

OPERATOR'S MANUAL

650889-XXD

SPECIFICATIONS, SERVICE KITS, GENERAL INFORMATION, TROUBLESHOOTING
INCLUDE MANUALS: 66651-B AIR MOTOR (PN 97999-869), 67300-X LOWER PUMP END (PN 97999-961) &
S-632 GENERAL INFORMATION MANUAL (PN 97999-624)

RELEASED: 2-5-01
REVISED:
(REV. A)

10" AIR MOTOR
44:1 RATIO
6" STROKE

650889-XXD EXTRUSION PUMP CARBON STEEL



**READ THIS MANUAL CAREFULLY BEFORE INSTALLING,
OPERATING OR SERVICING THIS EQUIPMENT.**

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.

SERVICE KITS

- Use only genuine ARO® replacement parts to assure compatible pressure rating and longest service life.
- **637110** for repair of Air Motor section.
- **637348-XXD** for repair of Lower Pump section.
Refer to the chart on page 2 for description of -XXD options.

SPECIFICATIONS

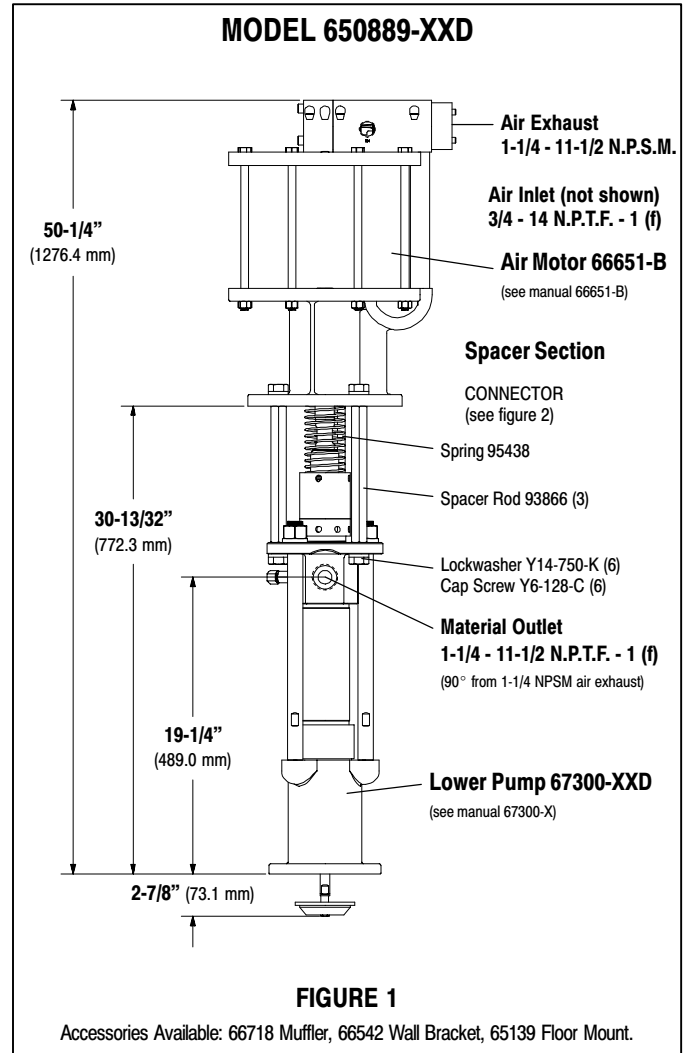
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|--------------------------------------|--|
| Model Series (refer to option chart) | 650889-XXD |
| Type | Air Operated, Extrusion, Double Acting Pump |
| Ratio | 44:1 |
| Air Motor | 66651-B |
| Motor Repair Kit | 637110 |
| Motor Diameter | 10" (25.4 cm) |
| Stroke | 6" (15.2 cm) |
| Air Inlet (female) | 3/4 - 14 N.P.T.F. - 1 |
| Air Exhaust (female) | 1-1/4 - 11-1/2 N.P.S.M. |
| Lower Pump End Series | 67300-XXD |
| Lower Pump Repair Kit | 637348-XXD |
| Material Outlet (female) | 1-1/4 - 11-1/2 N.P.T.F. |
| Weight | 165 lbs (74.8 kgs) |

PERFORMANCE

| | |
|--|---------------------------------------|
| Air Inlet Pressure Range | 30 - 90 p.s.i. (2.1 - 6.2 bar) |
| Fluid Pressure Range | 1320 - 3960 p.s.i. (91.0 - 273.1 bar) |
| Max. Rec'd Cycles / Minute | 70 |
| Displacement In ³ Per Cycle | 20.0 |
| Volume / Cycle | 11.08 oz. (327.6 ml) |
| Cycles Per Gallon | 11.55 |
| Flow @ 70 Cycles / Minute | 6.06 g.p.m. (22.94 l.p.m.) |
| Noise Level @ 60 p.s.i. - 40 cpm | 84.8 db(A) * |

- * The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L_{Aeq}) to meet the intent of ANSI S1.13-1971, CAGI-PNEUROP S5.1 using four microphone locations.

PUMP DATA



IMPORTANT

This is one of the four documents which support the pump. Replacement copies of these forms are available upon request.

- 650889-X MODEL OPERATOR'S MANUAL
- GENERAL INFORMATION - INDUSTRIAL PISTON PUMPS
- 67300-X LOWER PUMP END OPERATOR'S MANUAL
- 66651-B AIR MOTOR OPERATOR'S MANUAL



