

ENGINEERING DATA
Series A4 Balanced Air Holomatic Power Feed Units
4", 6", and 10" Stroke Models
General Specification Information

GENERAL

A series A4 Holomatic power feed unit, ready for operation, consists of an assembly of a basic unit and a

combination of accessories that provide the overall physical and operational characteristics required by each user (see below).

BASIC UNIT — Air powered and controlled feed device.

Ref.: **Bul. No. 21775-01**

ACCESSORY	DESCRIPTION
Spindle	Mounts tools, available with #33 Jacobs O.D. taper; $\frac{3}{4}$ " 1-1/16", and 1 $\frac{3}{8}$ " adjustable adapter; and #2 and #4 Morse taper sockets. Ref.: spindle and drive section
Quill Adapter	Non-rotating, round, or flange types secure multiple heads, etc. to quill. Ref.: spindle and drive section
Drive Assembly	Transmits motor power to spindle with vee or timing pulleys. Regular and high torque. Standard and reduction types and direct motor type. Ref.: spindle and drive section
Belt Housings	Belt housings mount NEMA "C" flange and foot frame motors to the unit either extended or overhead. Ref.: spindle and drive section
Motors	NEMA "C" flange and foot frame motors in $\frac{1}{2}$, $\frac{3}{4}$, 1, 1 $\frac{1}{2}$, 2, 3, and 5 HP sizes with 900, 1200, 1800, and 3600 RPM speeds for use with 3 phase, 60 Hz., 220/440 volt electricity rotate and power the spindle. Ref.: spindle and drive section
Pulleys and Belts	Step vee pulleys and belts develop spindle speeds to 7300 RPM, and speeds as low as 40 RPM are possible with reduction drives. Timing pulleys and belts are also available. Ref.: spindle and drive section
Remote Cycle and Interlock Components	Simplifies hookup of units to automatic cycle circuits. Ref.: controls section
Motor Reversing Control	Synchronizes stroke action of unit with motor rotation for tapping and threading. Ref.: Dwg. 20268-00
Threading Head Operator	Synchronizes opening and closing action of threading heads with stroke action of units for thread cutting or rolling. Ref.: Dwg. 30071-00 and 30138-00