

CAPACITY LIST JUNE 2018



CNC Turning Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M233	SCNCC	Doosan	Lynx 220	Fanuc 01TC	CNC Lathe	200	300	N/a	N/a	300	N/a	12	
M236	SCNCC	Doosan	Lynx 220	Fanuc 01TC	CNC Lathe	200	300	N/a	N/a	300	N/a	12	
M208	SCNCC	Doosan	Puma 8	Fanuc 0T	CNC Lathe	200	350	N/a	N/a	500	N/a	10	Samega MultiSam Bar feed 6.8 (Ø5 - Ø45mm)
M237	SCNCC	Doosan	Puma 240M	Fanuc 21TB	CNC Lathe	200	350	N/a	N/a	550	Yes	12	Driven Tooling & Manual Guide
M238	SCNCC	Doosan	Puma 280M	Fanuc 0TC	CNC Lathe	250	315	N/a	N/a	660	Yes	12	Driven Tooling & Manual Guide
M215	LCNCC	Doosan	Puma 12 L	Fanuc 0T	CNC Lathe	300	350	N/a	N/a	1000	N/a	10	
M240	LCNCC	Doosan	Puma 700LM	Fanuc 32IA	CNC Lathe	610	900	N/a	N/a	3200	Yes	12	Programmable Steady (Ø85-350mm)
M243	LCNCC	Doosan	Puma 700LY	Fanuc 32IA	CNC Lathe	610	740	N/a	210	3200	Yes	12	Programmable Steady (Ø85-350mm)
M242	SCNCC	Doosan	Puma 2600LY	Fanuc i	CNC Lathe	300	370	N/a	100	1280	Yes	12	Programmable Steady & Tailstock
M244	LCNCC	Doosan	Puma 3100XLY	Fanuc i	CNC Lathe	380	385	N/a	130	1900	Yes	12	Programmable Steady (Ø50-200mm)
M245	LCNCC	Doosan	Puma 700LY	Fanuc 32IA	CNC Lathe	610	790	N/a	210	3200	Yes	12	Programmable Steady (Ø85-350mm)
M246	LCNCC	Samsung	PL60MC/3200	Fanuc 0I-TD	CNC Lathe	530	900	N/a	470	3270	Yes	12	Programmable Steady (Ø45-310mm)
M241	LCNCC	Doosan	Puma 3100XLY	Fanuc i	CNC Lathe	380	385	N/a	130	1900	Yes	12	Programmable Steady (Ø50-200mm)
M239	SCNCC	Doosan	Puma 3100M	Fanuc i	CNC Lathe	300	385	N/a	N/a	1000	Yes	12	Programmable Tailstock.
C239	2	Doosan	Puma 3100LM	Fanuc - i	CNC Lathe	300	385	N/a	N/a	1200	Yes	12	Programmable Tailstock
C234	2	Doosan	Puma 400LB	F21TB + MG	CNC Lathe	400	520	N/a	N/a	1000	N/a	10	High pressure coolant (70 Bar)
C237	2	Takisawa	EX-31D	Fanuc 21I-TB	CNC Lathe	250	300	N/a	N/a	620	Yes	12	

CNC Machining Centre Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
C310	2	Hartford	HCMC 1892	Fanuc	CNC MILL	N/a	N/a	1800	920	820	N/a	40	
M316	SPC	Doosan	DNM6700	Fanuc i	CNC MILL	200	200	1300	670	625	Yes	30	Renishaw Probing
M315	SPC	Doosan	DNM 750L	Fanuc i	CNC MILL	300	340	2160	760	650	Yes	30	
M313	SPC	Cincinnati	Arrow 2000 VMC	Heidenhain	CNC MILL	N/a	N/a	2000	750	700	Yes	21	Renishaw Probing
M314	LCNCC	Doosan	DNM 750L	Fanuc i	CNC MILL	300	340	2160	760	650	Yes	30	Ø250 Driven Tailstock Chuck
M350	SPC	KAFO	HMC 630	Fanuc	Horizontal Machining Centre	N/a	N/a	1050	800	880	N/a	40	
C303	2	Hartford	Pro 1000	Fanuc	CNC MILL	200	160	1000	500	600	Yes	24	

Gear Shaping Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
C730	1	Fellows	6A Type	N/a	GEAR SHAPER	N/a	300	N/a	N/a	N/a	N/a	N/a	Straight Spur Gears Only. 3" Stroke Length

CNC Cylindrical Grinding Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M530	LMC	Robbi	CNC 3620	Siemens	CNC CYL GRIND	N/a	N/a	2500	N/a	N/a	N/a	N/a	Probing

