-in chain tensioning device
 - Slip clutch



XEL 14"

MODEL XEL 14"

Our top-range XEL. Smooth operation with power to spare for cutting and trimming large logs. Rugged, dependable, it will give years of hard use.

STANDARD EQUIPMENT:

- (Also see features listed above.)
- Electra guide bar and chromed chain
 - Full wrap-around handle bar
 - Built-in chain tensioning device
 - Slip clutch

GASOLINE CHAIN SAWS

LIGHT-DUTY GASOLINE CHAIN SAWS

Ideal for occasional use

around the home or light commercial use, these chain saws are lightweight and easy to handle. Popular with first-time

purchasers, they are excellent choices for most homeowners. Homelite® light duty chain saws can be used for limbing, pruning

and felling small trees. When used and maintained properly, these chain saws will provide years of trouble-free service.

MODEL XL® – 10" AND 12"

Hemi-head, 2 cycle, 1.6 cu. in. engine powers Homelite's lightest weight, lowest price gasoline saw. Mineral reinforced housings keep weight to a minimum and strength to a maximum. Weighs only 8.2lbs.

STANDARD EQUIPMENT:

(Also see page 28.)

- Hard Track guide bar
- 375 or 37 series chain
- Automatic chain oiling
- CD ignition



XL

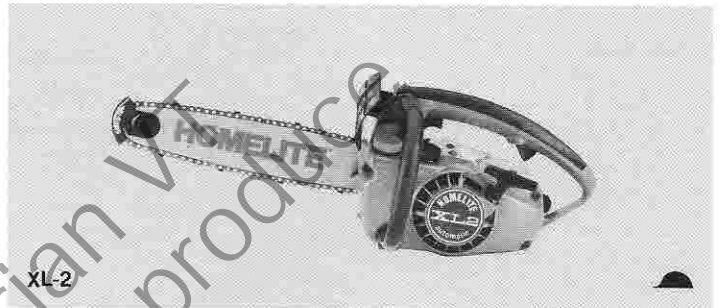
MODEL XL®-2 – 12"

Hemi-head, 1.6 cu. in., 2-cycle engine powers this lightweight model. Balanced design allows maximum cutting efficiency.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip® guide bar
- 375 or 37 series chromed chain
- Dual trigger throttle
- Automatic chain oiler
- Deluxe rubber-coated handlebar
- CD ignition



XL-2

MODEL SUPER 2 – 14" AND 16"

Twenty percent more power than the XL or XL-2. 1.9 cu. in. 2-cycle engine provides plenty of power for trees or timber. Balanced design includes Twin Trigger® control.

STANDARD EQUIPMENT

(Also see page 28.)

- Power Tip® guide bar
- 375 or 37 series chromed chain
- Deluxe rubber-coated handlebar
- Automatic chain oiler
- Dual trigger throttle
- CD ignition



SUPER 2

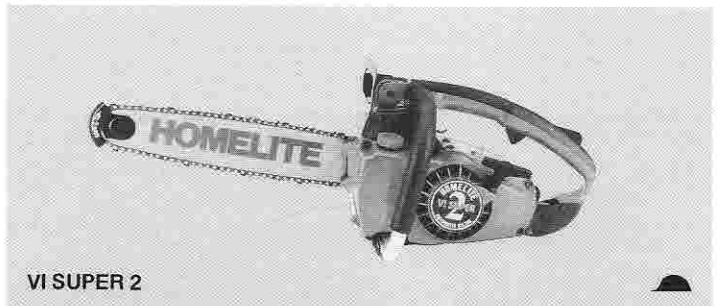
MODEL VI SUPER 2 – 16"

Deluxe features make this saw ideal for extended use and maximum operator comfort and control. 1.9 cu. in. engine is isolated from the handlebar assembly by Homelite's vibration isolation system. Engine vibrations are effectively dampened before they reach the operator.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip® guide bar
- 375 or 37 series chromed chain
- Anti-vibration system
- Deluxe rubber-coated handlebar
- Automatic chain oiler
- CD ignition



VI SUPER 2

GASOLINE CHAIN SAWS

HEAVY-DUTY GASOLINE CHAIN SAWS

These chain saws are designed for use where larger trees are to be felled and large amounts of firewood are cut regularly.

These dependable chain saws combine the convenience and ease of use of the light duty models with the rugged construction and features demanded by the profes-

sionals. Light enough for use around the home, they're powerful and reliable enough for the deep forest.

These chain saws are particularly popular with active

woodcutting homeowners, professional tree services, farmers and others who need the dependability of a professional chain saw in a lightweight package.



240

MODEL 240—14", 16", 18"

Packed with power and performance features, this lightweight model has a rugged 2.4 cu. in. engine to handle a wide variety of cutting needs. Balanced design and vibration isolation provide operator comfort. Automatic chain oiling adds to bar and chain life.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip guide bar
- 375 or 37 series chromed chain
- Vibration isolation
- Automatic chain oiling
- Solid state ignition



150AO

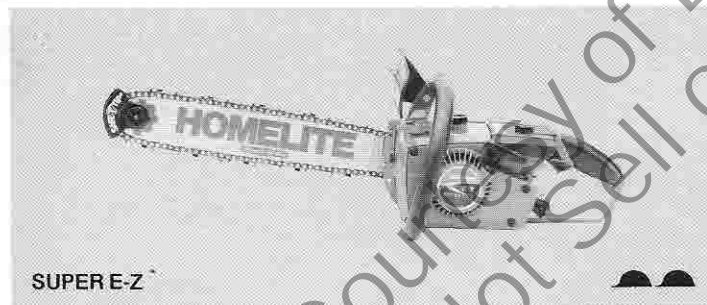
MODEL 150AO—16"

Powered by a loop scavenged hemi-head, 2-cycle engine. Large capacity fuel and oil tanks for fewer fill-ups on the job. Design allows optimum balance for maximum cutting efficiency.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip® guide bar
- 38 series chromed chain
- Throttle latch
- Automatic chain oiler
- Vinyl-coated handle bar
- Solid state ignition



SUPER E-Z

MODEL SUPER E-Z®-AO—16"

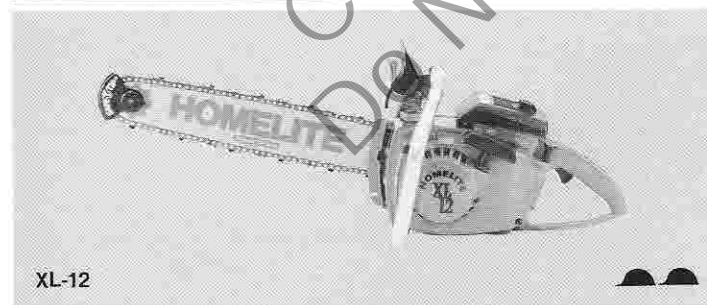
Homelite's midrange line performance leader. 2.5 cu. in. hemi-head engine provides powerful cutting capacity. Features automatic and manual chain oiling for all conditions.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip® guide bar

- 38 series chromed chain
- Thick, rubber-coated handlebar and grip
- Simplex™ starter system includes throttle latch and compression release
- Conveniently located reusable air filter
- Automatic chain oiling with manual override system
- Solid state ignition



XL-12

MODEL XL®-12—16"-24"

This dependable workhorse has a 3.3 cu. in., 2-cycle engine. Lightweight (13.4 lbs. less bar and chain) means this saw is easy to handle, yet it has proven its reliability many times, with over one million units now in use.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip® Gas Welded and Sprocket Tip guide bars
- 38 series chromed chain
- Manual chain oiling system
- Throttle latch
- Conveniently located reusable air filter
- Solid state ignition



SUPER XL

MODEL SUPER XL®-AO—16"-24"

Deluxe version of XL-12 includes powerful 3.5 cu. in. engine for fast cutting. Larger fuel and oil capacity extend cutting time. Many bar sizes are available for all cutting jobs. An ideal chain saw for farmers and contractors.

STANDARD EQUIPMENT:

(Also see page 28.)

- Gas Welded, Power Tip® and Sprocket Tip guide bars
- 38 series chromed chain
- Automatic chain oiling system with manual override
- Throttle latch
- Conveniently located reusable air filter
- Solid state ignition

GASOLINE CHAIN SAWS

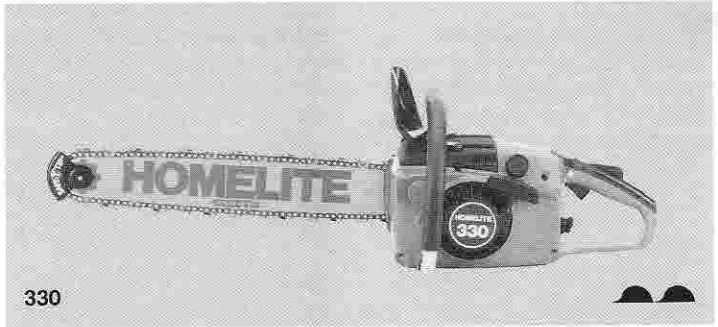
MODEL 330—16"-24"

Designed to provide ease of handling under a wide variety of cutting conditions, this mid-range saw features a powerful 3.3 cu. in. engine. It's light in weight with a professional design that incorporates the most up-to-date features with built-in performance and reliability.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip,[®] Gas Welded and Sprocket Tip guide bars
- Vibration isolation
- Automatic chain oiling
- Professional style front and rear handguards
- CD ignition
- Multi-chamber Softone[™] muffler

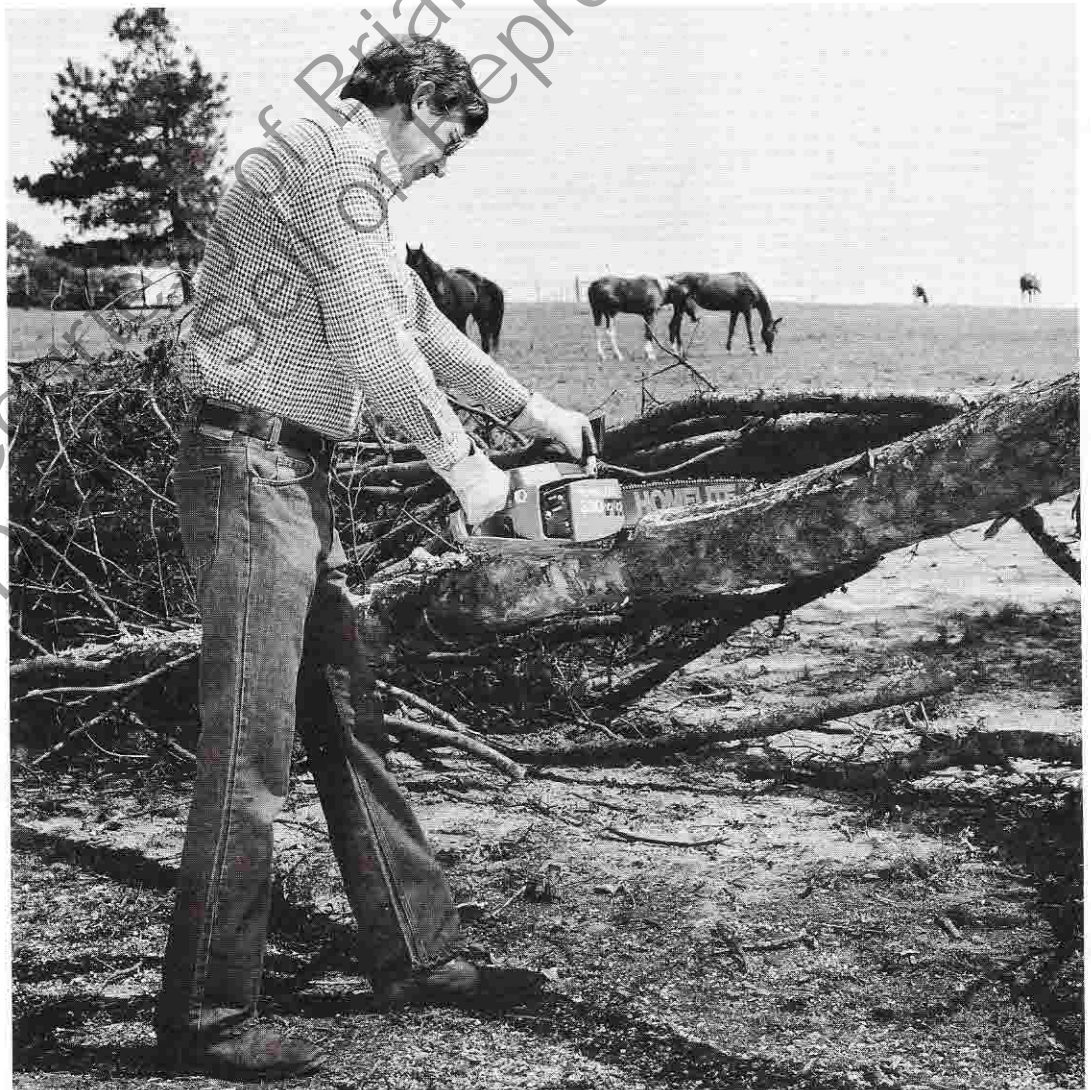


MODEL 360-AO—16"-28"

Built for maximum production and minimum fatigue, this high-speed saw offers the professional 3.5 cubic inches of cutting power. Advanced design is loaded with features that improve efficiency, comfort, performance and convenience.

