

Capacity List 2022

Horizontal Boring									
M/C #	Location	Make	Model	Description	X	Y	Z	Load (kg)	Features
HBS 28	HMC5	Dorries Scharmann	Solon 4	Horizontal Machining Centre	1600	1400	1600	3000	Twin Pallet, Powered Tooling, Full NC B-Axis, Facing Slide U-Axis, Spindle W-Axis
HBS 41	HMC5	Dorries Scharmann	Solon 4	Horizontal Machining Centre	1600	1400	1600	3000	Twin Pallet, Powered Tooling, Full NC B-Axis, Davis Facing Head, Spindle W-Axis
HBS 20	HB	Richards	36"	Horizontal Borer	610	610	1067	3000	Facing Head
HBS 21	HB	Richards	42"	Horizontal Borer	610	813	1220	3000	Facing Head
HBS 22	HB	Richards	42"	Horizontal Borer	610	813	1220	3000	Facing Head

Vertical Boring									
M/C #	Location	Make	Model	Description	X	Y	Z	Load (kg)	Features
HBS 29	VTMC	Webster & Bennett	Millennium 3-120/150	CNC Vertical Boring & Turning	2000	-	1140	2000	Powered Tooling, Full NC C-Axis
HBS 25	VB	Webster & Bennett	48"	Vertical Borer	1220	-	1220	2000	Screw Cutting
HBS 23	VB	Webster & Bennett	36"	Vertical Borer	915	-	1067	2000	Screw Cutting
HBS 24	VB	Webster & Bennett	36"	Vertical Borer	915	-	787	2000	Screw Cutting

Machining Centre									
M/C #	Location	Make	Model	Description	X	Y	Z	Load (kg)	Features
HBS 35	HMC6	Hitachi	HS630	Horizontal Machining Centre	820	800	800	1200	Twin Pallet, Full NC B-Axis, Right Angle Drilling Attachment
HBS 30	HMC4	Okuma	MC600H	Horizontal Machining Centre	720	630	630	800	Six Pallet, 1 Deg B-Axis, Right Angle Drilling Attachment
HBS 32	HMC1	Leadwell	MH500	Horizontal Machining Centre	750	650	700	600	Twin Pallet, Full NC B-Axis
HBS 33	HMC2	Hitachi	HG630	Horizontal Machining Centre	900	800	710	1000	Twin Pallet, 1 Deg B-Axis
HBS 34	HMC2	Hitachi	HG630	Horizontal Machining Centre	900	800	710	1000	Twin Pallet, 1 Deg B-Axis
HBS 26	VMC2	Dah Lih	MCV1450	Vertical Machining Centre	1450	750	750	1500	Full NC A-Axis
HBS 31	VMC1	Leadwell	MV-40i	Vertical Machining Centre	1010	630	610	500	Variable Angle Plates, Index Head

Turning									
M/C #	Location	Make	Model	Description	X	Y	Z	Load (kg)	Features
HBS 15	CNCT	Hwacheon	Hi Tech 300	CNC Lathe	380	-	800	-	Vertical and Horizontal Powered Tooling, C-Axis
HBS 6	CNCT	Doosan	Puma 400B	CNC Lathe	400	-	1000	-	
HBS 14	CNCT	Doosan	Puma 400A	CNC Lathe	315	-	1000	-	
HBS 27	CNCT	Doosan	Puma 300B	CNC Lathe	255	-	648	-	
HBS 17	CNCT	Mori Seki	SL25-B1000	CNC Lathe	160	-	1090	-	
HBS 13	LATHE	Colchester	Mascot 1600	Centre Lathe	381	-	3000	-	
HBS 16	LATHE	Colchester	Mascot 1600	Centre Lathe	305	-	2500	-	
HBS 10	LATHE	Colchester	Mascot 1600	Centre Lathe	305	-	1500	-	
HBS 11	LATHE	Colchester	Mastiff 1400	Centre Lathe	305	-	1500	-	
HBS 37	LATHE	Colchester	Mastiff 1400	Centre Lathe	305	-	1000	-	
HBS 38	LATHE	Colchester	Mastiff 1400	Centre Lathe	305	-	1000	-	
HBS 39	LATHE	Harrison	M500	Centre Lathe	305	-	1500	-	

Welding Capabilities		
M/C #	Location	Description
-	PLASM	Kennametal Starweld PTA Stellite® Coating, CNC controlled, up to 500kg
-	WELD	Miller Syncrowave TIG power sources
-	WELD	Various MMAW Power Sources
-	WELD	Submerged Arc Welding
-	WELD	Fronius Synergic MIG
-	WELD	Arc Air Power Sources, ideal for casting repair
-	WELD	Various Manipulators, up to 5,000 kg
-	WELD	Fully Qualified Coded Welders

Other Equipment		
M/C #	Location	Description
HBS 1	LAP	Lapmaster 24" Open Face Lapping Machine
HBS 3	LAP	Lapmaster 36" Open Face Lapping Machine
HBS 4	THREAD	DIAG 30 Ton Thread Roller
HBS 7	DRILL	Radial Arm Drill 48"
HBS 7A	DRILL	Radial Arm Drill 48"
HBS 8	SAW	Vertical Bandsaw
HBS 9	SAW	Horizontal Bandsaw
HBS 40	PRESS	30 Ton Hydraulic Press