



# VB420SF 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 VB420SF 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>	1.18" - 15.74"
<b>Max. Boring Height</b>	38.189"
<b>Max. Vertical Travel (Head)</b>	38.18"
<b>Max. Milling Width</b>	15.74"
<b>Max. Milling Length</b>	68.89"
<b>Distance from Spindle to Center</b>	16.53"
<b>Table Size</b>	78.74" x 25.59"
<b>Max. Side to Side Travel of Table</b>	76.77"
<b>Max. Front to Back Travel of Table</b>	6.88"
<b>Required Working Width</b>	203"
<b>Spindle Rotation</b>	60 - 600 RPM
<b>Column Up &amp; Down Movement</b>	0 - 4" / minute
<b>Table Side to Side Movement</b>	0 - 8" / minute