

TECHNICAL SPECIFICATIONS

- Model:** Signature 8080 Plus
- Size:** Main unit: 18.75" H* x 29.5" W x 17.5" D (48cm H* x 75cm W x 44cm D)
Footprint: 24.5" W x 14.75" D (62cm W x 37cm D)
*Overall height including Spindle Control Wire: 42" (107cm)
- Weight:** 105 lbs. (48 kg.)
- Power:** 110/120V, 60Hz or 230/240V, 50Hz
- Max. Operating Current:**
3A
- X-Y Travel:** 8" x 16" (20.32cm x 40.64cm)
- 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:**
12" (305mm) diameter
- Spindle Type:** Top loading, 11/64" (4.36mm) diameter
- Rotary Cutter (Spindle) Motor:**
Power: 0-90VDC
Speed: Adjustable, ~0-10000 RPM
Horsepower: 1/7 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