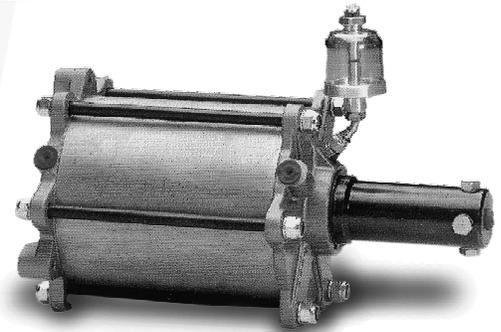


# MODEL M850

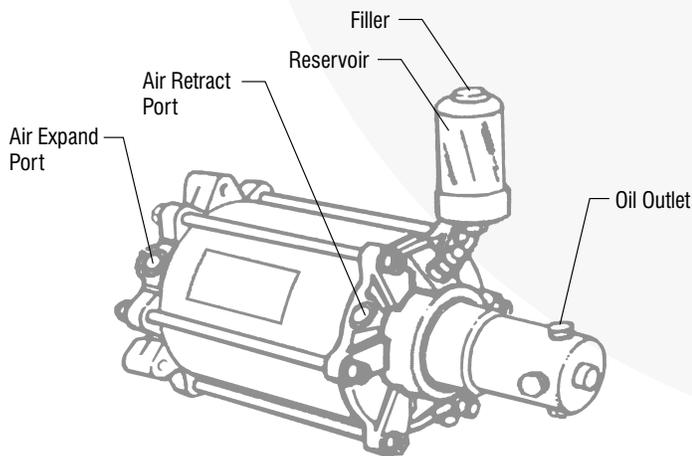
This unit is a conventional single shot, air-over-oil intensifier booster that does not have the ability to automatically make up for system leakage or usage. It does incorporate a large double-acting air cylinder with three ratios available, providing pressures to 6400 PSI and oil volume displacement of up to 10 cubic inches. An integral transparent reservoir allows for visual indication of oil level and availability.

Typical applications include clamping, punching, marking and riveting equipment.

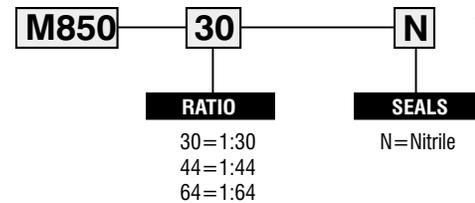


### Model M850

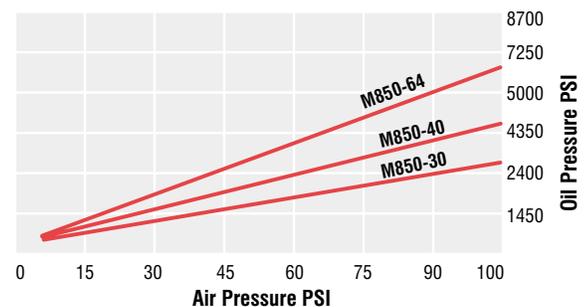
- Double acting air/oil booster
- This unit can be mounted horizontally and vertically (reservoir must be oriented for vertical mounting).
- Integral reservoir.
- Cost effective method of developing high pressure hydraulics (where the unit does not need automatic oil makeup like the "P" pumps are capable of).
- Excellent for use in conjunction with high force, low stroke actuators.
- 360° availability of oil ports and automatic air venting.

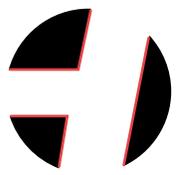


### Ordering Code Example

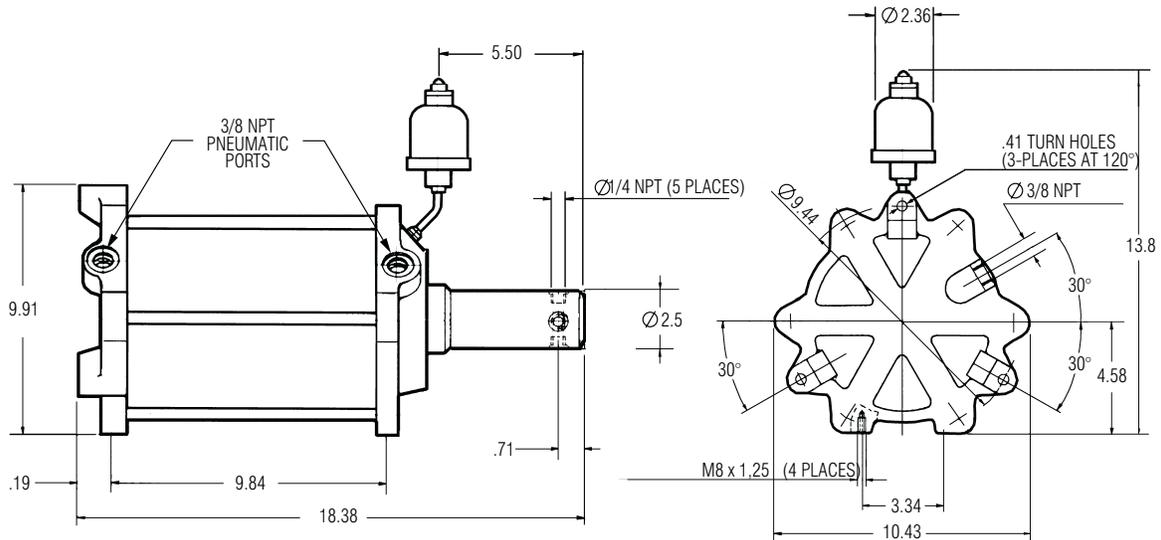


Booster Model No.	M850-30	M850-44	M850-64
Air Pressure PSI	30-100	30-100	30-100
Pressure Ratio	1 : 30	1 : 44	1 : 64
Max. Oil Pressure PSI	3000	4400	6400
Oil Displacement	10 cu. in.	6 cu. in.	4.5 cu. in.
Booster Weight	50 lbs	50 lbs	50 lbs





**Booster dimensions**



NOTE: All dimensions are in inches

**Typical booster circuit**

1	Filter, regulator and gage
2	Manual or electric air control valve
3	Quick exhaust valve
4	Booster
5	Cylinder
6	Pressure switch
7	Pressure gauge
8	Reservoir
P	High pressure outlet