STANDARD EQUIPMENT:

- Power Tip,[®] Gas Welded and Sprocket Tip guide bars
- 38 series chromed chain
- Vibration isolation
- CD ignition
- Deluxe, thick rubber-coated handle bar and grip
- Throttle latch
- Conveniently located reusable air filter
- Dual chamber Softone[™] muffler



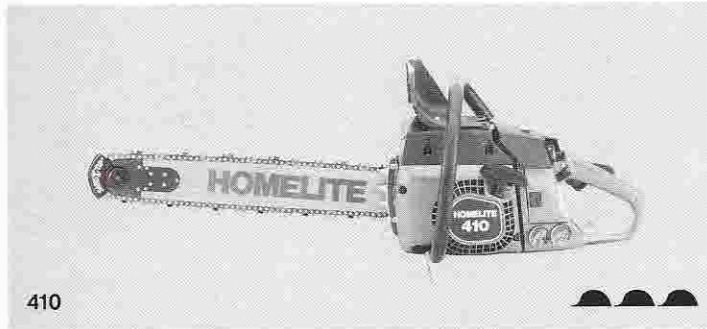
GASOLINE CHAIN SAWS

EXTRA HEAVY-DUTY GASOLINE CHAIN SAWS

This group includes both direct and gear-drive models.

Intended for the big cutting jobs, engine sizes range up to

6.8 cubic inches with interchangeable bar lengths.



410

MODEL 410—16"-31"

This precision-balanced, professional chain saw is designed to provide exceptional handling, power and reliability with a rugged 4.1 cu. in. engine. It also features extremely low vibration and noise levels for greater comfort. Strategic placement of engine components allows easy maintenance.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip[®], Gas Welded and Sprocket Tip guide bars
- Vibration isolation
- CD ignition
- Automatic/manual oiler
- Three-piece lined clutch
- Front discharge, downdraft muffler



550

MODEL 550—16"-36"

5.1 cu. in. hemi-head, low vibration powerhouse. This high production chain saw weighs just 17.8 lbs. (less bar and chain). Advanced, balanced design makes for comfortable cutting during high production periods.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip[®], Gas Welded and Sprocket Tip guide bars
- Choice of 38 or 40 series chromed chain
- Five vibration isolators
- CD ignition
- Automatic/manual oiler
- Deluxe, thick rubber-coated handle bar and grip
- Three-piece lined clutch



750

MODEL 750—20"-43"

The largest, strongest professional saw Homelite[®] has ever made. With 6.8 cu. in. of power, this saw is ready to tackle the toughest cutting jobs. Flush cut handle bar model available (750E).

STANDARD EQUIPMENT:

(Also see page 28.)

- Gas Welded and Sprocket Tip guide bars

- Automatic/manual oiler
- Vibration isolation with captive mount shock absorbers
- CD ignition
- Deluxe, thick rubber-coated handle bar and grip
- Throttle latch with automatic compression release
- Softone[™] muffler with spark arrestor
- Three-piece lined clutch



C-72

MODEL C-72—16"-30"

This rugged saw boasts 4.9 cu. in. of power. Built for heavy-duty use and dependable performance, the C-72 is a time-proven professional.

STANDARD EQUIPMENT:

(Also see page 28.)

- Power Tip[®], Gas Welded and Sprocket Tip guide bars
- Choice of 38 or 40 series chromed chain
- Bumper spike
- All-weather ignition
- Throttle latch
- Rubber-coated handle bar
- Manual chain oiling system



SUPER XL-925

MODEL SUPER XL[®]-925—16"-36"

Get 5.0 cu. in. of real cutting and lugging power from this hemi-head saw. Dependable 2-cycle engine is ideal for the heaviest, most strenuous cutting situations.

STANDARD EQUIPMENT:

(Also see page 28.)

- Gas Welded, Power Tip[®] and Sprocket Tip guide bars
- Choice of 38 or 40 series chromed chain
- Manual and automatic chain oiling system
- Throttle latch
- CD ignition
- Three-piece centrifugal lined clutch

GASOLINE CHAIN SAWS

MODEL SUPER 1050— 23"-60"

Combines powerful engine torque and heavy duty reliability. Specially designed for rugged, high production professional logging operations.

STANDARD EQUIPMENT:

(Also see page 28.)

- Gas Welded guide bar
- 40 series chromed chain
- Manual and automatic chain oiling system
- All-weather ignition
- Bumper spike
- Throttle latch
- Rubber-coated handle bar



SUPER 1050

MODEL SUPER WIZ 66— 19"-37"

Large 4.7 cu. in. gear drive chain saw, designed to handle the toughest professional jobs.

STANDARD EQUIPMENT:

(Also see page 28.)

- Gas Welded guide bar
- 50 series chromed chain
- Manual chain oiling system
- All-weather ignition
- Bumper spike
- Throttle latch
- Heavy-duty aluminum handlebar



SUPER WIZ 66

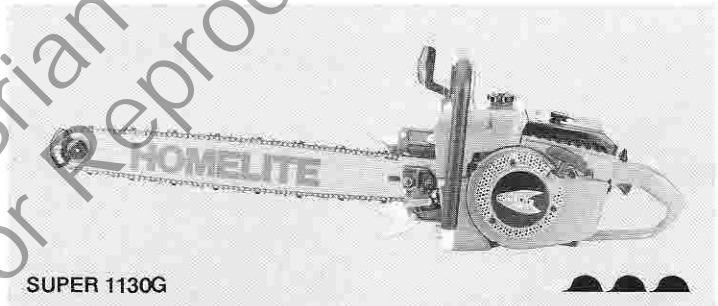
MODEL SUPER 1130G— 19"-60"

Homelite's most powerful gear-drive saw (3:1 ratio), capable of handling bars 6' in length. Powered by a 6.1 cu. in. engine with all-position carburetor.

STANDARD EQUIPMENT:

(Also see page 28.)

- Gas Welded guide bar
- 50 series chromed chain
- Manual and automatic chain oiling system
- All-weather ignition
- Bumper spike
- Throttle latch
- Rubber-coated handle bar



SUPER 1130G



CHAIN SAW SPECIFICATIONS

ELECTRIC CHAIN SAW SPECIFICATIONS

Model	Chain Oiling*	Bar Size	Bar Type	Homelite® Chain Series	Amperage	Chain Oil Capacity	SAFE-T-TIP® anti-kickback device	Dry Weight (Lbs.)	Shipping Wt. (Lbs.)
XEL 10"	M	10"	Electra	375 or 37	11 amp	4 Oz.	Standard	8.6	11
XEL 12"	M	12"	Electra	375 or 37	11 amp	4 Oz.	Standard	9.6	12
XEL 14"	M	14"	Electra	375 or 37	11 amp	4 Oz.	Standard	9.9	13

*M = Manual

LIGHT-DUTY GASOLINE CHAIN SAW SPECIFICATIONS

Model	Chain Oiling*	Bar Sizes	Bar Type	Homelite® Chain Series	Engine Displacement	Ignition Type	Chain Oil Capacity	Fuel Oil/Mix Capacity	SAFE-T-TIP® anti-kickback device	Dry Weight (Lbs.)	Ship. Weight (Lbs.)
XL	A	10" & 12"	HT	375 or 37	1.6 C.I.	Capac. Disc.	6.1 Oz.	8.5 Oz.	Std.	8.2	10
XL-2	A	12"	PT	375 or 37	1.6 C.I.	Capac. Disc.	6.1 Oz.	8.5 Oz.	Std.	8.9	10
Super 2	A	14" & 16"	PT	375 or 37	1.9 C.I.	Capac. Disc.	6.1 Oz.	8.5 Oz.	Std.	8.14	12
VI Super 2	A	16"	PT	375 or 37	1.9 C.I.	Capac. Disc.	7.3 Oz.	10.0 Oz.	Std.	10.7	13

HEAVY-DUTY GASOLINE CHAIN SAW SPECIFICATIONS

240	A	14", 16" & 18"	PT	375 or 37	2.4 C.I.	Solid State	7.2 Oz.	14.7 Oz.	Std.	9.7	15
150AO	A	16"	PT	38	2.6 C.I.	Solid State	8.0 Oz.	16.0 Oz.	Std.	11.2	16
SEZ-AO	A/M	16"	PT	38	2.5 C.I.	Solid State	4.2 Oz.	14.3 Oz.	Std.	11.1	18
XL-12	M	16" to 24"	PT, GW SP	38	3.3 C.I.	Solid State	2.8 Oz.	20.1 Oz.	Std.	13.2**	16
SXL-AO	A/M	16" to 24"	PT, GW SP	38	3.5 C.I.	Solid State	5.0 Oz.	24.2 Oz.	Std.	14.0**	17
330	A	16" to 24"	PT, GW SP	38	3.3 C.I.	Capac. Disc.	8.0 Oz.	16.0 Oz.	Std.	12.5**	16*
360-AO	A	16" to 28"	PT, GW SP	38	3.5 C.I.	Capac. Disc.	10.1 Oz.	23.3 Oz.	Std.	13.2**	18

EXTRA HEAVY-DUTY GASOLINE CHAIN SAW SPECIFICATIONS

410	A/M	16" to 31"	PT, GW SP	38/40	4.1 C.I.	Capac. Disc.	12.0 Oz.	24.0 Oz.	Std.	15.5**	18
550	A/M	16" to 36"	PT, GW SP	38/40	5.1 C.I.	Capac. Disc.	17.0 Oz.	31.0 Oz.	Std.	17.8**	22
750	A/M	20" to 43"	GW SP	38/40	6.8 C.I.	Capac. Disc.	18.0 Oz.	42.0 Oz.	Std.	23.1**	29
C-72	M	16" to 30"	PT, GW SP	38/40	4.9 C.I.	All Weather	8.0 Oz.	40.0 Oz.	Std.	19.0**	23
SXL-925	A/M	16" to 36"	PT, GW SP	38/40	5.0 C.I.	Capac. Disc.	12.2 Oz.	34.3 Oz.	Std.	16.7**	22
Super 1050	A/M	23" to 60"	GW	40	6.1 C.I.	All Weather	7.7 Oz.	49.3 Oz.	Std.	21.2**	26
SWIZ66	M	19" to 37"	GW	50	4.7 C.I.	All Weather	7.0 Oz.	53.0 Oz.	Std.	22.1**	27
S1130G	A/M	19" to 60"	GW	50	6.1 C.I.	All Weather	10.0 Oz.	46.8 Oz.	Std.	26.0**	32

*A=Automatic M=Manual A/M=Automatic & Manual

**Less bar and chain

*With 16" guide bar

†With 20" guide bar

CHAIN SAW ACCESSORIES

GUIDE BARS

Homelite® guide bars are available in five types, GW (gas welded), SP (sprocket tip), PT (Power Tip®), HT (hard track) and NE (electra). All bars are designed to reduce friction and deliver increased performance to the cutter teeth. Induction hardened rails give longer bar life and smoother cutting. Low profile design reduces weight and pinching. The SP and PT guide bars utilize a sprocket nose which lifts the cutter and side links off the rails at the nose and lowers them back on

the other side. This design eliminates high sliding friction on the nose and yet maintains proper drive tang tracking in the nose groove without chatter.

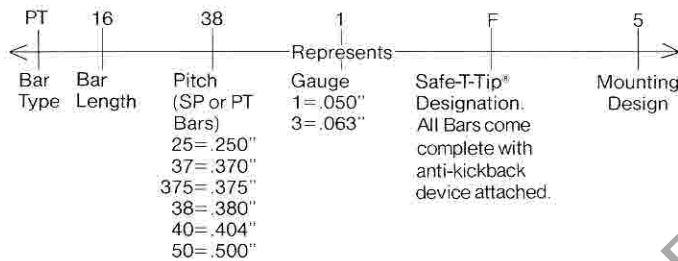
Sprocket bearings are heat treated for long life. Design provides 20% more power than other types of bars, and reduces chain stretch and bottom wear, permitting tighter chain tensioning. Sprocket nose assemblies on the SP bars are easily interchanged for different pitched chain by simply removing the heavy-

duty rivets, and replacing the nose assembly. Homelite® PT bars use dual flush bar side plates for support and align-

ment of guide bar and chain. Electra bars are designed specifically for Homelite® electric chain saws.

IDENTIFYING HOMELITE® GUIDE BARS

Example: PT16381-F5



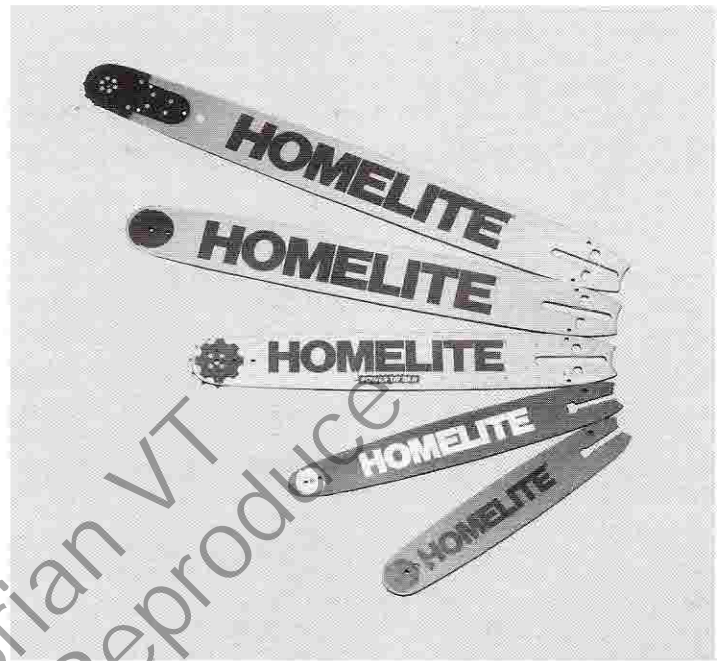
SAW CHAIN

High speed Homelite® saw chain uses pre-sharpened cutters, designed for less drag, decreased bar pressure, long cutter life and smoother cutting and boring. Tie straps and drive links are tempered alloy

steel which reduces stretch and adds strength. The cutter profile gives smooth cutting. Homelite® saw chain has superior self-feeding action and ready-to-use, out-of-box sharpness. Available in a variety of loop sizes, gauge and pitch.

