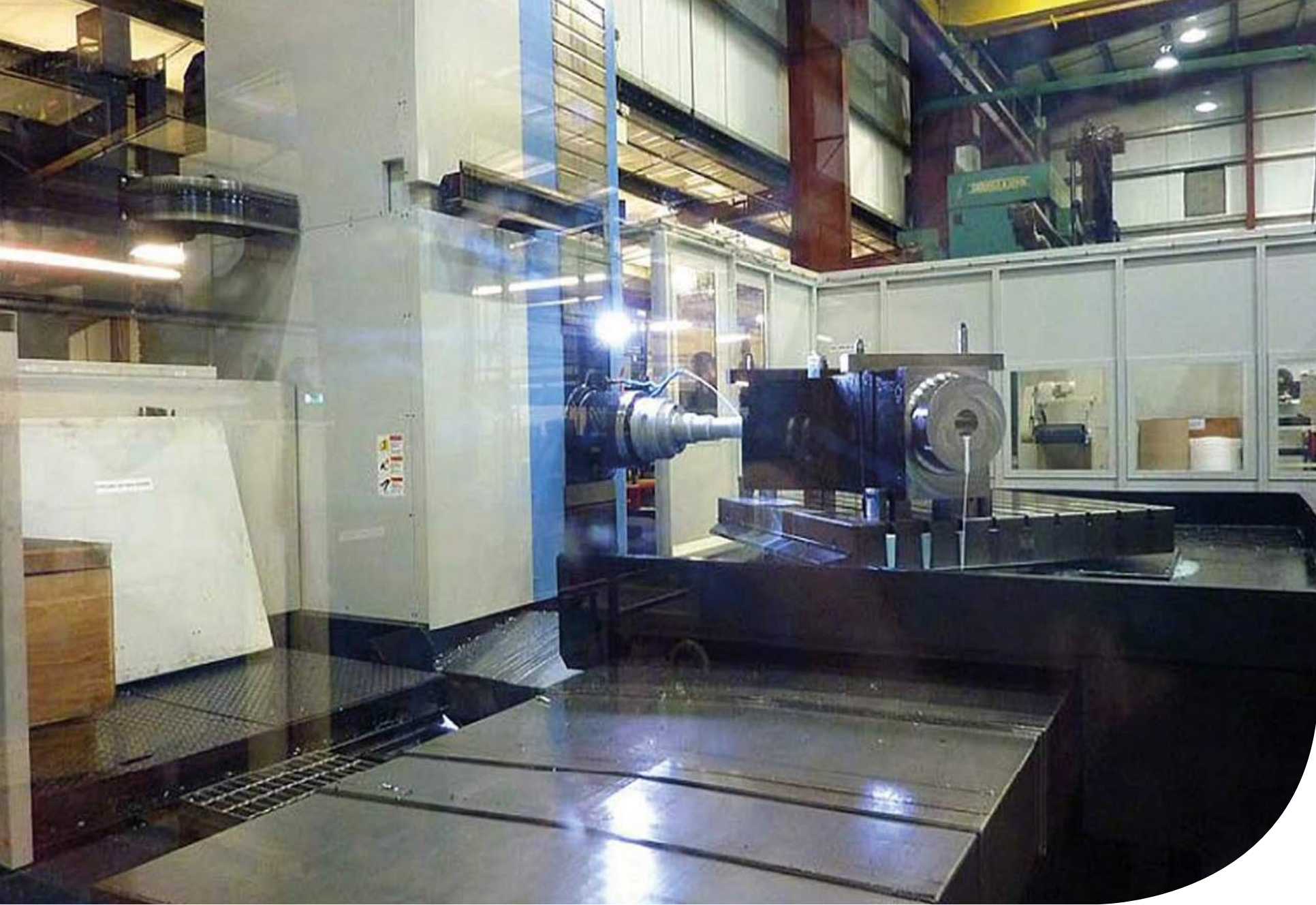


# FTV Proclad Machine Shop Plant List



MACHINE	TYPE	AXIS TRAVEL				NOTES
		X	Y	W	Z	
Doosan-1	Horizontal Borer - Large	118"	79"	79"	35"	Spindle dia. of machine is 5.118" (130mm). Integrated rotary B axis. Large right angled head can be used. Max RPM is 2500. Machine table 1570 x 1770
		3000	2000	2000	760	
Doosan - 2	Horizontal Borer - Large	157"	98"	79"	35"	Spindle dia. of machine is 5.118" (130mm). Integrated rotary B axis. Large right angled head can be used. Max RPM is 2500 Machine table 1600 x 2000
		4000	2500	2000	760	
G40-T	Horizontal Borer - Medium	72"	55"	62"	30"	Spindle dia. of machine is 4.330" (110mm). Can also use the rotary B axis and the A axis. Small right angled head can be used. Max RPM is 3000.
		1829	1397	1575	762	
G50-1	Horizontal Borer - Large	120"	114"	98"	36"	Spindle dia. of machine is 5.118" (130mm). Can also use the rotary B axis and the A axis. Large angled head can be used. Max RPM is 3000.
		3048	2896	2489	914	
G50-2	Horizontal Borer - Large	96"	87"	74"	36"	Spindle dia. of machine is 5.118" (130mm). Can also use the rotary B axis and the A axis. Large right angled head can be used. Max RPM is 3000.
		2483	2210	1880	914	
G60-1	Horizontal Borer - Large	120"	120"	76"	48"	Spindle dia. of machine is 6.000" (152mm). Can also use the rotary B axis and the A axis. Large right angled head can be used. Max RPM is 1190.
		3048	3048	1930	1219	
RTX-2	Horizontal Borer - Medium	77"	62"	37"	26"	Spindle dia. of machine is 4.330" (110mm). Can also use the rotary B axis and the A axis. Small right angled head can be used. Max RPM is 3000.
