

HOMELITE

GASOLINE-ENGINE-DRIVEN SELF-PRIMING CENTRIFUGAL

XL-PUMP

MODEL
XLS1½-1A

XLS1½-1A



2 Cycle

BIG
IN PERFORMANCE

SMALL IN SIZE

COMPACT

15" x 11³/₈" x 11⁵/₈"

PRESSURE

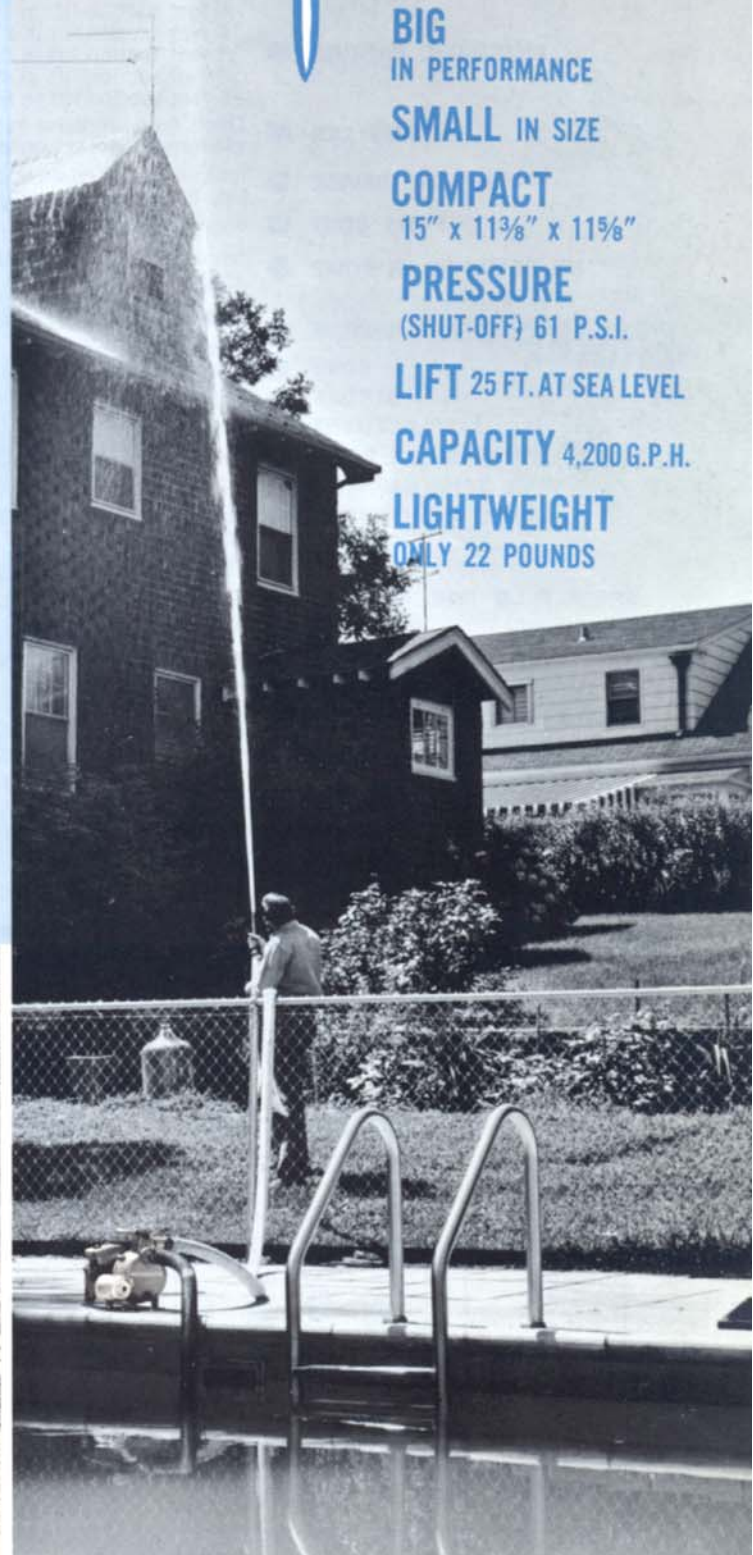
(SHUT-OFF) 61 P.S.I.

LIFT 25 FT. AT SEA LEVEL

CAPACITY 4,200 G.P.H.

LIGHTWEIGHT

ONLY 22 POUNDS



HOMELITE

SPECIFICATIONS

HOMELITE
XL S1½-1A

PUMP

- SUCTION** ● 1½"
- DISCHARGE** ● 1½"
- CAPACITY** ● 4200 gallons per hour
- TOTAL LIFT** ● 25 feet at sea level.
- TOTAL HEAD** ● Up to 140 feet, including friction (61 p.s.i.)
5 foot suction lift in 17 seconds.
10 foot suction lift in 23 seconds.
15 foot suction lift in 32 seconds.
20 foot suction lift in 45 seconds.
25 foot suction lift in 66 seconds.
- AUTOMATIC PRIMING** ●
- IMPELLER** ● Open type, abrasive resistant cast iron; large clearances allow passage of mud and solids.
- SEALING DEVICE** ● Extra long-life ceramic-carbon seal — no packing, no grease, no adjustment. (pat. pending)
- PUMP BODY** ● Aluminum alloy.
- NO BEARINGS IN PUMP** ● Impeller mounts directly on the engine crankshaft.