IDENTIFYING HOMELITE SAW CHAIN

Example: 37-C50-53



REPLACEMENT CHAIN & GUIDE BAR SELECTION GUIDE

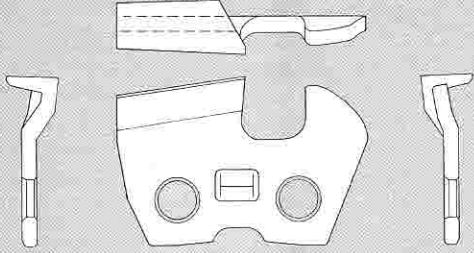
Model	Bar Size	Bar Number	Chain Number
XEL	10"	NE10001-F4	R375-N50-42
	12"	NE12001-F4	R375-C50-48
	14"	NE14001-F4	R375-C50-53
	16"	NE16001-F4	R375-C50-59
XL	10"	HT10001-F4	R375-N50-42
	12"	HT12001-F4	R375-N50-48
XL-2	12"	PT12371-F4	R375-C50-48
	14"	PT14371-F4	R375-C50-53
Super 2	14"	PT14371-F4	R375-C50-53
	16"	PT16371-F4	R375-C50-59
VI Super 2	14"	PT14371-F4	R375-C50-53
	18"	PT18371-F4	R375-C50-64
150 AO	16"	PT16381-F3	38-M50-59
SEZ-AO	16"	PT16381-F3	38-M50-59
XL-12	16"	PT16381-F5	38-M50-59
		GW16001-F5	38-M50-59
SXL-AO	20"	SP16381-F5	38-M50-59
		PT20381-F5	38-M50-70
		GW20001-F5	38-M50-70
		SP20381-F5	38-M50-70
		GW24001-F5	38-M50-81
	24"	PT24381-F5	38-M50-81
		SP24381-F5	38-M50-81
		GW24001-F5	38-M50-81
		SP24381-F5	38-M50-81
		GW30001-F5	38-M50-92

330	16"	PT16381-F5	38-M50-59
330SL	16"	GW16001-F5	38-M50-59
360 AO	16"	PT16381-F5	38-M50-59
		GW16001-F5	38-M50-59
		SP16381-F5	38-M50-59
		SP20381-F5	38-M50-70
360 W	20"	PT20381-F5	38-M50-70
		GW20001-F5	38-M50-70
360 SL	20"	PT20381-F5	38-M50-70
		GW24001-F5	38-M50-81
410	16"	PT16381-F5	38-L50-59
		GW16001-F5	38-L50-59
	20"	PT20381-F5	38-L50-70
		GW20001-F5	38-L50-70
24"	PT24381-F5	38-L50-81	
	GW24001-F5	38-L50-81	
28"	28"	SP28381-F5	38-L50-92
		GW30001-F5	38-L50-98
	31"	SP31403-F2	40-L63-94
		SP36403-F2	40-L63-94

550	16"	PT16381-F5	38-L50-59
		GW16001-F5	38-L50-59
		SP16381-F5	38-L50-59
		GW20001-F5	38-L50-70
550W	20"	PT20381-F5	38-L50-70
		GW20001-F5	38-L50-70
		SP20381-F5	38-L50-70
		PT24381-F5	38-L50-81
550SL	24"	GW24001-F5	38-L50-81
		SP24381-F5	38-L50-81
		SP28381-F5	38-L50-92
		GW30001-F5	38-L50-98
SXL-925	16"	PT16381-F5	38-L50-59
		GW16001-F5	38-L50-59
		SP16381-F5	38-L50-59
		PT20381-F5	38-L50-70
SXL-925-W	20"	SP20381-F5	38-L50-70
		PT24381-F5	38-L50-81
		GW24001-F5	38-L50-81
		SP24381-F5	38-L50-81
28"	28"	SP28381-F5	38-L50-92
		GW30001-F5	38-L50-98
	31"	SP31403-F2	40-L63-94
		SP36403-F2	40-L63-107

750	20"	GW20003-F2	40-M63-64
		SP20381-F5	38-L50-70
		GW24003-F2	40-M63-74
		SP24381-F5	38-L50-81
		SP28381-F5	38-L50-92
		GW30003-F2	40-M63-99
		SP31403-F2	40-M63-94
		SP36403-F2	40-M63-107
		SP43403-F2	40-M63-123
		S1050 AO	23"
GW27003-F1	40-M63-82		
GW32003-F1	40-M63-94		
GW37003-F1	40-M63-107		
GW43003-F1	40-M63-123		
GW50003-F1	40-M63-139		
SWIZ 66	19"	GW19003-F1	50-C63-51
		GW23003-F1	50-C63-58
		GW27003-F1	50-C63-67
		GW32003-F1	50-C63-76
S1130 G	19"	GW19003-F1	50-C63-51
		GW23003-F1	50-C63-58
		GW27003-F1	50-C63-67
		GW32003-F1	50-C63-76
		GW37003-F1	50-C63-87
		GW43003-F1	50-C63-100
C72	16"	PT16381-F5	38-L50-59
		GW16001-F5	38-L50-59
		SP16381-F5	38-L50-59
		PT20381-F5	38-L50-70
20"	20"	GW20001-F5	38-L50-70
		SP20381-F5	38-L50-70
	24"	PT24381-F5	38-L50-81
		GW24001-F5	38-L50-81
28"	28"	SP28381-F5	38-L50-92
		GW30001-F5	38-L50-98
	30"	SP36403-F2	40-L63-107
		GW30001-F5	38-L50-98

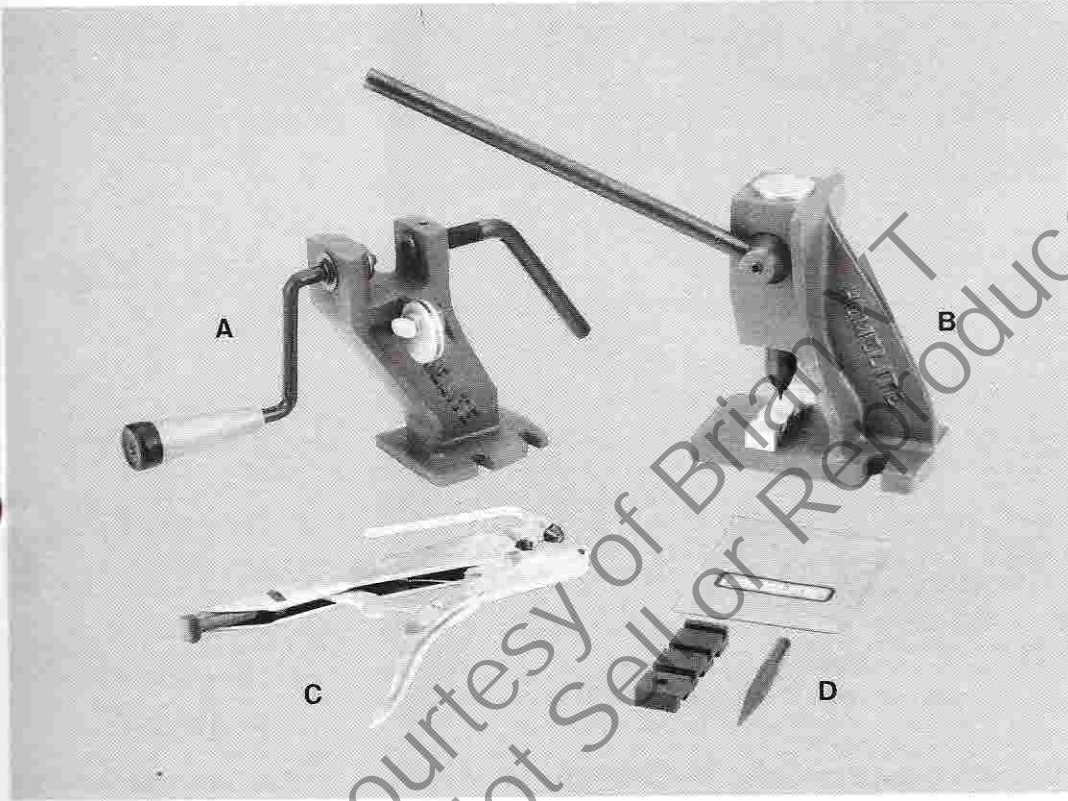
CHAIN SAW ACCESSORIES



HOMELITE® 38 SERIES CHISEL CHAIN

The unique design provides less resistance for faster cutting action. A layer of extra hard industrial chromium maintains a long-lasting, razor-sharp edge. The chisel chain's high tolerance to round file sharpening provides a longer chain life.

Length	Part No.	Chain No.
16"	J1-92059-E	38-L50-59
20"	J1-92070-E	38-L50-70
24"	J1-92081-E	38-L50-81
Reels		
25'	J1-92225-E	38-L50-R25
100'	J1-92300-E	38-L50-R100



CHAIN REPAIR TOOLS

Accept 1/4", .325", .375", 3/8", .404" and 1/2" saw chain.

A. BENCH RIVET SPINNER
Ideal for pre-setting and forming rivet heads, manufacturing or repairing saw chain loops in the shop. (Part No. A-17163)

B. BENCH CHAIN BREAKER
For easy removal of rivets. Bracket allows secure bench mounting. (Part No. A-17189)

C. BREAK AND MEND
Holds the chain firmly in place while breaking chain and spinning rivets. (Part No. 92679)

D. POCKET CHAIN BREAKER
Repairs broken cutters and drive links in the field. (Part No. 92645)

ORDERING INFORMATION

Model	2-Cycle Engine Oil	File File	Round File	Depth Gauge	File & Guide File	Wedge	Grease Gun	Spark Plug	Carry Case	Woodcutter's Kit	Guide Bar/over	SAFE-T-Tip AntiKickback device	File-N-Joint	Combination Wrenches	Bumper Spline	Metal Grease Gun	Fuel Cup	Oil Cup	
XL* 10"	24016		D-92609	D-92604	D-92630 (.020)	DA-92617		Not Required	D-68616-S	94215-A	A94766	92693	A70776-A	D-94002	D-24814	Not Required	DA-52713-A	DA-92701-A	DA-92701-A
XL* 2"	24016		D-92609	D-92604	D-92630 (.020)	DA-92617		D-92680	D-68616-S	94215-A	A94766	92693	A70776-A	D-94002	D-24814	Not Required	DA-52713-A	DA-92701-A	DA-92701-A
Super 2	24016		D-92609	D-92604	D-92630 (.020)	DA-92617		D-92680	D-68616-S (S2) (VIS2)	94215-A (S2) (VIS2)	A94766	92693 (S2) (VIS2)	A70776-A	D-94002	D-24814 (S2) (VIS2)	Not Required	DA-52713-A	DA-92701-A	DA-92701-A
VI Super 2	24016								96169-S (240)	94216 (VIS2) (240)		A59579-1 (240)		A17705 (240)					
150 Super E-Z*	24016		D-92609	D-92601	D-92631 (.025)	DA-92617 DA-92615		D-92680	D-68616-S (150) D-65130-S (SEZ)	94216	A94767	A59579-1	A-70790-A	D-94002	68651 (150) A-24284 (SEZ)	A-68655 (150) DA-65181 (SEZ)	DA-52713-A	DA-69500-A	A-69557 A-65284-B
XL* 12" Super XL*	24016		D-92609	D-92601	D-92631 (.025)	DA-92615		D-92680	D-63710-S (XL-12) D-63547-S (SXL)	95920	A94767	A59579-1	A70790-A	D-94002	A-23937-B	DA-59043	DA-52713-A	DA-69500-A	A-63717-C
330	24016	(16.1) 23394 (32.1) 24399 (17.2 pts.)	D-92609	D-92601	D-92631 (.025)	DA-92615	D-92671	D-92680	96169-S	95920	A94767	A59579-1	A70790-A	D-94002	68651	DA-12272-C	DA-52713-A	A-94671	A-95207
360	24016	(50.1) 92681 (tube)	D-92609	D-92601	D-92631 (.025)	DA-92615	D-92672	D-92680	D-65130-S	95920	A94767	A59579-1	A70790-A	D-94002	68651	DA-12272-C	DA-52713-A	DA-69500-A	A-12222
410	24016		D-92609	D-92601	D-92631 (.025)	DA-92615	D-92673	D-92680	D-65130-S			A59579-1	A70790-A	D-94002	A-24284	93413	DA-52713-A	A-93420-A	A-93420
550	24016		D-92609	D-92601	D-92631 (.025) 92632 (.030)	DA-92615		D-92680	D-65130-S			A59579-1	A70790-A	D-94002	94624	A-12480-B	DA-52713-A	DA-69500-A	A-12222
530* 925	24016		D-92609	D-92601	D-92631 (.025) 92632 (.030)	DA-92615		D-92680	D-63547-S			A59579-1	A70790-A	D-94002	A-22808	A-63720	DA-52713-A	DA-69500-A	A-65284-B
C-72	24016		D-92609	D-92601	D-92631 (.025) 92632 (.030)	DA-92615		D-92680	.40190-S			A59579-1	A70790-A	D-94002	A-22808	A-58543	DA-52713-A	A-65741-A	A-63717-C
750	24016		D-92609	D-92601	D-92631 (.025) 92632 (.030)	DA-92615		D-92680	70210-S			A59579-1	A70790-A	D-94002	A-23937-B	69275	DA-52713-A	DA-69500-A	A-12222
S11050	24016		D-92609	D-92601	D-92632 (.030)	DA-92615		D-92680	D-63547-S			A59579	A70790-A	D-94002	A-23937-B	A-58543 (1050) A-63138 (1130G)	DA-52713-A	A-65741-A	A-63717-C
S1130G	24016		D-92609	92600	D-92633 (.035)	DA-92615		D-92680	.40190-S D-63547-S			A59579	A70790-A	D-94002	A-22808	55103-1	DA-52713-A	A-65741-A	A-63717-C

CHAIN SAW ACCESSORIES

A. FILE-N-JOINT® TOOL

A fast, lightweight, precision tool that sharpens chain cutters and adjusts depth gauges.

