

Wellington Engineering - Equipment List			MAX Capacity Available Highlighted for each Work Center				
<b>In House I.D</b>	<b>Cad - Cam - Facilities</b>	<b>Supplier</b>					
	Hypermill - 3D Cad Cam Software	Open Mind					
	AlphaCam - 2.5D Cad Cam Software	Licom					
	Spinfire - Solid Model Viewer	Actify					
<b>In House I.D</b>	<b>Cnc Multi Axis Integrex's - Description</b>	<b>Manufacturer / Model</b>	<b>Chuck Type / Size</b>	<b>Max Turn dia</b>	<b>Max Turn length</b>	<b>Bar Capacity</b>	<b>Tailstock</b>
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
<b>In House I.D</b>	<b>Cnc Lathes - Description</b>	<b>Manufacturer / Model</b>	<b>Chuck Type / Size</b>	<b>Max Turn dia</b>	<b>Max Turn length</b>	<b>Bar Capacity</b>	<b>Tailstock</b>
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-L20	Cnc Lathe - Large Capacity Chucker with Driven Tools	Doosan - Puma 480M	Chuck / 533mm Dia	658mm Dia	951mm	181mm (7.1/8")	
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-L13	Cnc / Electronic Lathe	Ajax- AJV200	Chuck / 250mm Dia	300mm Dia	1200mm	63.5mm (2.1/2")	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					
<b>In House I.D</b>	<b>Cnc Machining Centres - Description</b>	<b>Manufacturer / Model</b>	<b>X - Y - Z</b>	<b>Table Size</b>	<b>Table Load</b>		
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 - with Dividing Head	Hurco VMX 30	762 x 508 x 610	1020 x 510	1360 kg		
CNC-M6	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 356 x 457	762 x 356	350 kg		
CNC-M9	Vertical Machining Centre	Hurco VM10	660 x 356 x 457	762 x 356	350 kg		
CNC-M10	Vertical Machining Centre	Hurco VM10	660 x 356 x 457	762 x 356	350 kg		
CNC-M11	Vertical Machining Centre	Hurco VM10	660 x 406 x 508				
<b>In House I.D</b>	<b>Manual Lathes - Description</b>	<b>Manufacturer / Model</b>	<b>Chuck Type / Size</b>	<b>Max Turn dia</b>	<b>Max Turn length</b>	<b>Bar Capacity</b>	<b>Tailstock</b>
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
<b>In House I.D</b>	<b>Manual / Programable Turret Mills</b>	<b>Manufacturer / Model</b>	<b>X - Y - Z</b>	<b>Table Size</b>	<b>Table Load</b>		
MILL - 3	Manual / Programable Turret Mill	XYZ Edge 2000	762 x 406 x 406	1270 x 250	350 kg		
<b>In House I.D</b>	<b>Storage Facilites - Description</b>	<b>Manufacturer / Model</b>	<b>Capacities</b>	<b>M/c Size</b>			
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				
<b>In House I.D</b>	<b>Inspection &amp; CMM Room - Description</b>	<b>Manufacturer / Model</b>	<b>Capacities</b>				
CMM - 1	CMM Inspection Machine	Aberlink - Axiom	560 x 500 x 350				
CMM - 2	CNC - CMM Inspection Machine	Aberlink - Zenith too	X1000mmxY2000mm x Z770mm				
HT-1	Mitutoyo HR-110 Rockwell Hardness Testing Machine	Mitutoyo	Approx. 49 kg				
SG-1	Shadow Graph						
<b>In House I.D</b>	<b>Clean &amp; Prep Room - Description</b>	<b>Manufacturer / Model</b>	<b>Capacities</b>				

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					
<b>In House I.D</b>	<b>Saw, Drill &amp; Grinding - Description</b>	<b>Manufacturer / Model</b>	<b>Capacities</b>				
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					
<b>In House I.D</b>	<b>Compressor - Description</b>	<b>Manufacturer / Model</b>	<b>Capacities</b>				
COMP-2	Compressor	Allup - Allegro 30					
COMP 3	Compressor	Allup - Allegro 30					
<b>In House I.D</b>	<b>Transit Vehicles - Description</b>	<b>Manufacturer / Model</b>	<b>Capacities</b>				
VAN-1	LS62 FMM	FORD	MWB				
VAN-2	YY64 HDH	FORD	LWB				