

Wellington Engineering - Equipment List			MAX Capacity Available Highlighted for each Work Center				
In House I.D	Cad - Cam - Facilities	Supplier					
	Hypermill - 3D Cad Cam Software	Open Mind					
	AlphaCam - 2.5D Cad Cam Software	Licom					
	Fusion 360	Autodesk					
In House I.D	Cnc Multi Axis Integrex's - Description	Manufacturer / Model	Chuck Type / Size	Max Turn dia	Max Turn length	Bar Capacity	Tailstock
CNC-L19	Cnc Lathe/Mill - Sub Spindle - Articulating Hd - Y Axis	Mazak - Integrex i300S	Chuck / 300mm Dia	658mm Dia	1519mm	77mm (3.03")	Use Sub-Sp
		"	Collet / 200mm Dia				
		Sub Spindle	Chuck / 250mm Dia	658mm Dia		77mm (3.03")	
CNC-L23	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mazak Integrex i100 - INTI100BS	152.4mm	500mm Dia	854mm	102mm	Use Sub-sp
CNC-L24	Cnc Lathe/Mill - Sub Spindle - Articulating Hd - Y Axis	Mazak Integrex i200S - MATRIX2	203.2mm	658mm Dia	1011mm	65mm	Use Sub-sp
In House I.D	Cnc Lathes - Description	Manufacturer / Model	Chuck Type / Size	Max Turn dia	Max Turn length	Bar Capacity	Tailstock
CNC-L11	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mori Seiki - NL2500SY	Chuck / 250mm Dia	350mm Dia	650mm	80mm (3.1/8")	Use Sub-Sp
"	"	"	Collet / 200mm Dia				
"	"	" Sub Spindle	Chuck / 200mm Dia	200mm Dia			
"	"	"	Collet / 200mm Dia				
"	"	" Y Axis	100mm <+/- 50mm>				
CNC-L12	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mori Seiki - NL2500SY	As Above	350mm Dia	650mm	80mm (3.1/8")	Use Sub-Sp
CNC-L14	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mori Seiki - NL2500SY	As Above	350mm Dia	650mm	80mm (3.1/8")	Use Sub-Sp
CNC-L15	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mazak - Quickturn250MSY-2	Chuck / 250mm Dia	380mm Dia	475mm	77mm (3.03")	Use Sub-Sp
"	"	"	Collet / 200mm Dia				
"	"	" Sub Spindle	Chuck / 152mm Dia	200mm Dia			
"	"	" Y Axis	100mm <+/- 50mm>				
CNC-L16	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mazak - Quickturn250MSY-2	As Above	380mm Dia	475mm	77mm (3.03")	Use Sub-Sp
CNC-L17	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mazak - Quickturn250MSY-2	As Above	380mm Dia	475mm	77mm (3.03")	Use Sub-Sp
CNC-L18	Cnc Lathe - Sub Spindle -Driven Tools - Y Axis	Mazak - Quickturn250MSY-2	As Above - Plus Gantry Loader	380mm Dia	475mm	77mm (3.03")	Use Sub-Sp
			Gantry Billet Max Dia 220mm				
		Y Axis	250mm <+/- 125mm>				
CNC-L21	Cnc Lathe - Driven Tools - Tailstock	Mazak - Quickturn250M-2	Chuck / 250mm Dia	380mm Dia	1000mm	77mm (3.03")	Yes
"	"	"	Collet / 200mm Dia				
CNC-L8	Cnc Lathe	Mori Seiki - AL-2	Collet / 140mm Dia	200mm Dia	200mm	47mm (1.7/8")	No
"	"	"	Chuck / 200mm Dia				
CNC-L10	Cnc Lathe - Chucker	Mori Seiki - SL-25	Chuck / 250mm Dia	400mm Dia	420mm	70mm. (2.3/4")	Yes
CNC-L7	Cnc Lathe - Long Bed	Colchester Combi K2	Chuck / 250mm Dia	250mm Dia	800mm	54mm (2.1/8")	Yes
CNC-L2	Cnc Lathe - Barfeed	Mori Seiki - CL-203	Collet / 200mm Dia	200mm Dia	150mm	50.8mm (2.)	No