B. WOODCUTTER'S KIT

Available in two saw chain file sizes— $\frac{5}{32}$ " and $\frac{7}{32}$ "—and includes 32-ounce bar and chain oil, 16:1 engine oil, $5\frac{1}{2}$ " felling wedge, file guide and file, plastic grease gun, bar cover and funnel.

C. GAS CAN

Available in 1 gallon (65577), 2½ gallon (72763) and 5 gallon (62702) sizes. Optional nozzle (32551-A).

D. BAR AND CHAIN OIL

Available in 1 quart and 1 gallon unbreakable vinyl plastic containers with screw-on cap. Also available in 55-gallon drums.

E. METAL GREASE GUN

Ideal for lubricating guide bar and sprocket nose bearings or in some instances clutch bearings. Refillable.

F. PLASTIC GREASE GUN

A multi-purpose gun for lubricating sprocket or roller nose guide bars and regular type grease fittings. Pre-loaded with lubricant and ready to use.

G. 2-CYCLE ENGINE OIL

Formulated to be mixed with gasoline for lubricating 2-cycle engines at 32:1 with an SAE 40 rating, 16:1 with an SAE 30 rating or 50:1 with an SAE 40 rating.

A. CARRY CASES

Made of impact-resistant high density polyethylene for safe transport of chain saws. Cases are vacuum formed to withstand rugged use. Stabilizing ridges are molded into the bottom to hold saw securely in place. Available for the following models: XL®, XL®-2, Super 2, VI Super 2, 150, Super E-Z®, XL®-12, and Super XL®, 330 and 360 up to 20".



H. COMBINATION WRENCHES

A screw driver, spark plug wrench and bar nut wrench all in one.

I. DEPTH GAUGE JOINTER

(.020", .025", .030" and .035") Accurately measures raker height for even cutting and proper chip clearance.

J. FILE GUIDE AND FILE

To maintain correct filing angle of cutters. Provided with round file ($\frac{5}{32}$ " or $\frac{7}{32}$ ") which is securely held in place with large wing nut and clamp.

K. ROUND FILE ($\frac{5}{32}$ " and $\frac{7}{32}$ ")

Homelite® round files incorporate flat cutting spiral design which permits precise filing of cutters. Available in single and double packs, and in bulk (doz.) quantities of $\frac{1}{8}$ ", $\frac{5}{32}$ ", $\frac{3}{16}$ ", $\frac{7}{32}$ " and $\frac{1}{4}$ " sizes.

L. FLAT FILE (6")

Tempered for hardness and long filing life.

M. WEDGE (5½", 8" and 10")

Helps take the weight off heavy cutting. Helps avoid pinch and bind when felling and bucking.

N. BUMPER SPIKES

Easily attach to your chain saw and provide a better "bite" and leverage into the wood.

O. SPARK PLUGS

Homelite® spark plugs are available for all models of Homelite® saws, as well as for a variety of other brands.

P. SPARK ARRESTOR SCREEN

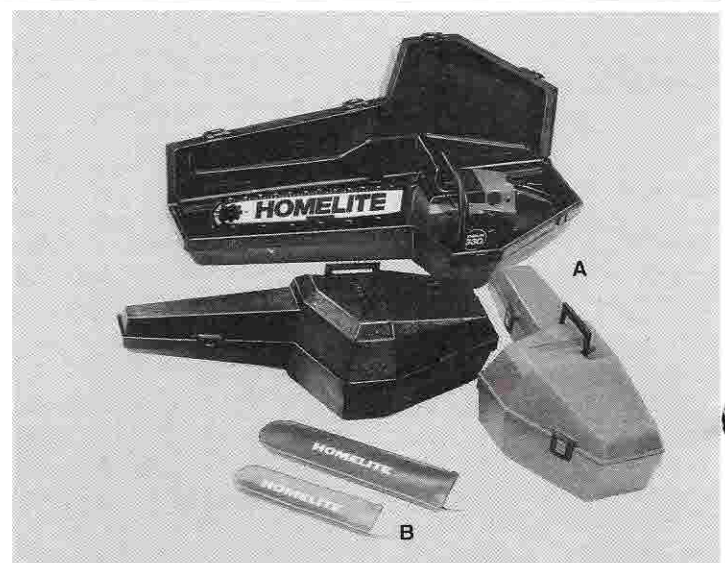
Meets USDA Forest Service Standard.

Q. OIL CAP/R. FUEL CAP

Designed for Homelite® saws.

B. GUIDE BAR COVERS/SCABBARDS

Made in three sizes. Homelite® scabbards slip easily over guide bar and chain to prevent injury and snagging clothes. Tie strap at heels holds cover securely to the bar. Heavy gauge plastic design makes carrying chain saws safer.



SAFETY ACCESSORIES



Homelite® engineering and new product field testing help improve the safety levels which are designed into every new product. But human factors, engineering and product fatigue testing are only part of the safety story. Homelite continuously monitors the changes and recommendations of both industry and governmental agencies to provide a product line with the safety of the user in mind.

Safe operation of power tools requires more than just high quality equipment... it

takes constant awareness of the conditions under which you use the tools, and awareness of the people around you.

Homelite strongly recommends that safe practices be observed at all times... and that appropriate safety equipment be used to protect the operator of power tools.

A. FACE SHIELD (Part No. 92805)

Designed to help protect the face and eyes from flying objects when sawing or chipping. Open at bottom for free flow of air to prevent fogging.

B. SAFE-T-TIP® Anti-kickback Device

Designed to shield the chain at the nose of the cutting bar and prevent kickback from occurring. Also protects the chain at the nose of the bar from contact with dirt, stones and other obstructions which could damage the chain. (See page 37 for ordering information.)

C. GOGGLES (Part No. 64598)

Provides eye protection and maximum visibility and comfort. Frames are made large so

they can be worn over glasses. Constructed of pliable vinyl plastic. Elastic headband adjustable for snug fit.

D. SAFETY HAT (Part No. 92815)

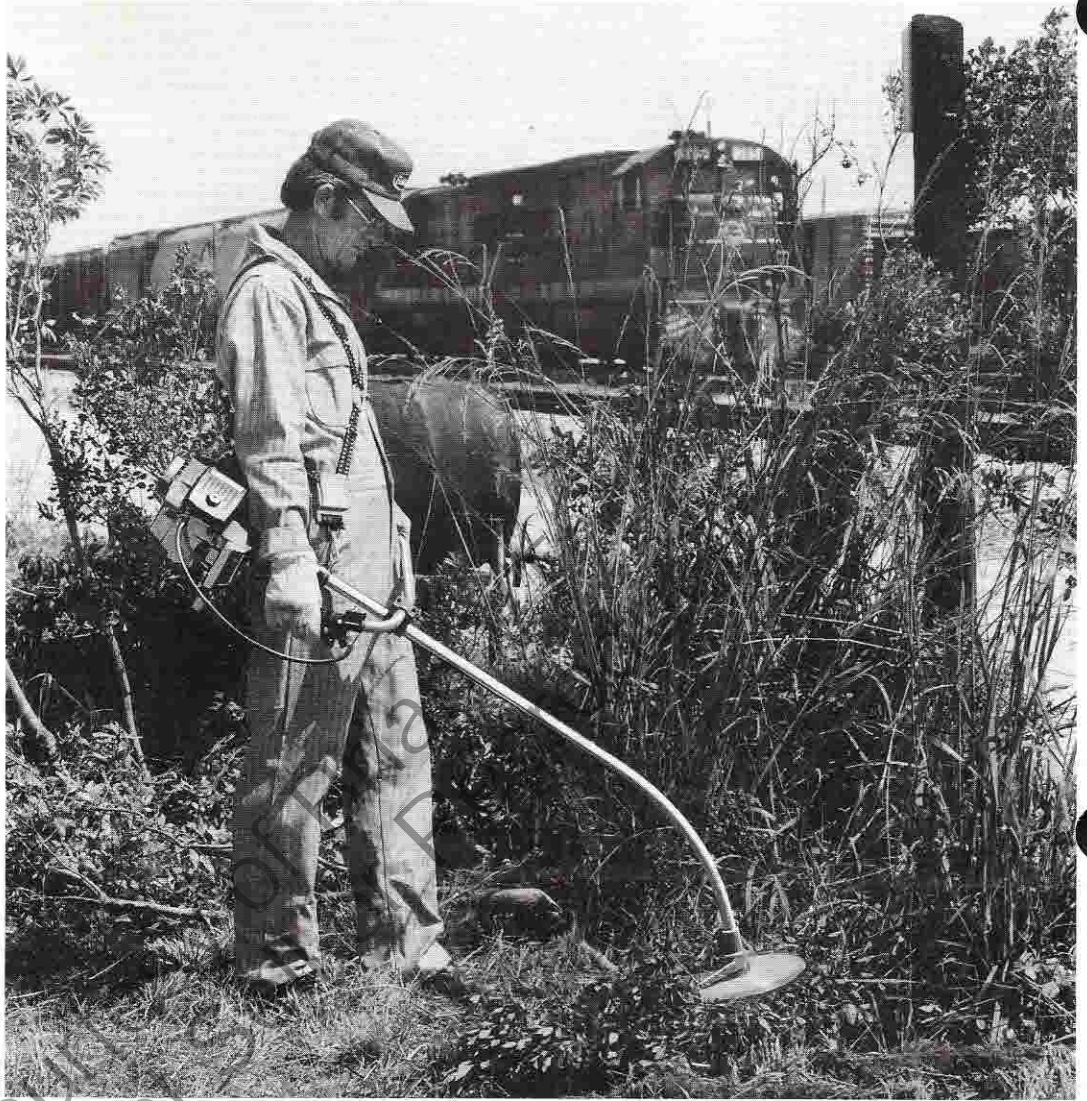
Plastic design with retainer webbing and extended front brim to deflect small falling objects and shield eyes from direct sunlight.

E. EAR PROTECTORS (Part No. 92810)

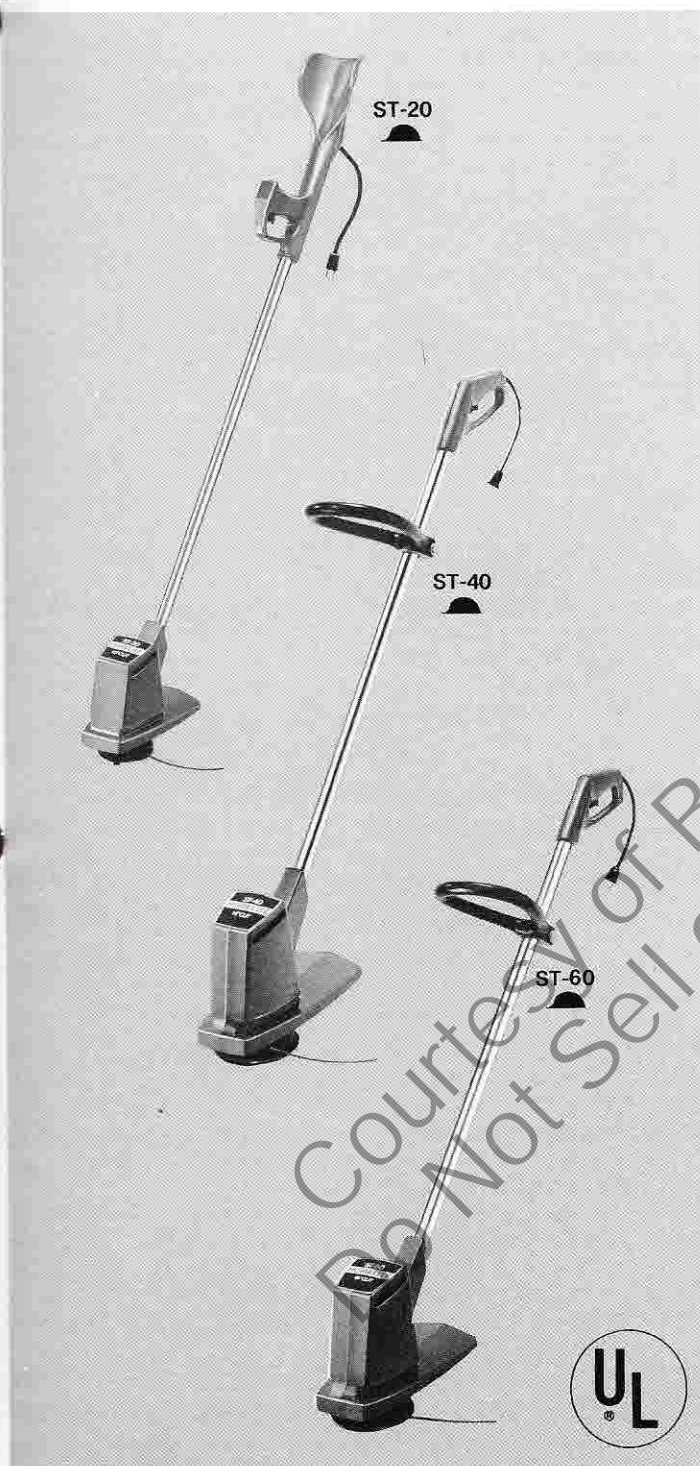
Comfortable to wear under safety hats. Special features include adjustable headband and padded plastic ear-pieces.

