



# VB160SF VERTICAL BORING

## FEATURES

- Pair of parallel supports
- CBN milling head
- 30° short chamfering tool for cast iron
- Edge clamp assembly
- Tools measuring device
- Device for tool positioning and quick return of boring head at end of cut
- Operating manual
- Service tools

## OPTIONS

- Boring head from 3.15" - 4.92" diameter
- Boring head from 4.92" - 7.87" diameter
- Universal V-Engine & cylinder head roll-over kit
- Vertical depth measuring device
- Spindle storing and loading fixture
- Linear encoders XYZ axis and digital readout
- Radial head for chamfering from 2.37" - 12.59" diameter
- Tool sharpening device
- Teleservice unit WiFi + ETH for NC machines complete with cable and ip configuration assistance
- Service for remote diagnostics on NC machines
- Identification of the problem or of the machine stop
- Remote connection from WVN to customer machine upon call
- Remote software update
- Service manual



**The VB160SF creates precise diameters and smooth finishes.**

**The vertical spindle allows for high precision and stability, particularly with engine blocks and large metal components.**

Model	Details
<b>Boring Range</b>	1.3" - 6.9"
<b>Milling Head Diameter</b>	13.1"
<b>Max. Vertical Travel (Head)</b>	20.5"
<b>Distance from Spindle to Column</b>	14.6"
<b>Spindle Rotation Speed</b>	Variable 150 - 700 RPM
<b>Spindle Feeds</b>	Variable 0.5 - 5.5 IPM
<b>Table Surface Dimensions</b>	54.3" x 15.8"
<b>Max. Longitudinal Travel of Table</b>	49"
<b>Max. Traverse Travel of Table</b>	3.5"
<b>Main Motor Power</b>	2HP
<b>Fast Movement Motor Power</b>	0.5HP
<b>Overall Dimensions</b>	94" l x 52" w x 98" h
<b>Approx. Shipping Weight</b>	5,450 lbs.