



SEA BOX[®]

Mobile Machine Shop Mill

SB1126-012
 Mobile Machine Shop Mill



STANDARD PRODUCT FEATURES

- Programmable System
 - Full-Color User Interface
 - Interactive Operating System
 - No G-Code experience necessary
 - Built-in Machining Calculators
 - One-Button Features
- 4000-rpm Vector Drive Spindle
- Standard 40-Taper Tooling
- Brushless Servos on All Axes
- Accepts Single or Three-Phase Power
- 15" LCD Monitor w/USB Port
- Built-In Toolholder Rack
- LED Beacon Light

GENERAL		
Machine Weight	2,900 3,850 lb.	1,315 1,746 kg.
Air Required	4 scfm, 100 psi.	113 Lpm, 6.9 bar
Power Required (min)	208 VAC 3-Phase @ 30A 240 VAC 1-Phase @ 50A	

TABLE		
Length	47.75 in.	1,213 mm.
Width	10.5 in.	267mm.
Max Weight on Table (evenly dist.)	1000 lb.	454 kg.

TRAVELS		
X	30 in.	762 mm.
Y	12 in.	305 mm.
Z	16 in.	406 mm.
Spindle Nose to Table Top (approx.)	4-10 in.	102-508 mm.

T-SLOTS		
T-Slots Width	5/8 in.	16 mm.
No. of T-Slots	3	
Center Distance	4 in.	101.6 mm.

FEEDRATES (Max Rapids)		
X-Y-Z Axis	200 400 ipm	5.1 10.2 m/min

TOOL CHANGER		
Capacity	10 (opt) 10	
Tool Type/Taper	CT or BT 40	
Max Tool Diameter	3.5 in.	89 mm.
Max Tool Weight	12 lb.	5.4 kg.
Tool-to-Tool (Avg)	5.7 sec.	

ACCURACY		
Positioning	+/- 0.0004 in.	+/- 0.010 mm.
Repeatability	+/- 0.0002 in.	+/- 0.005 mm.

SPINDLE		
Taper Size	# 40 Taper	
Speed	4000 6000 rpm	
Drive System	Direct Speed, Belt Drive	
Max Torque (1200 rpm)	33 ft-lb.	45 Nm.
Spindle Max Rating	7.5 hp.	5.6 kW.

BRUSHLESS AXIS MOTORS		
Max Thrust Rating	2000 lb.	8,896 N.

081809-R00

ISO 9001:2008



CERTIFIED QUALITY MANAGEMENT SYSTEM

ALL DIMENSIONS AND WEIGHTS ARE NOMINAL AND SUBJECT TO MINOR VARIATIONS THAT MAY OCCUR DURING THE MANUFACTURING PROCESS