

## TECHNICAL SPECIFICATIONS

- Model:** Signature 9088
- Size:** Main unit: 15" H\* x 57" W x 41" D (38cm H\* x 145cm W x 104cm D)  
Footprint: 55" W x 36.5" D (140cm W x 93cm D)  
\*Overall height including Spindle Control Wire: 31" (79cm)
- Weight:** 120 lbs. (54 kg.)
- Power:** 110/120V, 60Hz or 230/240V, 50Hz
- Max. Operating Current:**  
3A
- X-Y Travel:** 48" x 25" (121.92cm x 63.50cm)
- Spindle Traversing Speed:**  
1.5"/sec (38mm/sec) max. engraving speed  
2.6"/sec (66mm/sec) max. positioning speed
- Z-axis Travel:** 1" (25.4mm)
- Spindle Force:** Surface Sensing, Adjustable, ~1-10 lb. ±1 lb. (~0.5-4.5 kg ±0.5 kg.)
- Cylindrical Capacity:**  
N/A, or 6" (152mm) diameter with optional upgrade
- Spindle Type:** Top loading, 11/64" (4.36mm) diameter
- Rotary Cutter (Spindle) Motor:**  
Power: 0-90VDC  
Speed: Adjustable, ~0-10000 RPM  
Horsepower: 1/7 HP
- Illumination:** N/A (mounting bracket included for flexible arm lamp)
- Current Overload Protection:**  
110/120V – One 3A, 250V Slow Blow Fuse (1/4" x 1-1/4")  
230/240V – Two 2A, 250V Slow Blow Fuses (5mm x 20mm)
- Residual Current Protection:**  
N/A
- Data Transmission:**  
RS232 Serial Cable