GERBER INNOVATIONS
A Gerber Scientific Company

Profile Series

Die Tool Router System

Plotting ➤ Cutting ➤ Creasing ➤ Routing ➤ Drilling ➤ Bending ➤ Printing

Features

- A cost effective system for die tool fabrication
- Accurate, easy high-speed routing
- Coating blankets
- Complete range of die tools
  - > Flat steel-rule dieboards
  - > Phenolic counter plates
  - > Strippers
  - > Blankers
  - > Samples
  - > 1 mm thin plates

Innovative cutting technology provides unprecedented accuracy, versatility and affordability.

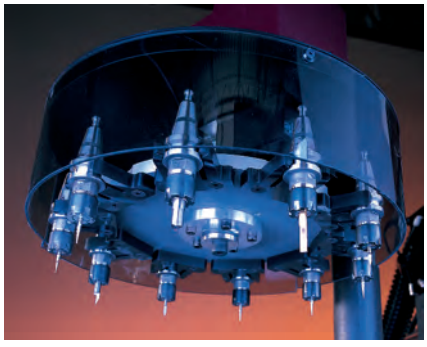
The Gerber Profile is a diemaker unlike any other. It's a highly accurate, exceptionally versatile router than enables die shops to perform multiple functions on a single piece of affordable equipment. The Profile is a die tool routing system that generates all types of die cutting tools quickly and easily.

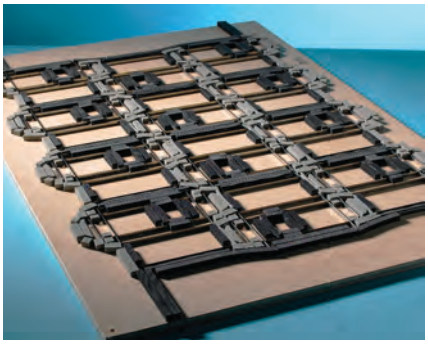
Advanced machining for fast, accurate material removal.

It all starts with Profile's patented digital rotary machining process. With its carbide conical cutting tool, the Profile cuts a dieboard into two layers; each a mirror image of the other. Combining the forces of a high-performance adhesive and the Profile Press, the layers are laminated together to form a dieboard that is exceptionally strong, and flat—the perfect combination for unequaled rule holding.

A complete shop in one machine.

The Profile performs like no other system on the market—it can generate all components of a die tool set, on demand! With its optional application kits, you can generate dies, counter plates, male and female blankers and strippers, custom samples, and coating blankets. The Profile does it all! It even chamfers automatically on both sides of the same board in perfect registration. The Profile works with a wide range of materials including plywoods, phenolic and plastic.





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Technical Specifications

Model	Profile 408	Profile 404
Table Size	123" long x 68" wide x 60" high 3124 mm x 1727.2 mm x 1524 mm	75" long x 68" wide x 60" high 1905 mm x 1727.2 mm x 1524 mm
Active Cutting Area	53.5" wide x 102" long 1358.9 mm x 2590.8 mm	53.5" wide x 51" long 1358.9 mm x 1295.4 mm
Weight	1575 lbs./714.4 kg	1245 lbs./564.7 kg

For dieboard applications the optional Profile Press 24 or 48 is required

	Profile Press 24	Profile Press 48
Maximum Dieboard Size	57" wide x 42" high 1447.8 mm x 1066.8 mm	96" wide x 51" high 2438.4 mm x 1308 mm
Press Size	63" long x 25" wide x 62" high 1600.2 mm x 635 mm x 1574.8 mm	104" long x 25" wide x 66" high 2641.6 mm x 635 mm x 1674.4 mm
Weight	294 lbs./133.5 kg	425 lbs./192.5 kg
Electrical Requirements	115V, 60 Hz, 5.4 Amps	120V, 60 Hz, 13 Amps
Working Vacuum Pressure	26 in. Hg (12.73 psi)*	25 in. Hg (12.24 psi)*

** Over 13,000 lbs. of force for a 28" x 40" dieboard*

Accessories

Electrical Cabinet Size	25" long x 18" wide x 29" high (635 mm x 457.2 mm x 736.6 mm)
Electrical Cabinet Weight	175 lbs./79.4 kg
Electrical Requirements	187 – 264 V, single phase, 50/60 Hz
ATC 3 hp Spindle Electrical Requirements	200-230 V, single phase, 50/60 Hz
Vacuum Pump Motor Electrical Requirements	10 hp, three phase, 200-240 V at 23 Amp 10 hp, three phase, 400-480 V at 11.5 Amp 10 hp, three phase, 520-630 V at 10 Amp
Compressed Air Requirements	120 psi (8.44 kg/cm2) min. at 12 cfm (0.34 cmm)** *** Compressed air requirements for metal cutting applications will be higher.*

Technical specifications subject to change.

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Overall Dimensions