HOMELITE TRIMMERS & BRUSHCUTTERS

Homelite® offers a complete line of string trimmers and brushcutters designed to handle patio-sized lawns to acres of brush. There are eight models to choose from; three electric and five gasoline-powered, with cutting swaths ranging from 10 to 20 inches. All are packed with the comfort and convenience features that let you get the job done quickly. And, all Homelite® string trimmers feature the exclusive Idle-Line™ automatic line advancing system. Just a touch of the trigger and more line is dispensed as you need it. All Homelite string trimmers and brushcutters have the quality and dependability you expect from Homelite.



ELECTRIC TRIMMERS



MODEL ST-20 STRING TRIMMER

The 10" cutting swath and lightweight (only 3½ lbs.) make the ST-20 ideal for precise, close-in cutting. This model comes completely assembled with a unique handle designed for comfortable one-handed operation. And, the ST-20 features a touch-of-the-trigger automatic line advancing system for extra convenience.

STANDARD EQUIPMENT:

- Durable 2.2 amp motor
- Double insulation
- Exclusive Idle-Line™ automatic line advancing system
- 10" cutting swath
- Unique handle for one-handed operation
- Tough .065" diameter line is supplied on a convenient easy-replacement spool

MODEL ST-40 STRING TRIMMER

Designed for those who need a little more from an electric trimmer, the ST-40 is loaded with convenience features. Its light 5½ lbs. and 14" cutting swath let you get the job done quickly and comfortably. A simple twist of the adjustable handle, and the ST-40 becomes an efficient edger.

STANDARD EQUIPMENT:

- Dependable 3.3 amp permanent magnet motor
- Exclusive Idle-Line™ automatic line advancing system
- 14" cutting swath
- Fully adjustable hand grip
- Double insulation
- Easily converts to an edger with a twist of the hand grip
- Uses tough .065" diameter line supplied on convenient, easy-replacement spools

MODEL ST-60 STRING TRIMMER

At 5¾ lbs., the ST-60 is the lightest in its class. It features a 16" cutting swath to let you tackle the big jobs. The fully adjustable handle adds to its comfortable operation, as well as converting the ST-60 into a handy edger with a twist of the hand grip. A touch-of-the-trigger, automatic line advance provides more line as you need it.

STANDARD EQUIPMENT:

- Dependable 4.0 amp permanent magnet motor
- Exclusive Idle-Line™ automatic line advancing system
- 16" cutting swath
- Fully adjustable hand grip
- Double insulation
- Easily converts to an edger with a twist of the hand grip
- Uses tough .065" diameter line supplied on convenient, easy-replacement spools

ELECTRIC STRING TRIMMER SPECIFICATIONS

MODEL	AMPS	Double Insulated	Weight	Cutting Swath	Line	UL Listed	Idle-Line™ Automatic Advance
ST-20	2.2	Yes	3½ lbs.	10"	25' of .065 dia. monofilament	Yes	Yes
ST-40	3.3	Yes	5½ lbs.	14"	50' of .065 dia. monofilament	Yes	Yes
ST-60	4.0	Yes	5¾ lbs.	16"	50' of .065 dia. monofilament	Yes	Yes

GASOLINE TRIMMERS & BRUSHCUTTERS

Homelite offers a complete line of gasoline-powered string trimmers and brushcutters that

represent a major innovation in portable equipment. All are lightweight, powerful and

highly maneuverable to go wherever the job is. And because they're built by

Homelite you can count on them for exceptional convenience, versatility and dependability.

MODEL ST-80 STRING TRIMMER

Exceptionally light in weight at 7½ lbs., the ST-80 is designed for convenience, comfortable operation and versatility. The 15" cutting swath and rugged 26.2cc Homelite® engine let you power through the tough jobs with ease.

STANDARD EQUIPMENT:

- Rugged 26.2cc 2-cycle Homelite® engine
- Exclusive Idle-Line™ automatic line advancing system
- 15" cutting swath
- Adjustable hand grip
- Solid state ignition
- Convenient free-standing design with handle/fuel tank
- Tough .065" diameter premium quality line

MODEL ST-100 STRING TRIMMER

Its light weight (8 lbs.), rugged 26.2cc Homelite® engine, and wide 20" cutting swath make work easy. It has a touch-of-the-trigger automatic line advance for added convenience. With the optional power blower attachment, the ST-100 quickly converts into a powerful sweeper that blows away clippings and leaves with a big 100 MPH wind velocity.

STANDARD EQUIPMENT:

- Rugged 26.2cc 2-cycle Homelite® engine with trigger-controlled throttle
- Exclusive Idle-Line™ automatic line advancing system
- 20" cutting swath
- Adjustable hand grip
- Solid state ignition
- Free-standing design with handle/fuel tank
- 3-chambered Softone™ muffler
- Convenient handle/hook
- Heavy-duty .080" diameter premium quality line

MODEL ST-120 TRIMMER/BLOWER

All the power and performance of the ST-100, with two big extras. Vibration isolated for comfort, complete with comfort strap. Plus, a power blower attachment as standard equipment. In addition to being a high performance trimmer, the power blower attachment turns the ST-120 into a powerful clean-up tool with a big 100 MPH wind velocity.

STANDARD EQUIPMENT:

- Vibration isolation

- Rugged 26.2cc 2-cycle Homelite® engine with trigger-controlled throttle
- Exclusive Idle-Line™ automatic line advancing system
- 20" cutting swath
- Adjustable hand grip
- Solid state ignition
- Free-standing design with handle/fuel tank
- 3-chambered Softone™ muffler
- Comfort strap
- Power Blower attachment
- Heavy-duty .080" diameter premium quality line

MODEL ST-200 STRING TRIMMER

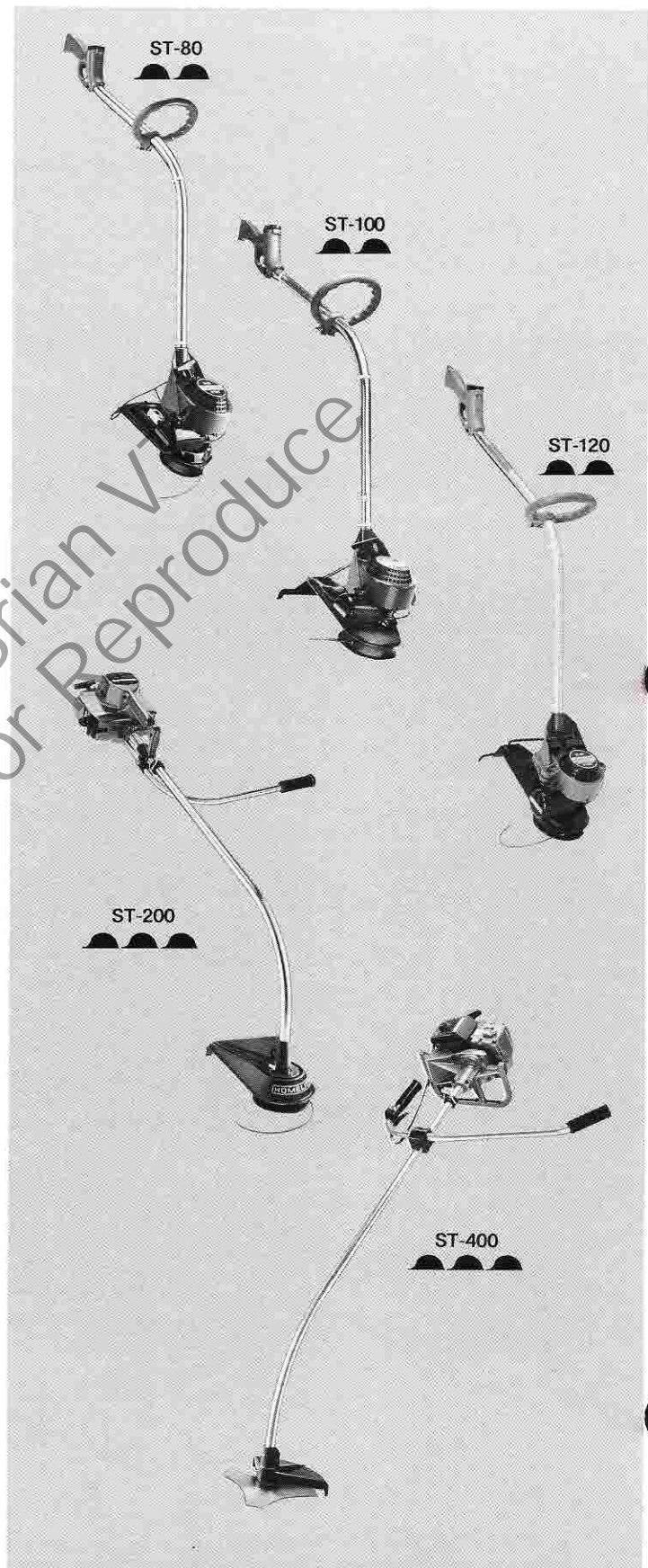
Weighing in at 13¼ lbs., with a powerful 31.1cc Homelite® engine, the ST-200 easily handles tall grass and weeds. The touch-of-the-trigger, automatic line advance provides more line when needed. The big 19 ounce fuel tank allows up to an hour of uninterrupted working time.

The optional bladed brushcutter easily handles saplings up to 3" in diameter, and the

optional power blower attachment converts the ST-200 into a powerful sweeper.

STANDARD EQUIPMENT:

- Reliable 31.1cc 2-cycle Homelite® engine
- Exclusive Idle-Line™ automatic line advancing system
- 20" cutting swath
- Fully adjustable harness and handle
- Solid state ignition
- Heavy-duty .080" diameter premium quality line



GASOLINE TRIMMERS & BRUSHCUTTERS

MODEL ST-400 BRUSHCUTTER

Designed for clearing heavy brush and undergrowth, the rugged ST-400 can handle saplings up to 4" in diameter,

yet weighs only 21 lbs. complete. The 20 ounce fuel tank provides up to 40 minutes working time.

The ST-400 accepts two cutting blades. Homelite's

patented Tri-Arc™ blade (standard) or an optional saw tooth blade for larger saplings.

STANDARD EQUIPMENT:

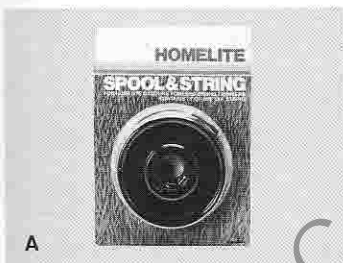
- Homelite® 54.1cc 2-cycle, governor-controlled engine

- Ignition/Stop button mounted on the throttle grip
- Slip clutch to protect against overload
- Fully adjustable harness and handlebar

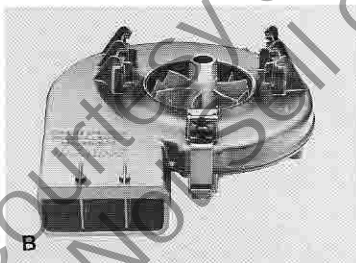
GASOLINE STRING TRIMMER AND BRUSHCUTTER SPECIFICATIONS

MODEL	Engine Type	Engine Displacement	Carburetor	Ignition	Starter	Mulfer	Fuel Mixture	Fuel Capacity	Weight	Line Cutting Swath	Line	Blade
ST-80	2-cycle air-cooled single cylinder	26.2cc	Diaphragm-type with gravity feed	Solid State	Recoil type	3 chamber low noise	32:1, 16:1 or 50:1	16 oz. (35-45 min. running time)	7½ lbs.	15"	50' of .065" dia. monofilament	NA
ST-100	2-cycle air-cooled single cylinder	26.2cc	Diaphragm-type with gravity feed	Solid State	Recoil type	3 chamber low noise	32:1, 16:1 or 50:1	16 oz. (35-45 min. running time)	8 lbs.	20"	50' of .080" dia. premium quality monofilament	NA
ST-120	2-cycle air-cooled single cylinder	26.2cc	Diaphragm-type with gravity feed	Solid State	Recoil type	3 chamber low noise	32:1, 16:1 or 50:1	16 oz. (35-45 min. running time)	8½ lbs.	20"	50' of .080" dia. premium quality monofilament	NA
ST-200	2-cycle air-cooled single cylinder	31.1cc	Standard Diaphragm-type with fuel pump	Solid State	Recoil type	2 chamber low noise	32:1, 16:1 or 50:1	19 oz. (45-60 min. running time)	13¼ lbs.	20"	50' of .080" dia. premium quality monofilament	8" Tri-Arc™ Saw
ST-400	2-cycle air-cooled single cylinder	54.1cc	Standard Diaphragm-type with fuel pump	Solid State	Recoil type	2 chamber low noise	32:1, 16:1 or 50:1	20 oz. (35-45 min. running time)	21 lbs.	NA	NA	10" Tri-Arc™ Saw

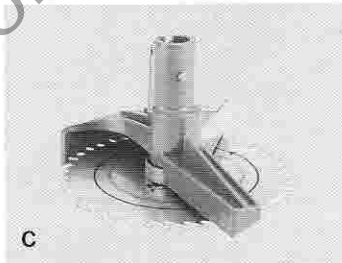
TRIMMER AND BRUSHCUTTER ACCESSORIES



A



B



C



D



E

A. Replacement Spools—Pre-wound with monofilament line.

B. Power Blower—Converts ST-100, ST-120 and ST-200 into a versatile blower without tools. Provides 100 MPH wind velocity.