ENGINE

- ENGINE** ● Homelite Single Cylinder, Two Cycle Loop Scavenged
- BORE** ● 1¾"
- STROKE** ● 1¾"
- DISPLACEMENT** ● 3.3 cubic inch
- COMPRESSION RATIO** ● 8 to 1
- FUEL TANK CAPACITY** ● 15 oz. (auxiliary fuel tank kit available).
- FUEL AND MIXTURE** ● Regular gasoline with ½ pint (16 to 1) Homelite or SAE 30 motor oil per gallon.
- MAGNETO** ● High Tension, Water and Dust Proof
- SPARK PLUG TYPE AND GAP** ● Champion TJ-6-J .035 gap.
- BEARINGS** ● Anti-friction, Needle
- GOVERNOR** ● Automatic; air vane type
- SPEED CONTROL** ● Manual throttle control permits the matching of pump speed to job conditions. Speed can be varied from 6500 to 2500 R.P.M.
- CARBURETOR** ● Tillotson All-Position Diaphragm with Integral Fuel Pump and Strainer. External Adjustments.
- AIR FILTER** ● Micro Mesh Fiber
- STARTER** ● Automatic rewind starter

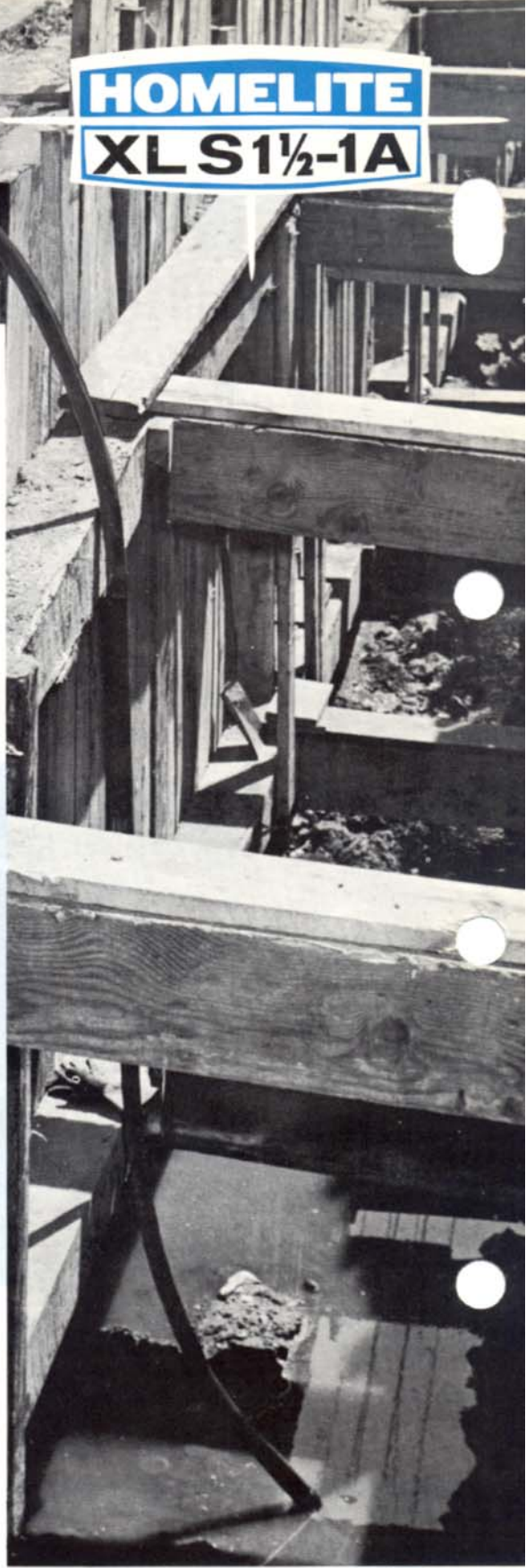
GENERAL

- WEIGHT** ● 22 lbs.
- MOUNTING** ● Entire unit mounted on skids with vibration isolating springs.
- OVER-ALL DIMENSIONS** ● Length 15"
Width 11¾"
Height 11⅝"
- FUEL CONSUMPTION** ● 2½ hours per gallon; (approximately 18½ minutes on built-in tank).

PERFORMANCE TABLE

Total Head (Including Friction) Feet	Capacity — G.P.M.				
	Suction Lift — Feet Above Water (At Sea Level)				
	5	10	15	20	25
25	72				
30	69	60	55	40	29
40	63	59	54	40	29
50	57	57	53	40	29
60	52	52	52	39	29
70	45	45	45	37	29
80	43	43	43	36	28
90	38	38	38	34	27
100	30	30	30	30	26
110	22	22	22	22	22
120	15	15	15	15	15
130	8	8	8	8	8

Total Head (Including Friction) P.S.I.	Capacity G.P.M.
	Pump 5 Feet Above Water
10	73
20	59
30	47
40	36
50	18
60	2



HOMELITE
A **Textron** DIVISION PORT CHESTER, N.Y. U.S.A.