



**CENTROID™**

# Bridgeport Boss Retrofit Kit

**Keep that solid Bridgeport working for you!**

- Conversational and G code programming
- Start, stop, and resume jobs at any point
- Reliable, solid, user-friendly operation
- Smoother, faster machine tool action
- Service and Tech support available
- Easier programming and setup
- Better accuracy
- Tool path graphics
- Installs in 12 hours
- True 3 axis CNC
- Optional 4th axis



**After!**

**before**



Priced from:

**\$8060**

Custom designed specifically for the ***Bridgeport***\* Boss

**Professional Installation and Training available!**

**Good iron! Obsolete control!**

\*Bridgeport is a registered trademark of Bridgeport Machines, LTD.

# Bridgeport Boss Retrofit Kit

Price List		
Part #	Description	Price
10471	M-400S Kit	\$9550
10701	M39S Kit w/Keyboard Control	\$8060
10703	Add-on remote pendant	\$762
<b>OPTIONS</b>		
10540	Upgrade to 40 in/lb motor per axis	\$325
10264	220 or 440 VAC input voltage	\$850
	On-site CNC training	\$680/day
	One Year On-Site Service	\$2500
10740	Engraving	\$665
10770	Digitizing* requires #10405	\$4200
10405	Probe with Probing Cycles	\$1825
10220	Auto Tool Setter	\$695
10730	Conversational for your PC	\$495
10450	150mm Rotary Table -- 4th Axis	\$5709
10451	200mm Rotary Table -- 4th Axis	\$6673
10475	Bridgeport Air Motor Spindle Control	\$150
10711	Fully wired - includes coolant control, limit switch cables, lube cable, and spindle inverter cables, spindle power cables, or spindle reversing contactors with spindle power cables	\$635



## M400S Kit (#10471)

Includes:

- 15" LCD Console
- Control Panel
- Electrical Cabinet
- Embedded PC
- Three 29 in-lb Servo Motors
- Support Arm
- Keyboard and Tray



## M39S Kit (#10701)

(shown with optional pendant)

Includes:

- Electrical Cabinet
- Control Pendant
- Embedded PC
- Three 29 in-lb Servo Motors
- Support Arm and Tray  
(User supplies monitor and keyboard)

## Kit Features:

- 110 Volt operating Voltage
- For machines with manual quill, control can be run as a 2 axis
- Reuses stock belts and pulleys
- Graph and edit common G code programs
- Program parts right at the control
- Connect control to office PC with LAN
- Flood and mist output signal provided to drive your relays and contactors

## Add new CNC capabilities to your Bridgeport:

- Threadmilling
- Conversational Programming
- 2D and 3D contouring
- Digitizing\*
- Copy Cams and contours\*
- Auto Tool measure\*
- Auto fixture/part setup\*

\*optional feature



**CENTROID™**  
159 Gates Rd.  
Howard, PA 16841  
(814) 353-9256 Sales  
(814) 353-9265 Fax  
www.centroidcnc.com



Made with Pride  
in the USA

## End Result:

- Huge program memory compared to old control
- See part graphics while programming and while machining
- Remembers zero positions, part programs, and tool libraries even with power removed
- Reduces shop floor footprint of the machine
- PC-based control is compatible with modern PCs
- Floppy drive, solid state hard drive, LAN connection
- New axis motors are a direct bolt-up
- New axis motors have better accuracy than old motors

## Distributor: