

PUMP & INDUSTRIAL PRODUCTS

Western Branch Metals manufactures high-quality, reliable pumps and products for many industries, including:

- Residential and commercial fluid handling market
- Marine Industry
- Military

With state-of-the-art equipment and end-to-end capabilities, we're able to deliver quality products quickly and accurately.

Lathes	SHAFT DIAMETER		MACHINED LENGTH	SWING		BAR MAX LENGTH
	Min	Max	Inches	With Steady Rest	Without Steady Rest	Feet
Mazak Integrex 300-IVS	0.75	3.00	60"	N/A	9"	30'
Mazak Integrex 400-III	2.00	4.00	60"	N/A	16"	30'
Fortune V-turn 36	2.50	6.375	43"	N/A	18"	32'
Birmingham DL1860	0.75	3.19	56"	N/A	9"	12'
Mazak Quick Turn 25N	0.75	3.25	36"	N/A	9"	27'
Mazak Integrex e-500H II**	1.75	6.25	106"	12 1/2"	24 1/2"	37'
Mazak Quick Turn 350-II Y		4.00	83"	6 1/2"	16"	

** Equipped with a Renishaw Probe

"Shaft Diameter" reflects the max through the spindle bore.

"Machined Length" reflects the max length within the machining envelope.

"Bar Max Length" is applicable when the part diameter is less than the Max Shaft Diameter listed.

Mills	SHAFT DIAMETER				
	Min	Max	X	Y	Z
Mazak VTC 200/50	0.75	8	43	20	20
Knuth FU 321 M	0.75	3	52	25	18
Sharp LMV	N/A	N/A	34	14	18
R&B RB1	N/A	N/A	34	14	18

Bar Polishing/Grinding
Portsmouth Tool & Die Dual Head
Rand-Bright Single Head

Keyseater	HEIGHT	DIAMETER	KEYWAY WIDTH
	Mitts and Merrill	17	15

Straightening Presses
Eitel 40 Ton Press
Eitel 60 Ton Press
Eitel 250 Ton Press

Quality Inspection
FARO Prime 8 foot, 6-axis arm
FARO Prime 4 foot, 6-axis arm
Renishaw Probe (see Integrex e-500H)

Metallurgical Lab Equipment
Unitron Metallurgical Microscope
Rockwell Hardness Tester (A,B&C)
RR Moore Fatigue Tester
Insize Digital Microscope
Sample Preparation Facilities

We can straighten up to 8"
(depending on the length and alloy)