

CAPACITY LIST

VMC

Equipment	Control System	X Capacity	Y Capacity	Z Capacity	4th Axis	Features
Bridgeport 1000	Heidenhain TNC 410	600	500	450	Y	22 Tool Carousel
Bridgeport 600	Heidenhain TNC 370	500	300	450	Y	22 Tool Carousel

LATHES

Equipment	Control System	Max Dia	Max Length between Centres (mm)	Max Weight between Centres (kg)	Max Weight at Chuck (kg)	Features
CNC Geminis GHT 5	Siemens 840D	1000	3000	2500	1200	4 Station Turret
CNC Geminis GHT 4	Siemens 810D	720	4000	2560	1200	8 Station VDI Turret
CNC Hi-Eco 21 STD	Fanuc OT	330	600	150	80	12 Station Turret
CNC Ecoca SJ25	Fanuc OT	280	400	150	80	12 Station Turret
CNC Ecoca SJ20	Fanuc OT-C/18T	200	375	130	65	8 Station VDI Turret
CNC Ecoca 310 T	Fanuc 21i-tb	345	700	200	80	12 Station VDI Turret with live tooling
Colchester Manual	N/A	400	1100	150	75	4 Way Manual Turret

HARDFACING, WELDING & CLADDING

Equipment	Control System	Max Dia	AVC	Features
PTA Welding Unit	Mitsubishi Electric	-	Yes	Max 350 Amps
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PTA Welding Unit	Mitsubishi Electric	-	Yes	Max 250 Amps and has a Handheld PTA Torch Function
Manipulator	-	up to 1m	-	-
Manipulator	-	up to 0.5m	-	-
Manipulator	-	up to 1.4m	-	-
TIG Welding Unit	Manual	-	-	Max 180 Amps

HEAT TREATMENT FURNACE

Equipment	Control System	Max Working Dimensions	Features
Furnace	Eurotherm	AMS 2750 Working Area 800m x 850mm x 1m Standard Working Area 1m x 1m x 1.5m	Max Temp 1200°c Electric Calibrated to AMS 2750

INSPECTION

Equipment	X Axis	Y Axis	Z Axis
Mitutoyo Crysta Plus Co-ordinate Measuring Machine	710mm	1m	410mm
Mitutoyo Profile Projector Type PJ – 250 (F.I.O)	100mm	100mm	100mm

Rockwell Hardness Tester	Dia	0-150mm
Rockwell Hardness Tester (Portable)	Dia	0-160mm
TIME 5350 Portable Hardness Tester – HRC, HRb, HB, HV	Dia	Any
Non-Destructive Testing capabilities		
UKAS Calibrated Dimensional Inspection Equipment		
Taylor Hobson Surface Checker		
XRF Analyser Hitachi X-MET 8000		
XRF Analyser Hitachi X-MET 8000 Benchtop Stand		