

FEATURES

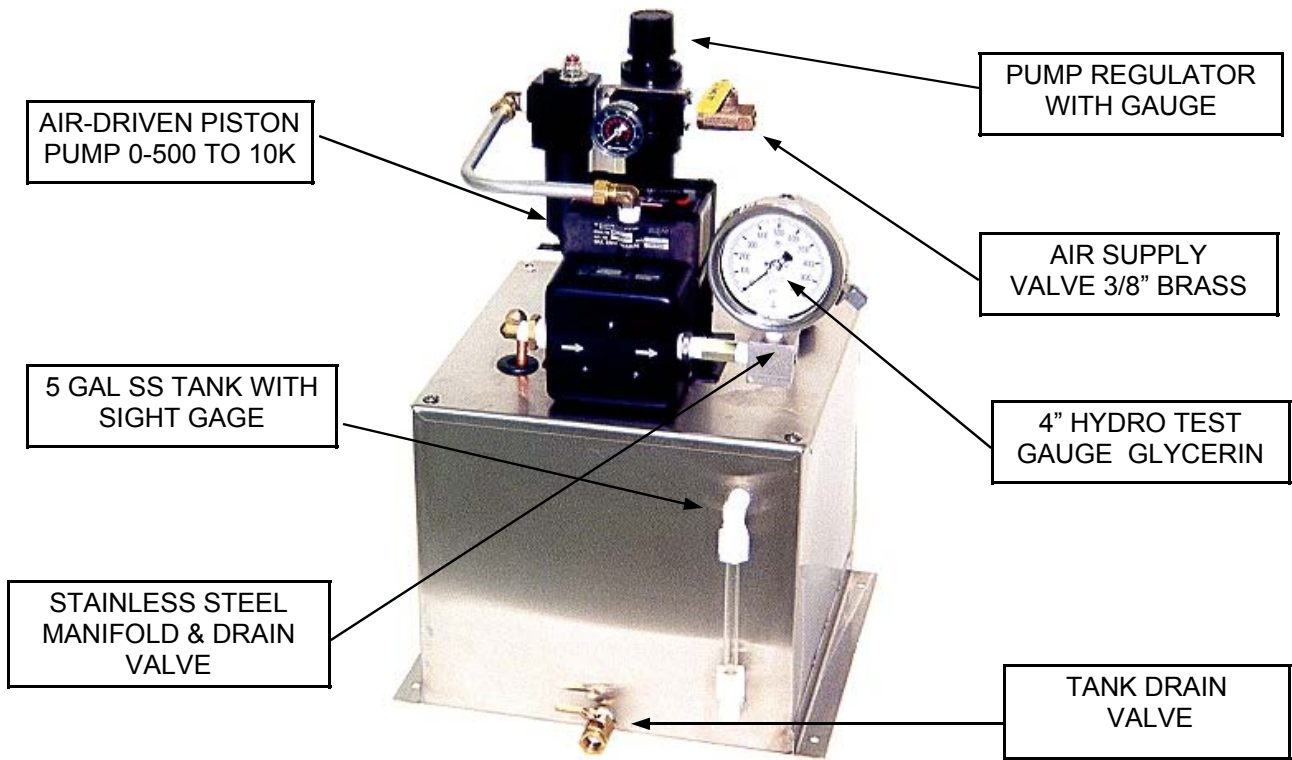
- **COMPACT UNIT:** Standard model with 5-gallon stainless steel reservoir.
- **AIR-DRIVEN PISTON PUMP:** Non-lubricated air-driven pump suitable for explosive environments, pump adjustable entire range, automatically stalls at pre-set pressure, starts when pressure drops below set pressure, enabling the pump to be left unattended.
- **HIGH FLOWS:** Double ended pumps provide higher flows and smooth pressure flows.

**SPECIFICATIONS**

PUMP TYPE AND PRESSURE RANGES	Air-driven, non lubricated, piston pump, 0-500, 0-1,000, 0-3,000,0-4,500, 0-6000, & 0-10,000 PSI, single & double ended.
HYDROSTATIC PRESSURE GAUGE	4" dial all stainless steel, glycerin-filled, 0.5% accuracy, full scale. Calibration certificates available extra.
AIR CONTROL SYSTEM	3/8" Air inlet port with I ball valve, filter,regulator with gauge, 50 micron filter.
DISCHARGE PRESSURE MANIFOLD	Stainless manifold, 3/8" NPT outlet port, 1/4" stainless steel drain valve.
RELIEF VALVES (OPTIONAL)	Relief Valves, 1/4" with quick disconnects, 50-350, 350-750, 750-1500, 1500-2250, 2250-3,000, 3,000-4,000, 4,000-5000, 5,000-6,000
HYDROSTATIC HOSE (OPTIONAL)	3/8" Hose x 10 feet long, with high pressure quick disconnect x 3/8" MPT on one end.
DIMENSIONS & WEIGHT	13" L X 13" W X 24" H, 55 LBS.(dry wt.)

ORDERING INFORMATION: Specify pump range, i.e. PS 100-CR Series, 0-3,000 PSI, specify if double ended pump required. Specify Relief Valve range, i.e. 2250-3,000 PSI. Hoses optional, standard 10 ft. lengths, longer hoses available, consult factory. Special gauge calibration with certification available.

PS 100-CR SPECIFICATIONS



PUMP FLOW CHARTS (CU.IN/MIN.)*

RATIO	RANGE (PSI)	FREE FLOW	@ 500 PSI	@ 1000 PSI	@ 3000 PSI	@ 5000 PSI	@ 10,000 PSI
5:1	500 PSI	1039					
10:1	1000 PSI	700	400				
21:1	2000 PSI	425	250	180			
34:1	3000 PSI	240	25	175	25		
64:1	6000 PSI	160	125	100	60		
114:1	10,000 PSI	44	38	36	30	18	10

*** BASED ON 100 PSI SHOP AIR, 25 SCFM FLOW, DOUBLE ENDED MODELS MULTIPLY X 1.7 FLOW RATES.**