Conventional Grinding Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M510	SPC	Jones Shipman	540	N/a	SURFACE GRINDER	N/a	N/a	450	150	150	N/a	N/a	Magnetic Table. Radius Dressing Attachment
C500	2	Jones Shipman	1400	N/a	SURFACE GRINDER	N/a	N/a	600	160	200	N/a	N/a	
C501	2	Jones Shipman	1436	N/a	SURFACE GRINDER	N/a	N/a	900	300	200	N/a	N/a	Angled Magnetic Table
C507	2	Jones Shipman	1300	N/a	UNIVERSAL GRINDER	160	150 Chuck 300 Ctrs'	800	N/a	N/a	N/a	N/a	Grind Internal & External Dia's. Rad Dresser
C506	2	Jones Shipman	1074	N/a	CYLINDRICAL GRINDER	N/a	240	300	N/a	N/a	N/a	N/a	
M502	SPC	Erfurt	SU315	N/a	CYLINDRICAL GRINDER	N/a	520	3000	N/a	N/a	N/a	N/a	
M503	SPC	Cometa	HSP3000	N/a	CYLINDRICAL GRINDER	N/a	600	3000	N/a	N/a	N/a	N/a	
M504	SPC	Churchill	MODEL 'D'	N/a	CYLINDRICAL GRINDER	N/a	600	3700	N/a	N/a	N/a	N/a	
M501	SCNCC	Cincinnati	UNKNOWN	N/a	CYLINDRICAL GRINDER	N/a	30	600	N/a	N/a	N/a	N/a	Max Grinding Length 350mm
C509	2	Cincinnati		N/a	TOOL & CUTTER GRINDER	100	50	500	200	250	N/a	N/a	

Lapping Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M553	SCNCC	Engis	36"	N/a	LAPPING M/C	N/a	350	N/a	N/a	N/a	N/a	N/a	14 Micron. Ø 610 Max Compt Size.
M552	SCNCC	Flexibox	24"	N/a	LAPPING M/C	N/a	250	N/a	N/a	N/a	N/a	N/a	14 Micron. Ø 305 Max Compt Size.
M551	SCNCC	Flexibox	14"	N/a	LAPPING M/C	N/a	200	N/a	N/a	N/a	N/a	N/a	3 Micron. Ø 230 Max Compt Size.
M550	SCNCC	Stichihli	14"	N/a	LAPPING M/C	N/a	200	N/a	N/a	N/a	N/a	N/a	1 Micron. Ø 230 Max Compt Size.

Conventional Turning Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M100	SCNCC	Colchester	BANTAM 2000	N/a	CENTRE LATHE	160	200	700	N/a	N/a	N/a	N/a	
M120	SPC	Colchester	MASCOT 1600	N/a	CENTRE LATHE	410	400	2000	N/a	N/a	N/a	N/a	
C114	1	Excel	OPTIMUM D560	N/a	CENTRE LATHE	300	560	1500	N/a	N/a	N/a	N/a	
C115	1	Excel	OPTIMUM D660	N/a	CENTRE LATHE	300	660	2000	N/a	N/a	N/a	N/a	
M132	SPC	Excel	XL440	N/a	CENTRE LATHE	400	400	3500	N/a	N/a	N/a	N/a	
M141	SPC	Trens	SN71C	N/a	CENTRE LATHE	300	420	4000	N/a	N/a	N/a	N/a	
M140	SPC	Tarnow	TUJ 630M	N/a	CENTRE LATHE	420	560	4000	N/a	N/a	N/a	N/a	
M133	SPC	Unknown	GH6166H	N/a	CENTRE LATHE	400	660	3000	N/a	N/a	N/a	N/a	

Conventional Milling Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M402	SPC	Bridgeport	SERIES 1	N/a	MILLING M/C	N/a	N/a	1200	2300	300	N/a	N/a	VERTICAL MACHINE WITH HORIZONTAL & ANGLED HEAD ATTACHMENTS
M403	SPC	Bridgeport	SERIES 1	N/a	MILLING M/C	N/a	N/a	1200	2300	300	N/a	N/a	VERTICAL MACHINE WITH HORIZONTAL & ANGLED HEAD ATTACHMENTS
M404	SCNCC	Bridgeport	SERIES 1	N/a	MILLING M/C	N/a	N/a	1200	2300	300	N/a	N/a	VERTICAL MACHINE WITH HORIZONTAL & ANGLED HEAD ATTACHMENTS
C401	1	Huron		N/a	MILLING M/C	N/a	N/a	1500	700	400	N/a	1	Spindle Can Go From Vertical To Horizontal
C408	1	Ajax		N/a	MILLING M/C	N/a	N/a	1200	2300	300	N/a	1	