		1955	1574	940	660	
RTX-3	Horizontal Borer - Medium	77"	62"	37"	26"	Spindle dia. of machine is 4.330" (110mm). Can also use the rotary B axis and the A axis. Small right angled head can be used. Max RPM is 3000.
		1955	1574	940	660	
Okuma-1	6 Pallet Machine Centre	34.645"	31.496"	N/A	27.559"	6 pallet machine with rotary B axis. Accessories include CNC contouring heads & small right angled head. Max RPM is 4000.
		880	800		700	
21U	Horizontal Lathe	25"	N/A	N/A	107"	24" Diameter Chuck (610mm), 25" Diameter Swing (635mm). For parts up to 107" long. 12.25" dia in steady. 800 RPM max.
		635			2718	
Puma 480L	Horizontal Lathe	30"	N/A	N/A	86"	24" Diameter Chuck (610mm), 35" Diameter Swing (900mm). For parts up to 80" long. 550 dia in steady. 1500RPM Max
		750			2200	
48" VTC	Vertical Turning Centre	62"	N/A	N/A	56"	48" Diameter Chuck (1219mm), 62" Diameter Swing (1575mm). For parts up to 56" high. 42.6" RAM Travel. Machine spindle 330 RPM max
		1575			1422	
60" VTC	Vertical Turning Centre	76"	N/A	N/A	96"	60" Diameter Chuck (1524mm), 76" Diameter Swing (1930mm). For parts up to 96" high. 56.2" RAM Travel. Machine spindle 330 RPM max
		1930			2438	
108" VTC	Vertical Turning Centre	144"	N/A	N/A	96"	118" Diameter Chuck (3000mm), 144" Diameter Swing (3658mm). For parts up to 96" high. 57" RAM Travel. Machine spindle 153 RPM max
		3658			2438	

\*All HBM's can utilise CNC contouring heads & ITS deep hole contour tools. (eg seat pockets)



