

Model 50 "Power Flare"

For consistent, uniform flares with ferrous, non-ferrous & stainless steel tubing



General Information

The "Power Flare" machine was designed and developed to provide a near perfect method of flaring brass, copper and steel (including stainless steel) tubing for pneumatic, hydraulic and fluid systems.

"Power Flare" has been tested and accepted by a multitude of customers.

Installations with pressures to 11,000 PSI are operating without leaks! "Power Flare" is simple to operate the machine at close to maximum efficiency after only a brief break-in period. Operation is simple and requires little physical effort.

No hand tools are needed. The unit is self-contained whether as a bench unit or with floor stand.

"Power Flare" is a precision built machine which provides flaring of perfect concentricity with finishes of 15 micro inches. In addition, the machine burnishes out scratches, weld joints and similar imperfections thereby insuring tight

joints and reduce maintenance for an indefinite period. The "Power Flare" method provides better flaring by producing a smooth, always uniform, surface for seating and does not 'work-harden' the metal near the danger point.

Model 50 "Power Flare" machine is manufactured to standard tolerance which conform to general Military Specifications for tube flaring.

"Power Flare" machines are available manufactured to a precision tolerance under which the flare produced conforms to N.A.S.A. Specification MC-146.



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"Power Flare" Tooling

Special tooling can be supplied to accommodate and required radius flare.

If you have a special tooling problem, consult our engineering staff. Sometimes our standard tooling is readily adaptable without the extra cost of entirely special tooling.

"Power Flare" Electrical

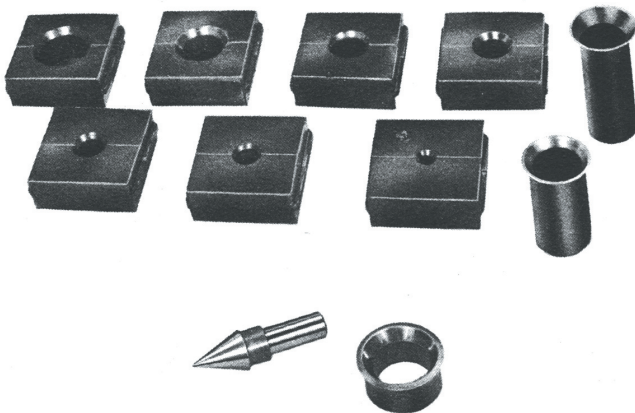
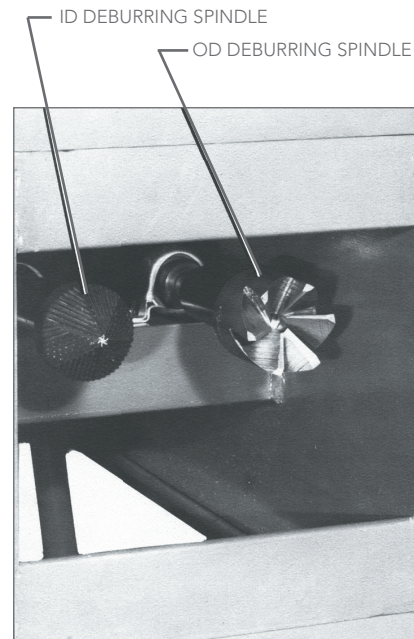
The "Power Flare's" 1/3 HP, 115V (other voltages available upon request), 60 Hz motor may be operated from any convenient outlet. Holes are arranged in the base for ease of mounting on any portable work bench.

"Power Flare" Dies

The following die sizes for various tubing sizes are standard and available from stock:

1/8" : 3/16" : 1/4" : 5/16" : 3/8" : 1/2" : 5/8" : 3/4" : 7/8" : 1" : 1-1/4" : 1-1/2" : 1-3/4" : 2" : 2-1/2" and 3".

For steel, copper, aluminum, stainless steel and other metal tubing. **Metric sizes are also available.**



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