C. Brushcutter Head—Uses both Saw Tooth blade and Tri-Arc™ blade. 2:1 gear reduction develops more torque, keeps blade at optimum cutting speed, minimizes stalling and binding.

D. Saw Tooth Blade—Designed to handle larger saplings.

E. Tri-Arc™ Blade—Reversible blade is easily sharpened with a flat file.

HOMELITE® POWER BLOWER SPECIFICATIONS (For ST-100, ST-120 and ST-200)

	RPM	Output Volume	Velocity	Weight
Blower Attachment	7500	300 CFM	100 MPH	19 oz.

BLOWERS/SPRAYER/MISTER

Designed for homeowner and light commercial use, Homelite® Blowers and Blower/Sprayer/Mister offer the quality and dependability you expect in Homelite products. All three feature reliable Homelite® 2-cycle engines for greater portability and flexibility. Their lightweight and professional-style design provide excellent operator comfort.

Homelite® Blowers are ideal for outdoor clean-ups, including sweeping leaves, dirt, grass clippings and debris from lawns, driveways, patios and other outdoor surfaces. The Homelite® Blower/Sprayer/Mister is an all-around clean-up and yard/garden maintenance tool. In addition to sweeping large outdoor surfaces, this model is useful for spraying insecticides, fertilizers or herbicides on lawns, shrubs, trees, gardens and other foliage.



BLOWERS/SPRAYER/MISTER



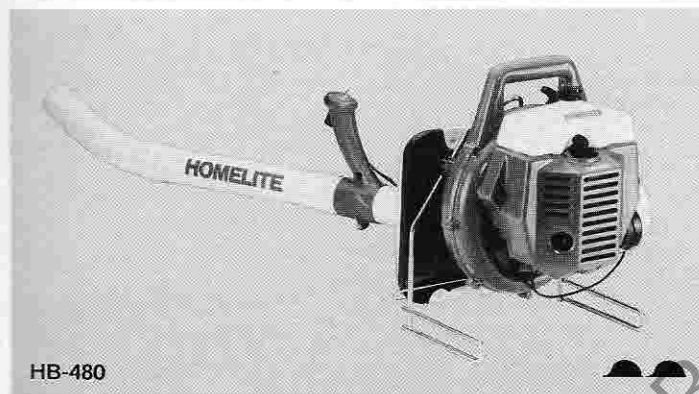
HB-280

MODEL HB-280 BLOWER

This handheld blower with its light weight (only 11 lbs.), low noise level, comfort strap and fingertip controls is easy and comfortable to operate. Up to 245 CFM air volume makes clean-ups a breeze.

STANDARD FEATURES:

- 1.6 cu. in., air-cooled gasoline engine
- Lightweight
- Fingertip controls
- Single stage centrifugal fan produces up to 245 CFM air volume
- Solid state ignition
- Automatic recoil starter
- Comfort strap



HB-480

MODEL HB-480 BLOWER

At 13.5 lbs., the HB-480 is extremely comfortable to operate. Its backpack design lets you work for long periods without fatigue. Its many convenience features include low noise level, fingertip controls and up to 245 CFM air volume for fast and easy clean-ups.

STANDARD FEATURES:

- 1.6 cu. in., air-cooled gasoline engine
- Lightweight
- Comfortable backpack design
- Fingertip controls
- Single stage centrifugal fan produces up to 245 CFM air volume
- Solid state ignition
- Automatic recoil starter



HB-680

MODEL HB-680 BLOWER/ SPRAYER/MISTER

Homelite's most versatile model, the HB-680 is an efficient clean-up tool and a lawn/garden maintenance tool. Its light weight, many convenience features and balanced backpack design provide excellent comfort and ease of use. The big 2-gallon tank allows you to dispense chemicals such as liquid herbicides, fertilizers or insecticides.

STANDARD FEATURES:

- 1.6 cu. in. air-cooled gasoline engine
- Lightweight—only 16.5 lbs. dry, under 35 lbs. with full fluid tank
- Comfortable backpack design
- Easily accessible controls
- Blower capacity—245 CFM air volume from single stage centrifugal fan
- Mister/sprayer capacity—25-30 feet horizontal; 15-20 feet vertical
- 2-gallon tank capacity—maximum flow of 1 gal. per min.
- Solid state ignition
- Automatic recoil starter

BLOWER/SPRAYER/MISTER SPECIFICATIONS

Model	Engine Type	Engine Displacement	Ignition	Fuel Capacity	Fan	Maximum Air Volume	Tank Capacity	Dimensions*			Net Wt. (Lbs.)	Ship Wt. (Lbs.)
								L	W	H		
HB-280	2-Cycle Air-Cooled Single Cylinder	1.6 cu. in.	Solid State	1 Pint	Centrifugal Single Stage	245 CFM @ 7500 RPM	NA	13½"	9"	14½"	11	13¼
HB-480	2-Cycle Air-Cooled Single Cylinder	1.6 cu. in.	Solid State	1 Pint	Centrifugal Single Stage	245 CFM @ 7500 RPM	NA	13½"	11½"	16"	13½	15¼
HB-680	2-Cycle Air-Cooled Single Cylinder	1.6 cu. in.	Solid State	1 Pint	Centrifugal Single Stage	245 CFM @ 7500 RPM	2 Gal.	15"	11½"	20"	16½	19

*Excludes discharge tube.

HOMELITE® MULTI-PURPOSE SAWS

Three dependable workhorses with all the power, performance and portability you need. Professional design allows fast cutting of just about anything: concrete, steel, aluminum, bronze, cast and ductile iron.

THE FOLLOWING FEATURES ARE STANDARD ON ALL HOMELITE® MULTI-PURPOSE SAWS:

- Each saw is matched to a 2-cycle Homelite® engine providing maximum performance and value.
- Built-in controls for engine and wheel speed for optimum performance.
- Pulsar® solid state, super capacitor discharge ignition system eliminates fouled points and provides a hotter spark for fast and easy starting.

- Wrap-around handlebar is located at center of gravity.
- All controls are positioned for fast operation with gloved hand. Throttle trigger built into rear handle.
- Adjustable wheel guard locks into position to protect operator.
- Wheel arm can be reversed to the outboard for flush cutting or mounted inboard for normal operation.
- Automatic rewind starter.
- Homelite® multi-purpose saws conform to the Occupational Safety and Health Act (OSHA) requirements.

MASONRY AND CONCRETE SAW
S.M.I.
MANUFACTURERS INSTITUTE



MODEL DM 20

Homelite's lightest weight multi-purpose, cut-off saw. 2-cycle Homelite® engine allows saw to be operated in any position in accordance with safety instructions and operation.

STANDARD EQUIPMENT:

(Also see features listed above.)

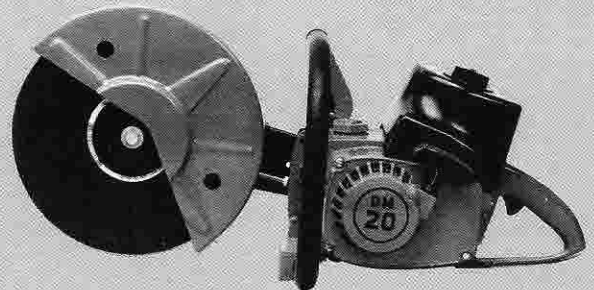
Saw

- Wrap-around handlebar is neoprene-coated for all-position cutting comfort. Center of gravity mounting

- Stamped steel wheel guard adjustable to 90°

Engine

- Heavy-duty air filter system, replaceable cartridge type
- Loop scavenged engine for increased power
- Softone™ dual chamber muffler reduces noise
- Designed-in speed control limits top speed
- 34 oz. fuel tank



DM 20

MODEL DM 50

Specially-engineered for easier starting, greater reliability and increased operator comfort. 2-cycle Homelite® engine allows saw to be operated in any position in accordance with safety instructions and operation.

STANDARD EQUIPMENT:

(Also see features listed above.)

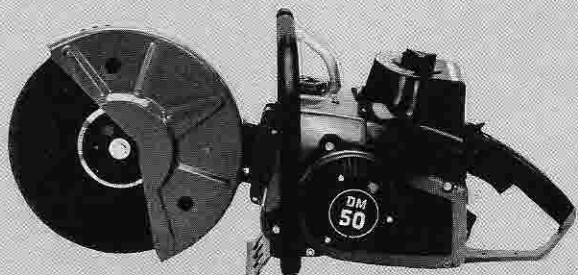
Saw

- Vibration-isolated at five points for more comfort, less fatigue

- Neoprene-coated front handlebar. Center-of-gravity mounting
- Stamped steel wheel guard adjustable to 90°

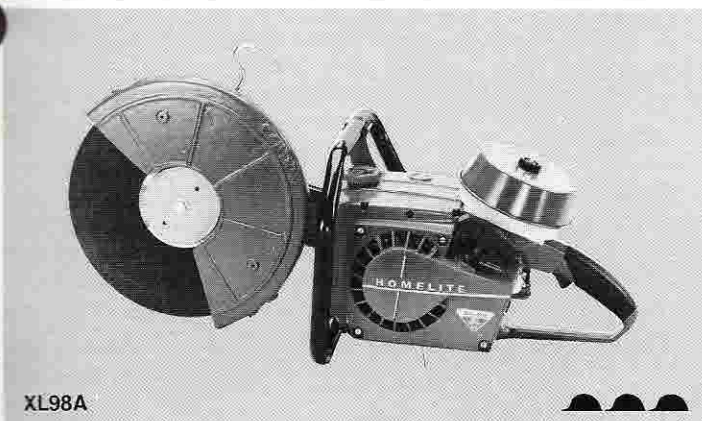
Engine

- Heavy-duty air filter system replaceable cartridge type
- Power Boost squish combustion chamber increases engine power
- Softone™ dual chamber muffler reduces noise
- Electronic governor built into super CD ignition
- 50 oz. fuel tank



DM 50

MULTI-PURPOSE SAWS



XL98A

MODEL XL98A

Proven design that has withstood the rigors of construction, demolition and rescue operations. 2-cycle Homelite® engine allows saw to be operated in any position in accordance with safety instructions and operation.

STANDARD EQUIPMENT:

(Also see page 46.)

Saw

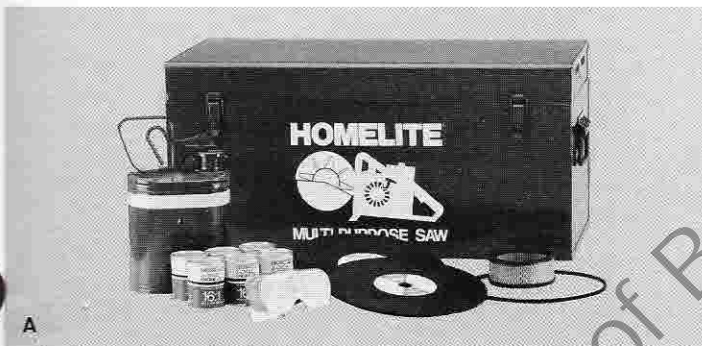
- Wrap-around handlebar is vinyl-coated for all-position cutting comfort

- Adjustable wheel guard has locking device to set guard in any position

Engine

- Heavy-duty, dual element air filter system with replaceable cartridge and cleanable foam outer filter
- Governor speed control valve in carburetor limits top speed
- 48 oz. fuel tank

MULTI-PURPOSE SAW ACCESSORIES



A

A. CARRY CASE AND OPERATORS KIT

Carry case is of heavy gauge, reinforced steel. Top and bottom connected with rugged steel hinge and lockable front latches. Inside, a special molded compartment holds saw in place and provides space for a variety of accessories. Large hand grips at each end of case for easy two-man carry. (A-47390-A).

Operators Kit includes: carry case... 1 gallon fuel can... safety goggles... 2-cycle engine oil... spare air filter element... reinforced drive belt... safety guide. Two reinforced abrasive wheels provided for cutting metal and masonry. Available for Model DM 50 (A47305), Model XL98A (A47306) and DM 20 (A47291).

B. WET CUTTING KIT

Offers longer abrasive and diamond wheel life. Installs on wheel guard with screw-on fittings. Can be used with water source from regular garden hose. Water is sprayed on both sides of wheel and on cutting surface to cool wheel and

reduce wear. Available for Model DM 50 and DM 20 (A-46477) and Model XL98A (A-50561).

C. CUTTING WHEELS AND BLADES

Homelite® abrasive wheels are 5/8" thick and rated at 6,000 rpm with 1" arbor hole. Grit and resinoid epoxy bonding agent specially formulated to cut specific materials. Abrasive wheels are double fiberglass-reinforced for added strength and longer wear. Homelite® carbide tip blades are made of heat tempered steel with tough cutting carbide tips brazed in place. Homelite wheels meet A.N.S.I. specification B7.1-1978.

