

VB200 - 8" Stroke VB650 - 17" Stroke Valve Boring Machines



- **Helical geared spindle drive**
- **Infinitely variable auto feed**
- **Hard Chrome boring column**
- **4 Jaw quick set base**
- **Boring and facing operations**

The machine is supplied complete with toolkit including tools and inserts, air filter lubricator and hose connection, all required mounting bases and extensions, storage / shipping box, CE certificate, packing list and manual.

A precision valve boring machine for MSIV valves, globe valves, turbine throttle, control valves, safety valves and stop check valves. The machine provides a surface finish on the valve pressure seal area, guide ribs and seat that requires minimal grinding/ lapping.

Technical Details

	VB200		VB650	
Minimum Boring Diameter (Ø100mm column)	50mm	2"	152mm	6"
Maximum Boring Diameter	405mm	16"	650mm	26"
Maximum Stroke (extensions optional)	203mm	8"	450mm	17"
Bar R.P.M. - Pneumatic (motor specific)	Min: 12	Max: 127	Min: 12	Max: 127
Bar R.P.M. - Hydraulic (motor specific)	Min: 1	Max: 130	Min: 1	Max: 130
Drive - Pneumatic @ 90 p.s.i (6 bar)	2.61 Kw	3.5 Hp	2.61 Kw	3.5 Hp
Feed - Pneumatic @ 90 p.s.i (6 bar)	0.67 Kw	0.9 Hp	0.67 Kw	0.9 Hp
Drive - Hydraulic @ 1050 p.s.i (70 bar)	3.73 Kw	5.0 Hp	3.73 Kw	5.0 Hp
Feed - Hydraulic @ 1050 p.s.i (70 bar)	1.64 Kw	2.2 Hp	1.64 Kw	2.2 Hp
Air Consumption / Supply Required	2.77 m ³ /m	98 s.c.f.m	2.77 m ³ /m	98 s.c.f.m
Hydraulic Supply Required	50 L/min	10 Gal/min	50 L/min	10 Gal/min

Feed Rates

Boring Feed Rate - Infinitely Variable	0 - 51mm/min	0 - 2.0"/min
Hand Crank Feed / Revolution	2.0mm	0.078"

Weights and Dimensions

	VB200		VB650	
Machine Weight (with 4 jaw mounting base)	148 Kgs	235 Kgs	250 Kgs	550 Lbs
Shipping Weight	208 Kgs	457 Kgs	300 Kgs	660 Lbs

Shipping Dimensions - VB200	L - 90cm - (35")	W - 50cm - (20")	H - 50cm - (20")
-----------------------------	------------------	------------------	------------------

Shipping Dimensions - VB650	L - 120cm - (47")	W - 90cm - (35")	H - 90cm - (35")
-----------------------------	-------------------	------------------	------------------

