

THE PRODUCTION
DRILLING SOLUTION

AutoDrill™

Series 1000 AutoDrill

The Series 1000 AutoDrill is a pneumatic controlled self-feeding drill. Pneumatic stroke controls allow it to perform many basic drilling operations. Operations difficult to perform manually can be setup for continuous trouble free production. Stroke control is adjusted by varying the line pressure and controlling the flow rate with pneumatic flow controls.

The main features of the Series 1000 AutoDrill are:

- Self feeding capabilities with air or oil
- Thrust forces to 100 lbs. with shop air
- Multiple drives available to suit the application
- Spindle speeds to 25,000 RPM
- Stroke length 0 to 1-1/2"
- Narrow width for close center drilling
- Built-in precision depth control
- All position mounting
- Easily upgraded to our Series 1100 AutoDrill
- Standard Precision ER Style Collet Chuck

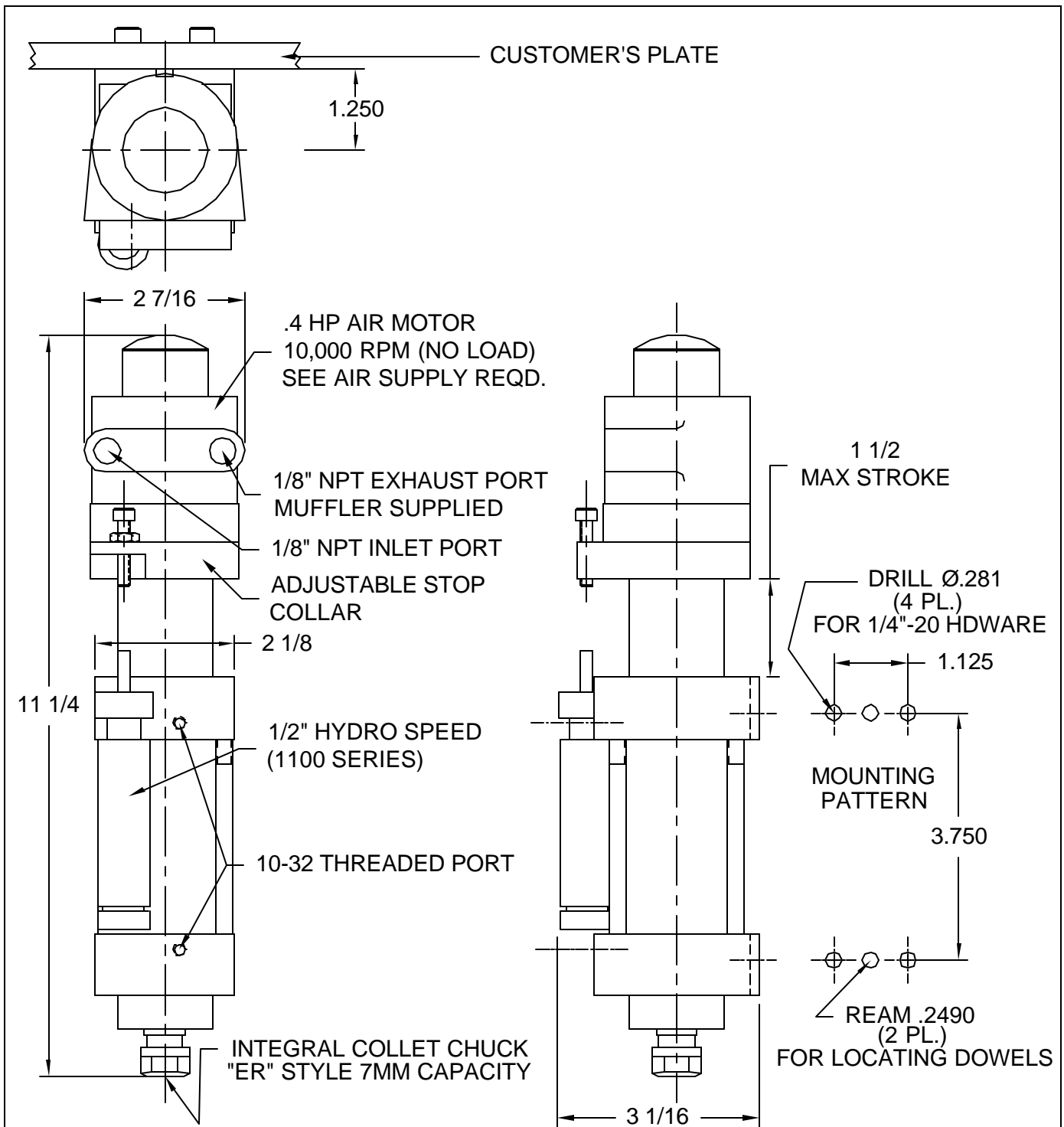


Series 1100 AutoDrill

The Series 1100 AutoDrill is based on the Series 1000 AutoDrill with the addition of a Hydro Speed feed control. This additional control is useful when a clean hole breakthrough, improved hole roundness in thin sections, very small holes, larger holes or when two-speed operation is desired.

Two-speed feed rate is standard. The pneumatic feed controls the less critical work approach and the Hydro Speed cylinder, when its' rod contacts the built-in stop, controls the critical work penetration rate. The cylinder does not increase the width of the unit. This feature is appreciated when drilling closely spaced holes. Maintenance is also simplified since it can be adjusted or replaced without disturbing the AutoDrill body.

Call Toll Free 800-871-5022 For More Information



NOTES:

- THRUST 104 LBS. @ 100 PSI
- WEIGHT: 6.9 LBS. INCL. DRIVE
- DRILL DIA. CAPACITY:
 - 7/32" ALUM
 - 1/8" STEEL
 - 1/4" WOOD/PLASTIC
- 10 TO 25 SCFM AT 80 PSI AIR SUPPLY REQUIRED PER DRILL

TOLERANCE (UNLESS SPECIFIED)	
FRACTIONAL +/-	1/32
DECIMAL .XX	+/- .015
DECIMAL .XXX	+/- .005
ANGULAR +/-	1/2°
FINISH	63 MICROINCH
CORNER	R.010 MAX
INT. THREADS	UN CLASS 2B
EXT. THREADS	UN CLASS 2A
⊥	.003/INCH MAX DEV
∥	.003/INCH MAX DEV

AutoDrill™		
1000/1100 SERIES AUTODRILL		
DATE	DRAWN BY	DRAWING NO.
6/12/00		1000_AM_AIR
SCALE	MATERIAL	
HALF		

AutoDrill