Abrasive Wheels and Saw Blades

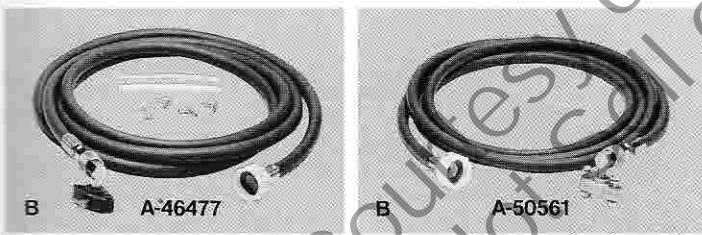
For DM20, DM50, XL98A & Competitive Saws

Part No.	Type	Size
64596-BS	Masonry & Concrete	12" x 5/8" x 1"
64597-BS	Metal	12" x 5/8" x 1"
66421-AS	Ductile & Cast Iron	12" x 5/8" x 1"

64595-S	Saw Blade Carbide Tip	12" x 1/2" x 1"
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For Competitive Saws

Part No.	Type	Size
43230-AS	Abrasive Wheels Masonry & Concrete	12" x 5/8" x 7/8"
43231-AS	Ductile & Cast Iron	12" x 5/8" x 7/8"
43232-AS	Metal	12" x 5/8" x 7/8"
50508-AS	Masonry & Concrete	10" x 5/8" x 3/8"
50606-AS	Ductile & Cast Iron	10" x 5/8" x 3/8"
50509-AS	Metal	10" x 5/8" x 3/8"
43233-AS	Masonry & Concrete	11 1/8" x 5/8" x 20mm.
43234-AS	Ductile & Cast Iron	11 1/8" x 5/8" x 20mm.
43235-AS	Metal	11 1/8" x 5/8" x 20mm.



B

A-46477

B

A-50561



C

MULTI-PURPOSE SAW SPECIFICATIONS

Model	Duty Rating	Engine Make	Cu. In. Displacement	Engine RPM	Cutting Wheel RPM	Diameter of Cutting Wheel	Depth of Cut	Arbor Diameter	Vibration Isolated	Reversible Arm	Electronic Ignition	Fuel Tank Capacity	Air Cleaner	Dimensions			Net Wt. (Lbs.)	Ship. Wt. (Lbs.)
														Length	Width	Height		
DM 20	HD	Homelite	3.5	10,200	5,500	12"	4"	1"	No	Yes	Yes	34 oz.	Paper Cartridge	29"	13"	13"	24	31
DM 50	XHD	Homelite	4.5	10,500	5,750	12"	4"	1"	Yes	Yes	Yes	50 oz.	Paper Cartridge	31"	13"	13"	28	35
XL98A	XHD	Homelite	5.0	9,000	5,250	12"	4"	1"	No	Yes	Yes	48 oz.	Foam and Paper Cartridge	29"	12"	14.5"	26	33

HOMELITE® PLATE COMPACTORS

Homelite's two plate compactors offer dependable performance on soil or asphalt. With normal maintenance, they will deliver many hours of trouble-free operation.

Homelite® plate compactors offer high productivity with a maximum 63' per minute travel speed and high compaction force of up to 3,000 pounds per blow. One model, PCA-20, is designed for use on asphalt and is supplied with a water tank kit for lubrication. The other model, PCS-30, is designed for use on soil and features a closed exciter and belt system that protects these components from rocks or dust.

THE FOLLOWING FEATURES ARE STANDARD ON ALL HOMELITE® PLATE COMPACTORS:

- Sealed exciter system features a splash lubrication system which is sealed to protect exciter and bearings from dirt. Lubricant level is easily checked by using a conveniently located, screw-in level indicator.
- Exciter bearings are high capacity, roller-type for long life.
- Enclosed belt drive assures long hours of use and easy maintenance. Belt and pulleys are shielded from rocks and dirt by a cast aluminum guard.
- Handle has been isolated from engine vibration by shock mounts to reduce operator fatigue. Handle assembly includes a lock for safe transport.
- Two hand grips are supplied on each side to assure convenient transport from job to job.
- Manual throttle control is conveniently located on top of engine.
- Reusable polyurethane air filter keeps the cylinder clean for long engine life. Conveniently located air cleaner is easily maintained. Filter can be cleaned and reused many times before replacement.
- Mechanical governor assures proper engine speed, limits maximum RPM for longer engine life. Governor runs in oil and is fully enclosed.
- Homelite® plate compactors conform to the Occupational Safety and Health Act (OSHA) requirements.

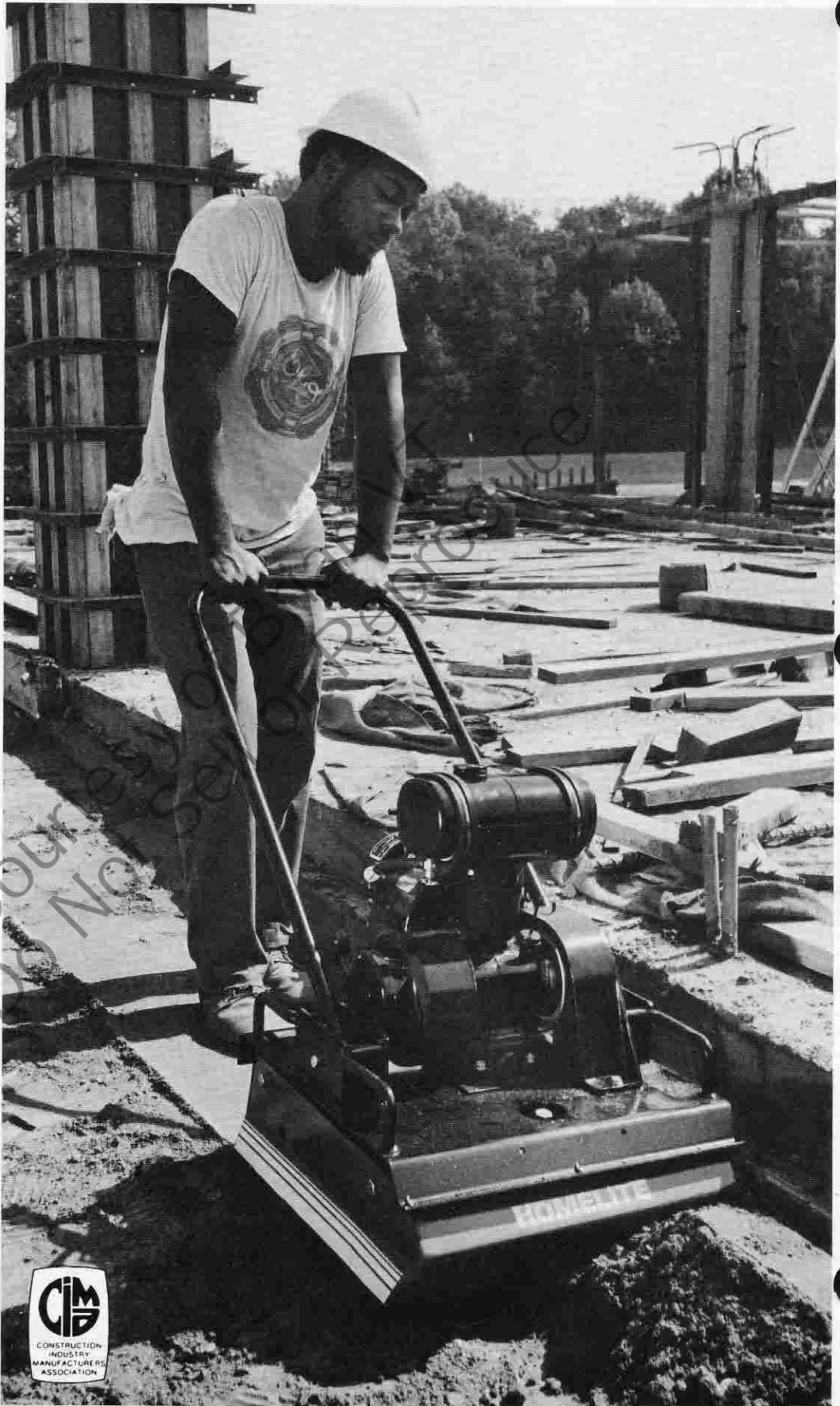
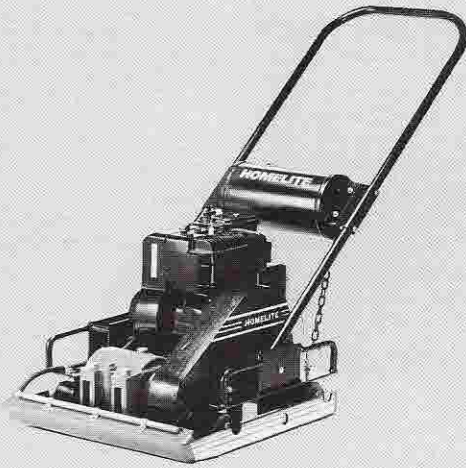


PLATE COMPACTORS



PCA-20

MODEL PCA-20

Lightweight, hard-hitting asphalt plate compactor is powered by a dependable 4-cycle, air-cooled Briggs & Stratton engine. Performance features include 2,000 lbs.-per-blow compaction force and travel speed of 52 feet per minute. Includes a strong steel plate with curved edges to eliminate ridges in the asphalt. Also has a self-relieving feature that allows foreign material in the plate to be discharged behind rather than in front of the plate. Optional transport wheel kit available.

STANDARD EQUIPMENT:

(Also see page 48.)

- Automatic recoil starter
- Polyurethane air filter
- Heavy-duty steel plate—open design
- 6-quart water tank and distribution system



PCS-30

MODEL PCS-30

This tough plate compactor is designed for use with granular soil. Enclosed plate design keeps dirt accumulations and rocks away from the exciter, clutch, pulleys and drive belt. Delivers 3000 lbs. of force per blow for solid compaction. Travel speed up to 63 feet per minute keeps productivity high. Power is supplied by a cast iron, 4 hp, air-cooled Kohler engine for dependable operation and long life. Other features include vibration-isolated operator handle, beveled lip plate for rough surfaces and a

rubber plate guard to keep plate free of foreign material. Optional water tank kit and transport wheels are available.

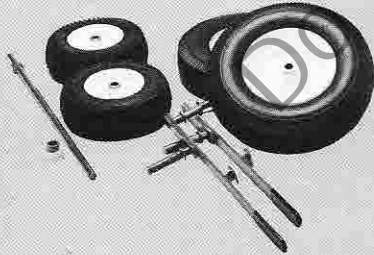
STANDARD EQUIPMENT:

(Also see page 48.)

- Heavy-duty dual-element air cleaner
- Stellite exhaust valve seat with steel alloy valves
- Externally located breaker points
- Two engine main bearings—heavy-duty ball type
- Enclosed heavy-duty steel plate
- Vibration-isolated upper mounting deck

COMPACTOR ACCESSORIES

A51378



TRANSPORT WHEELS

Available for PCA-20 (A51378) and PCS-30 (A51363). Made to attach on both sides of unit. Slotted fittings provided to hold wheels in place.

WATER SYSTEM

Standard on PCA-20, optional on PCS-30 (A51401).

Water tank has 6-quart capacity, mounts on handle.

PLATE COMPACTOR SPECIFICATIONS

Model	Duty Rating	Compaction Force (Lbs.)	Exciter Speed (RPM)	Max. Travel Speed (FPM)	Area Compacted Per Hr. (SFP/HR)	Exciter		Bearings	Engine		Tank Capacity	Min. Running Time/ Tank (Hrs.)	Water Tank	Water Tank Capacity	Dimensions L-W-H	Unit Weight (Lbs.)	Wt. Ship (Lbs.)	
						Type	Lub.		Make	Model								
PCA-20	HD	2000	4400	52	4950	Sealed	Splash	(2) Roller	B&S	100232	4	3 Qts.	3.9	Std.	6 Qts.	44"x21" x35"	190	216
PCS-30	HD	3000	4400	63	5855	Sealed	Splash	(2) Roller	Kohler	K91T	4	2.7 Qts.	2.9	Opt.	6 Qts.	44"x21" x43"	236	263

Performance Rated in Accordance with LEMB Standard #2 *Operating Weight—includes fuel and lubricating fluid