CNC-L22	Cnc Lathe/Mill - Sub Spindle - Articulating Hd - Y Axis	Mazak Quick Turn QTNX1002MSY					
In House I.D	Cnc Machining Centres - Description	Manufacturer / Model	X - Y - Z	Table Size	Table Load		
CNC-M1	Vertical Machining Centre - with 4th & 5th Axis Dividing Head	Hurco VMX42M	1066 x 610 x 610	1270 x 610	950 kg		
CNC-M2	Vertical Machining Centre	Hurco VM1	660 x 356 x 457	762 x 356	350 kg		
CNC-M3	Vertical Machining Centre	Hurco BMC 2416	610 x 406 x 550	750 x 400	1335kg		
CNC-M7	Vertical Machining Centre - with 4th Axis Dividing Head	Hurco VMX42M	1066 x 610 x 610	1270 x 610	950 kg		
CNC-M8	Vertical Machining Centre	Hurco VM10	660 x 406 x 508	762 x 356	680kg		
CNC-M9	Vertical Machining Centre	Hurco VM10	660 x 406 x 508	762 x 356	680kg		
CNC-M10	Vertical Machining Centre with 4th axis	Hurco VM10	660 x 406 x 508	762 x 356	680kg		
CNC-M11	Vertical Machining Centre	Hurco VM10	660 x 406 x 508	762 x 356	680kg		
CNC-M12	Vertical Machining Centre	Hurco VM20	1004 x 508 x 508	1168.4 x 508	907 kg		
CNC-M13	Vertical Machining Centre with 4th axis	Hurco VM10	660 x 406 x 508	762 x 356	680kg		
CNC-M14	VVertical Machining Centre	Hurco VM3	1270 x 457 x 457	1320 x 460	545kg		
CNC-M15	Full 5 axis Universal Machining Centre	Hurco VC500 i	520 x 450 x 400	500mm dia	250kg		
CNC-M16	Full 5 axis Universal Machining Centre, with Pro feed Cobot	Hurco VMX30UI	762 x 508 x 520	248mm dia	200kg		
In House I.D	Manual Lathes - Description	Manufacturer / Model	Chuck Type / Size	Max Turn dia	Max Turn length	Bar Capacity	Tailstock
LAT-5	Manual Lathe	Harrison M550	Chuck / 300mm Dia	550mm Dia	1500mm	90mm (3.1/2")	Yes
"	"	(When Gap Removed) ---	Face Plate 1- 540 Dia	670mm Dia			
"	"	(When Gap Removed) ---	Face Plate 2 - 680 Dia	800mm Dia			
LAT-3	Manual Lathe	Colchester Triumph 2000	Chuck / 250mm Dia	200mm Dia	620mm	54mm (2.1/8")	Yes
LAT-6	Manual Lathe	Colchester Mastiff 1400	Chuck / 450mm Dia	550mm dDia		90mm (3.1/2")	
"	"	(When Gap Removed) ---	Face Plate - 460 Dia	800mm Dia	1500mm		
MYF	Manual Lathe	Myford	Chuck / 100mm Dia	125mm Dia	250mm	19mm (3/4")	Yes
In House I.D	Manual / Programable Turret Mills	Manufacturer / Model	X - Y - Z	Table Size	Table Load		
MILL - 3	Manual / Programable Turret Mill	XYZ Edge 2000	762 x 406 x 406	1270 x 250	350 kg		
In House I.D	Storage Facilites - Description	Manufacturer / Model	Capacities	M/c Size			
K - 1	Finished Parts Storage Shuttle - Linked to our Tricorn production control system - DESPATCH	Kardex / Remstar XP	50 Trays - 3650mm x 854mm - 320kg / tray max	W4000mm x D3074mm x H7250mm			
K- 2	Finished Parts Storage Shuttle - Linked to our Tricorn production control system - TOOL STORE	Kardex / Remstar XP	34 Trays				
In House I.D	Inspection & CMM Room - Description	Manufacturer / Model	Capacities				

CMM - 1	CMM Inspection Machine	Aberlink - Axiom	560 x 500 x 350				
CMM - 2	CNC - CMM Inspection Machine	Aberlink - Zenith too	X1000mmxY2000mm x Z770mm				
CMM - 3	CNC - CMM Inspection Machine	Aberlink - Axiom too 600	560 x 500 x 350				
HT-1	Mitutoyo HR-110 Rockwell Hardness Testing Machine	Mitutoyo	Approx. 49 kg				
SG-1	Shadow Graph						
In House I.D	Clean & Prep Room - Description	Manufacturer / Model	Capacities				
Ultra - 1	Ultrasonic Cleaning Tank - 30 lts	Ultrasonics Ltd - 2800D	495x292x203 Int Dims				
Ultra - 2	Ultrasonic Cleaning Tank - 200 lts	Hilsonic Ltd - HS200/2kw	700x600x500 Int Dims				
	Demineralized Water Tank	Water Tanks Ltd - 160 Ltrs	865x365x555 Int Dims				
	Flextraction Unit	Flextraction					
	Rumbler	FM 7.7	210 litres				
In House I.D	Saw, Drill & Grinding - Description	Manufacturer / Model	Capacities				
SHOT-1	Shot Blaster	Vixen - Fox 25	700x500x500 Int Dims				
TAP-1	Hand Tapping M/c	Moby Dick					
PILL-1	Pillar Drill	Fobco - 7-Eight	13mm dia Chuck Cap'				
	Belt Linishers	Qty 2					
	Pedestal Grinders - Various	Qty 5					
	Band Saw	Prosaw					
	Press (Stored inside the container)	Not in Use					
	surface grinder	Jones and Shipman 540	483 x 168 x 279	350 x 150 x 50			
In House I.D	Compressor - Description	Manufacturer / Model	Capacities				
COMP-1	Compressor	Allup - Allegro 30					
COMP 2	Compressor	Almig F Drive 30					
In House I.D	Assembly Room - Description	Manufacturer / Model	Capacities				
	SCIQUIP LABORATORY OVEN 110S	SciQuip	420x400x650 - 200 Degrees				
In House I.D	Miscellaneous - Description	Manufacturer / Model	Capacities				
	Overhead Gantry Crane 27440 (Shop Floor)	Granada Ltd	1.6 Tonne				
	Overhead Gantry Crane (CNC CMM)	Granada Ltd	125 kg				
	Jib crane (CLEAN ROOM)	Granada Ltd	125 kg				
	Pillar Mounted Slewing Gib Crane (METAL STORE)	Demag Hoist	SWL 750kg				
	Weighing Machine	Avery	0 - 250 kg				
FORK-1	Forklift truck	Cezab	2 Ton - 5 Mtr Reach				
	Lifting Truck	2 Off					