DOOSAN - 1 | Horizontal Borer Large







DOOSAN - 2 | Horizontal Borer Large







G40-T | Horizontal Borer Medium







G50-1 | Horizontal Borer Large







G50-2 | Horizontal Borer Large







G60-1 | Horizontal Borer Large





RTX-2 | Horizontal Borer Medium







OKUMA-3 | 6 Pallet Machine Centre





21U | Horizontal Lathe

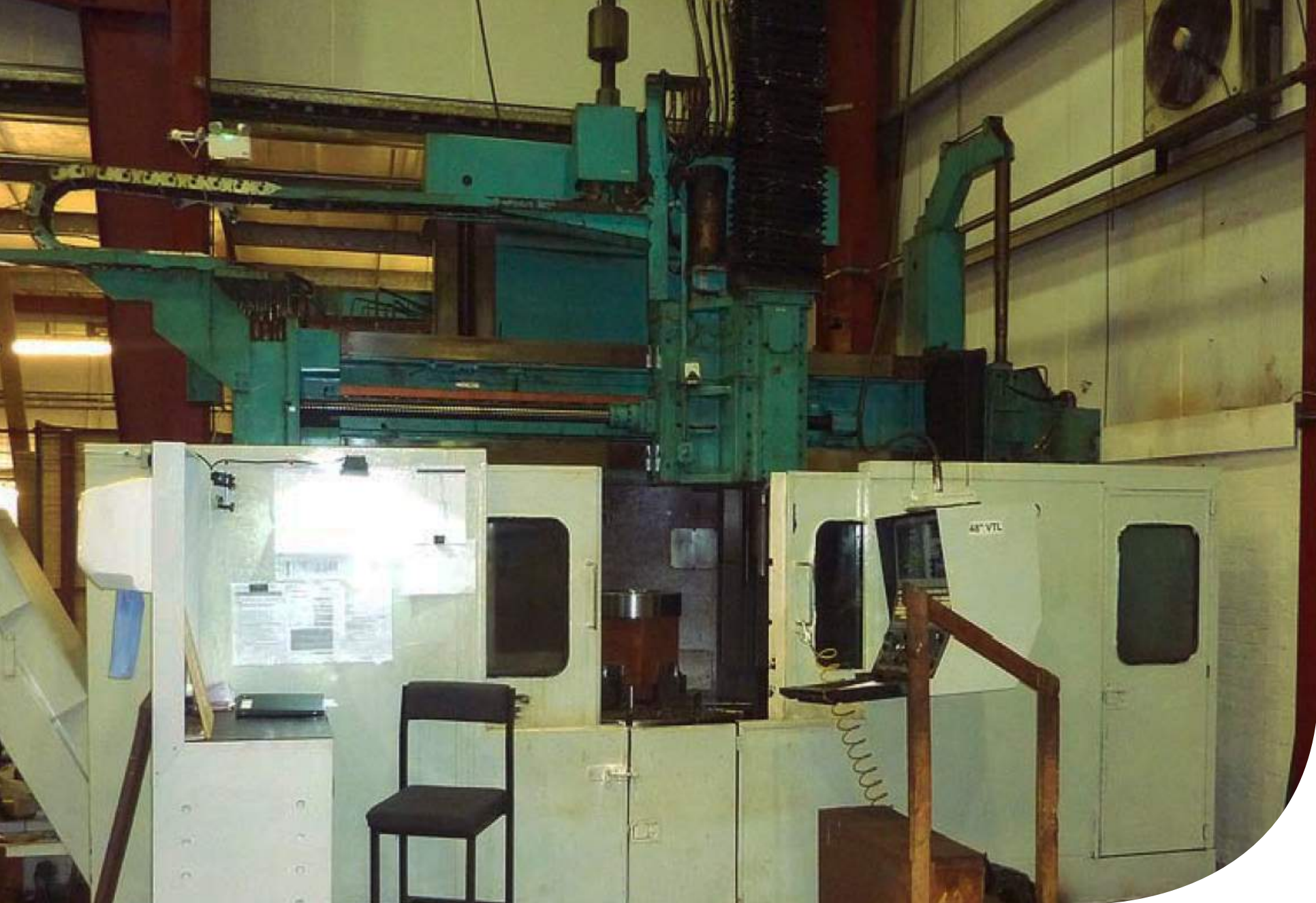




PUMA 480L | Horizontal Lathe







48" VTC | Vertical Turning Centre







60" VTC | Vertical Turning Centre





108" VTC | Vertical Turning Centre