HOMELITE® VENTILATING BLOWERS

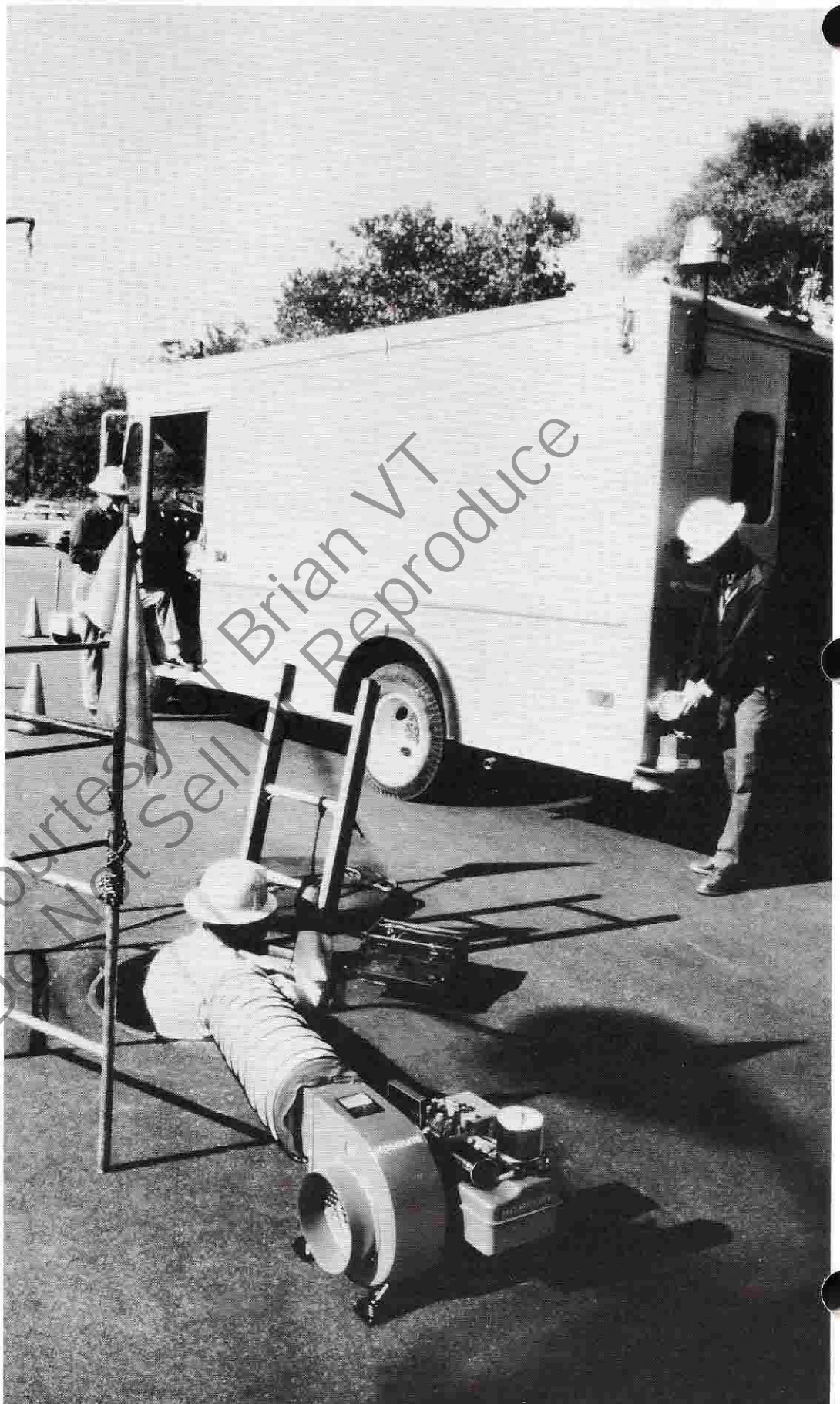
The primary function of a ventilating blower is to supply fresh air to enclosed areas, or to exhaust stale air for a more comfortable working environment. It can be used for suction as well as blowing. Homelite® blowers are available with heavy-duty gasoline and electric prime movers and are capable of moving up to 1428 cubic feet of air per minute. Air is supplied to the designated area by means of a collapsible duct connected to the discharge housing.

Homelite® blowers are certified by C.E.E.S. (Colorado Engineering Experiment Station, Inc.), using a chamber built in accordance with Standard 210-67 of A.M.C.A. (Air Moving and Conditioning Association) and tested per AT&T (American Telephone & Telegraph) Standards E.L. 2723/P.L. 2709. Certified test results are shown in the specification chart at the end of this section.

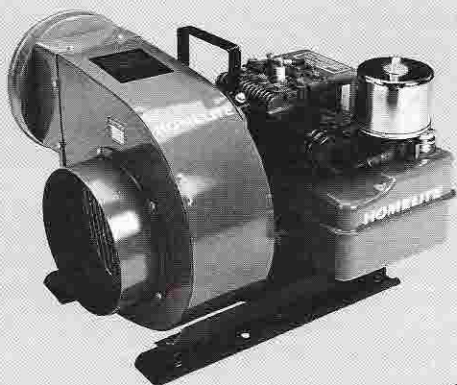
These compact units can be used for a number of jobs: for a continuous fresh air supply around the construction site or in enclosed work areas; for removing toxic and noxious gases from sewers and man-holes; for use as a leak detector in testing sewer lines; for tank cleaning crews and for cooling laser beam equipment in trenches. Another application is for controlled, forced-draft burning of trash, debris and brush.

THE FOLLOWING FEATURES ARE STANDARD ON ALL HOMELITE® BLOWERS:

- Blower components are constructed of top-quality materials offering long life, low maintenance and light weight.
- Each blower model is equipped with convenient carrying handle.
- Heavy-duty cast aluminum blower fan is efficient and quiet.
- Screens over the air intake/output protect internal fan from damage and operator from injury.
- Homelite® blowers conform to the Occupational Safety and Health Act (OSHA) requirements.



VENTILATING BLOWERS



111B

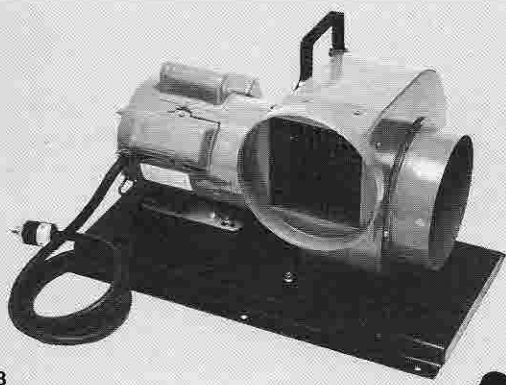
GASOLINE ENGINE-DRIVEN BLOWER MODEL 111B

Ideal for portable use. The blower is self-contained, using an air-cooled, 4-cycle Briggs & Stratton engine. The volume of air can be controlled by a variable speed control on the unit, allowing a fresh air output of 500 to 1428 cubic feet per minute. Used by contractors, farmers, tank cleaning crews, utilities and telephone companies.

STANDARD EQUIPMENT:

(Also see page 50.)

- Heavy-duty skids with vibration-isolated spring mounts
- Cast iron cylinder sleeve
- Stellite exhaust valve and seat
- Positive-type valve rotator
- Ball bearing on crankshaft
- Heavy-duty, dual-element air cleaner
- Automatic rewind starter
- Variable speed control
- Pneumatic-type governor
- Solid state ignition



200EB

ELECTRIC MOTOR-DRIVEN BLOWER MODEL 200EB

Electric-driven blowers are used when electricity is available from the utility or from a portable electric generator. Powered by a 2 hp, 120/240 volt, 60 Hz, single phase electric motor, the 200EB is primarily designed for use by utilities and telephone companies. It is also used by con-

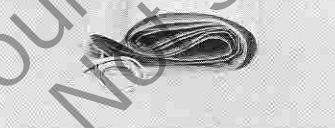
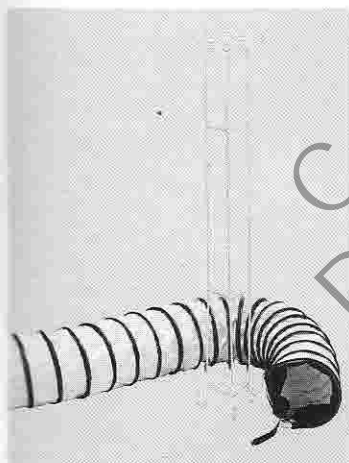
tractors, sewer crews, tank cleaning personnel and farmers.

STANDARD EQUIPMENT:

(Also see page 50.)

- Heavy-duty pan base
- 3-foot heavy-duty cord and NEMA-type 5-20P plug

VENTILATING BLOWER ACCESSORIES



COLLAPSIBLE DUCT AND CARRIER

Heavy duty vinyl plastic duct is held in place by helical spring, has highly visible yellow color. Ideally used to place vented air away from or into a specific area. Collapsible for easy storage.

Carrier has welded steel frame to hold duct firmly in place in collapsed position for easy storage and transport.

POLYESTER DUCT

Used on discharge side of blower to remove stale air from confined work areas. Heavy-duty, mildew-resistant polyethylene-coated polyester. Easily collapsed and folded for storage.

Part No.	Description
30188	8"x15' collapsible duct
30492	8"x25' collapsible duct
29743	Carrier for Part No. 30188
30493	Carrier for Part No. 30492
30126	8"x15' polyester duct
31084	8" flex-fast clamp

VENTILATING BLOWER SPECIFICATIONS

Model	Duty Rating	Data File or Test #	Testing Agency	Date of Test	CERT TEST RESULTS Air flow (CFM) measured at end of a str. 6" x 15' flex. hose with:			CFM Free Air	Prime Mover	Type	HP	Make and Model No.	Min. Running Time per Tank (Hours)	Capacity (Gals.)	Lub. Oil Capacity (Pints)	Carrying Device	Dimensions			Ship. Wt. (Lbs.)	
					1-90° Bends	2-90° Bends	CFM										L	W	H	Net Wt.	Gross Wt.
111B	HD	HOM 3	CEESI	3/2/78	1170.0	1119.9	1427.7	Engine	3	B&S 80232	3Qts.	3½	1.52	Handle	18½"	18¾"	15¼"	45	60		
200EB	XHD	HOM 4	CEESI	3/2/78	1094.1	1074.6	1419.1	Elect. Motor	2	NEMA Frame 56H	NA	NA	NA	Handle	25"	15½"	16¼"	56	71		

HIGH-CYCLE CONCRETE VIBRATORS

Homelite® high-cycle vibrators have proven themselves on job after job as reliable, sturdy performers under tough and extended operating conditions. When used in low-slump concrete, they minimize drop in output. They also eliminate honey comb, provide a smooth, architectural finish without hard dressing and have the particular ability to penetrate cold joints and merge two layers of concrete.

Vibration force up to 1600 lbs. at 9,000-10,000 RPM as-

ures top performance. Power is supplied by a 230 volt, 3-phase, 180 Hz motor located in the vibrator head. (See High-Cycle Generator, Model 190HY50, page 21.) Efficient design offers light weight, compact size, convenient operation and simplified maintenance. The nose connects to the tube at the tip for easy removal and maintenance.



THE FOLLOWING FEATURES ARE STANDARD ON ALL HOMELITE® HIGH-CYCLE VIBRATORS:

- Compact and powerful 180 Hz, 3-phase motor located in vibrator head.
- Head and nose join at tip of vibrator for protection of motor and maintenance ease.
- Eccentric is supported by two permanently sealed ball bearings.
- Units are supplied with 25' of water, oil and abrasion-

resistant cable. Plug is a 3-prong twist lock type, Harvey Hubbel 3421.

- Switch box is lightweight cast aluminum and waterproof to protect electrical leads from corrosion and provide operator safety.
- Handling hose is heavy-duty neoprene. Offers resistance to oil and water abrasion as well as dry rot and cracking.
- Homelite® high-cycle vibrators conform to the Occupational Safety and Health Act (OSHA) requirements.

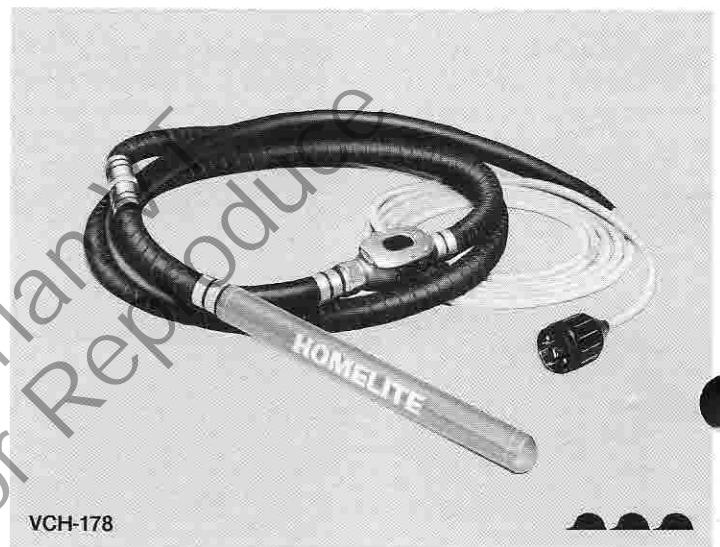
MODEL VCH-178

1 7/8" diameter head eccentric allows this unit to vibrate concrete with 800 pounds of centrifugal force. Designed to offer high performance during extended running time. Steel nose and head provide abrasion resistance for long life.

STANDARD EQUIPMENT:

(Also see features listed above.)

- 230 volt, 3 amp, 180 Hz, 3-phase motor
- 12 oz. eccentric
- Heavy-gauge steel nose



VCH-178

MODEL VCH-250

Homelite's highest performance vibrator provides 1600 lbs. of centrifugal force. A high production tool for large pours, low slump concrete and extended running times.

STANDARD EQUIPMENT:

(Also see features listed above.)

- 230 volt, 6 amp, 180 Hz, 3-phase motor
- 16 oz. eccentric
- Malleable iron nose



VCH-250

VIBRATOR ACCESSORIES

Part No. Description

A-43092	5' Extension Handling Hose
A-43001	10' Extension Handling Hose
36760-2	Rubber Nose (VCH-178)
36744-2	Rubber Nose (VCH-250)

HIGH-CYCLE VIBRATOR SPECIFICATIONS

Model	Duty Rating	Vibration Force (Lbs.)	Frequency (RPM)	Eccentric Wt.	Bearings	Motor			Housing	Dimensions Dia. x Lgth.	Power Cable	Plug Type	Handling Hose Cover	Ship. Wt. (Lbs.)		
						Volt	Amps	Hz.						Net Wt. (Lbs.)	Ship. Wt. (Lbs.)	
VCH-178	XHD	800	9-10,000	12 Oz.	(2) Sealed Ball Type	230	3	180	3	Waterproof Cast Alum.	1 7/8" x 20"	25'	Harvey Hubbel	Neoprene	36	41
VCH-250	XHD	1600	9-10,000	16 Oz.	(2) Sealed Ball Type	230	6	180	3	Waterproof Cast Alum.	2 1/2" x 21"	25'	Harvey Hubbel	Neoprene	43	48

Courtesy of Brian VT
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404-434-8616 Service

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312-773-2800 Service

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317-632-2418 Service

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612-636-5757 Service

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