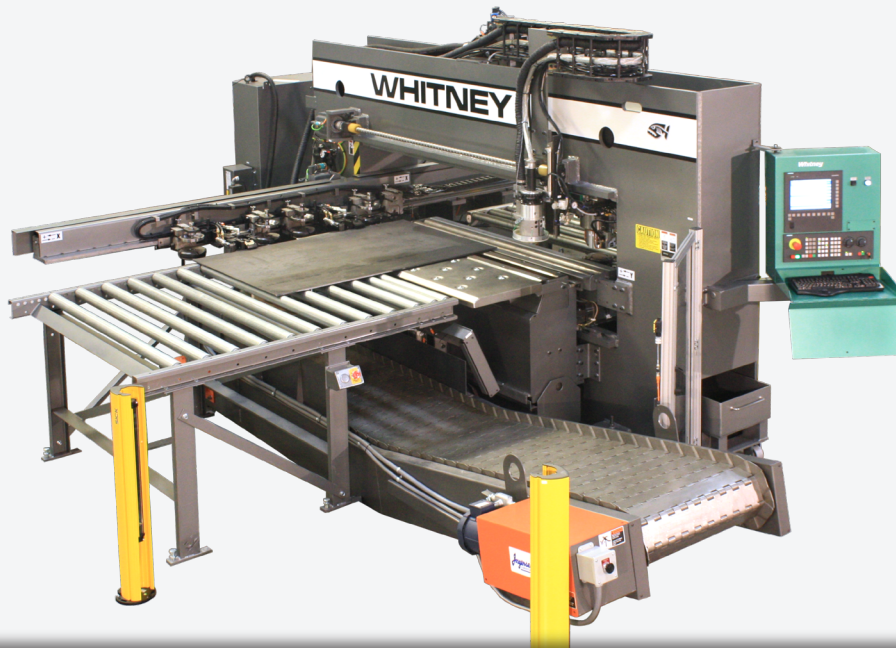


WHITNEY



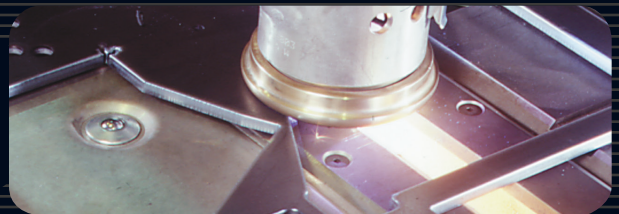
Whitney 3400

Combination Punch Plasma Machine Tool

- **Affordable**—less investment than laser machines; priced at \$355,000
- **Machined Quality Holes**—with the ProPunch process
- **Productive**—out-produce lasers or plasma tables up to 3x
- **Reliable**—engineered and built with famous Whitney strength and quality
- **Compact**—similar floor space to the Whitney 647 series (A, B, C, D)

Ultimate Combinations

LASER PLASMA BEVEL PUNCH MILL
TAP FORM MARK INTEGRATE



PIRANHA • WHITNEY • BERTSCH

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Specifications – Model 3400

	INCH	METRIC
PUNCHING FORCE	40 Tons	360 kN
MATERIAL THICKNESS		
Minimum	.060"	1.5 mm
Maximum	.500"	12.7 mm
MAXIMUM PUNCH DIAMETER	5.000"	127 mm
PUNCHING CAPACITY A36 (60 ksi/410 MPa Shear Strength)		
.250" (6 mm)	5.000" (shear)	127 mm (shear)
.375" (10 mm)	2.344" (shear)	59.5 mm (shear)
.500" (12.7 mm)	1.406" (shear)	35.7 mm (shear)
PUNCHING HIT RATE	80 HPM	
<i>10 gage (3 mm) material punched on 1" (25.4 mm) centers</i>		
AUTOMATIC TOOL CHANGER (Number of tools)	5	
PROCESSING AREA		
X-axis	80"	2000 mm
Y-axis	61.5"	1560 mm
POSITIONING SPEED PER AXIS	1,200 in/min	30 m/min
POSITIONING ACCURACY	±0.005"	±0.13 mm
MINIMUM PROGRAMMED INCREMENT	0.001"	0.01 mm
MAXIMUM MATERIAL WEIGHT	750 #	340 kg
MAXIMUM BLANK SIZE		
Without Repositioning	60" x 60"	1500 x 1500 mm
With Auxilliary Tables and Repositioning	60" x 120"	1500 x 3000 mm
<i>Longer plates can be processed using automatic repositioning. These applications require the use of auxilliary support tables (optional).</i>		
APPROXIMATE SHIPPING WEIGHT		
Base Machine & Accessories	28,000 #	12,700 kg
<i>Optional accessories will increase overall shipping weight. Largest component weight is less than 20,000 # / 9,100 kg.</i>		
FOUNDATION REQUIREMENT	<i>An 8" / 200 mm reinforced concrete foundation is required beneath the press frame. See specific foundation requirements.</i>	
ELECTRICAL REQUIREMENT	480/3/60 120 KVA	



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