

## TECHNICAL SPECIFICATIONS

- Model:** Signature 8080
- Size:** Main unit: 14" H\* x 24.5" W x 17.5" D (36cm H\* x 62cm W x 44cm D)  
Footprint: 24.5" W x 17.5" D (62cm W x 44cm D)  
\*Overall height including Spindle Control Wire: 32" (81cm)
- Weight:** 81 lbs. (37 kg.)
- Power:** 110/120V, 60Hz or 230/240V, 50Hz
- Max. Operating Current:**  
3A
- X-Y Travel:** 8" x 11.5" (20.32cm x 29.21cm)
- 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:**  
8" (305mm) diameter
- Spindle Type:** Top loading, 11/64" (4.36mm) diameter
- Rotary Cutter (Spindle) Motor:**  
Power: 0-90VDC  
Speed: Adjustable, ~0-10000 RPM  
Horsepower: 1/12 HP
- Illumination:** Two 40W appliance bulbs (120V or 240V)
- 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:**  
Equipment Leakage Current Interrupter (ELCI) Module  
Protects against residual current greater than 10mA
- Data Transmission:**  
RS232 Serial Cable