

# Gerber Profile™

SPECIFICATIONS



It's extremely **versatile**.  
Incredibly **accurate**.  
Very **easy to use**.  
And unbelievably **affordable**.

It's the revolutionary Gerber Profile,  
the ultimate tool for generating  
dieboards, counter plates, strippers  
and blankers quickly and easily.



**GERBER INNOVATIONS**

*A Division of Gerber Scientific, Inc.*

CHANGING THE RULES IN DIEMAKING.

# System Specifications

SPECIFICATION	PROFILE 404	PROFILE 408
Active cutting area	53.25" x 53.75" (1353 mm x 1365 mm)	53.25" x 101.75" (1353 mm x 2584 mm)
Overall size	68" x 75" (1730 mm x 1900 mm)	68" x 123" (1730 mm x 3120 mm)
Overall crated size	75" x 81" (1905 mm x 2057.4 mm)	75" x 130" (1905 mm x 3302 mm)
Weight	1245 lb. (564.7 Kg)	1575 lb. (714.4 Kg)
Crated weight	1760 lb. (798.3 Kg)	2530 lb. (1147.6 Kg)
Maximum material thickness	4.4" (110 mm)	4.4" (110 mm)
Maximum material width	59" (1500 mm)	59" (1500 mm)
Z axis travel	7.5" (190 mm)	7.5" (190 mm)
Maximum X,Y cutting rate*	600 ipm (250 mm/sec)*	600 ipm (250 mm/sec)*
Maximum Z cutting rate*	600 ipm (250 mm/sec)*	600 ipm (250 mm/sec)*
Maximum positioning rate**	1400 ipm (593 mm/sec)	1300 ipm (590 mm/sec)
Resolution	0.000078" (0.0019 mm)	0.000078" (0.0019 mm)
Drive system	Anti-backlash lead screw	Anti-backlash lead screw
Controller/motors	32-bit servo	32-bit servo
	*Depending on material type, thickness, and kerf width **At nominal power	

## P A T E N T S P E N D I N G

### AC Power Requirements

Table	50/60 Hz, 230 V AC nominal, single phase
Spindle	50/60 Hz, 230/460 V AC nominal, three phase
Vacuum Pump	50/60 Hz, 230/460 V AC nominal, three phase

### Power Consumption

Table	30 Amp
Spindle	Varies based on spindle
Vacuum Pump	230 V AC – 23 Amp      460 V AC – 11.5 Amp

### Operating Temperature

50-90° F (10-32° C)

### Operating Humidity

20-90% RH, Non-condensing

### Air Requirements

105 psi minimum at 10 cfm, clean dry air  
7.4 Kg/cm<sup>2</sup> at 283 l/min



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