CNC & Manual Boring Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	W Axis (4th)	No. Tools	Features
C650	2	SACEM	MSMG - 125	Heidenhain TNC 430	CNC HORIZONTAL BORING MILL	N/a	n/a	5000	2000	800	1500	1	B AXIS - FULL 360 DEG - 0.001 INCREMENTS. U AXIS 125 MM UT 5-400 D'ANDREA U-TRONIC. U AXIS 200 MM UT 5-630 D'ANDREA U-TRONIC. BESPOKE HENNINGER ANGLED HEADS. 50 DIN ACCESS 150 MM BORE. 40 DIN ACCESS 100 MM BORE.
M611	LMC	Kearns Richards	SF125	N/a	HORIZONTAL BORER	N/a	N/a	2500	1700	1750	N/a	1	HORIZONTAL FACING HEAD Ø820mm WITH SLIDE CROSS TRAVERSE 190mm
C612	1	Kearns Richards	SJ100	N/a	HORIZONTAL BORER	N/a	N/a	1525	1500	1200	N/a	1	Horizontal. Table Size 1525 X 1500. 600 - 900mm Facing Head
C613	2	Kearns Richards	SJ100	N/a	HORIZONTAL BORER	N/a	N/a	1525	1500	1200	N/a	1	Horizontal. Table Size 1525 X 1500. 600 - 900mm Facing Head
M610	LMC	Union	BF790-3	N/a	HORIZONTAL BORER	N/a	N/a	1600	1250	1600	N/a	1	HORIZONTAL
C350	2	Elgamill	HE4000S	Heidenhain TNC 426	CNC Bed mill	800	800	6200	1620	1050	800	40	360 Automatic Head.
M682	LMC	Webster Bennet	60"	N/a	VERTICAL BORER	1520	1520	N/a	N/a	800	N/a	5	60" VERTICAL
C685	2	Webster Bennet	72"	N/a	VERTICAL BORER	1820	1820	N/a	N/a	1000	N/a	5	72" VERTICAL
C681	1	Webster Bennet	48"	Fagor	CNC VERTICAL BORER	1220	N/a	N/a	N/a	1000	N/a	5	Vertical. Profiling.
M681	LMC	Morando - Coremu	VLN 14	Allen Bradley	CNC VERTICAL BORER	1450	1730	N/a	N/a	950	N/a	4	12 station automatic tool changer and Renishaw probe. Equipment 11 x tool holders

Drilling Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M712	FSC	Pollard	UNKNOWN	N/a	PILLAR DRILL	N/a	N/a	N/a	N/a	500	N/a	2	TWIN SPINDLE
M715	LMC	Csepel	RFH75	N/a	RADIAL ARM DRILL	N/a	N/a	1600	N/a	1500	N/a	1	2200mm ARM RADIUS
C712	2	Elliott	Progress	N/a	PILLAR DRILL (SMALL)	N/a	10	N/a	N/a	250	N/a	1	

Slotting Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M721	LMC	Butler	8" PRECISION	N/a	SLOTTER	N/a	N/a	400	300	200	N/a	N/a	500mm THROAT. MAX COMPONENT HEIGHT 350mm
M722	LMC	Butler	12"	N/a	SLOTTER	N/a	N/a	400	400	300	N/a	N/a	650mm THROAT. MAX COMPONENT HEIGHT 550mm
C721	2	Butler	8" PRECISION	N/a	SLOTTER	N/a	N/a	400	300	200	N/a	N/a	500mm THROAT. MAX COMPONENT HEIGHT 350mm
M720	SCNCC	Astra	5"	N/a	SLOTTER	N/a	N/a	200	400	125	N/a	N/a	250mm THROAT. MAX COMPONENT HEIGHT 175mm

Fabrication Capacity													
M/C No.	Locn'	Make	Model	Control	Description	Chuck Ø	Max Ø	X	Y	Z	C Axis (4th)	No. Tools	Features
M801	FSC	LVD	HSL 31/6	N/a	GUILLOTINE	N/a	N/a	3100	N/a	6.35	N/a	N/a	
M706	FSC	Startrite	HB330M	N/a	BANDSAW	N/a	330	N/a	N/a	N/a	N/a	N/a	
M705	LMC	Prosaw	LX-330AE	DELTA	CNC BANDSAW	N/a	330	N/a	N/a	N/a	N/a	N/a	
M702	LMC	Drummond	UNKNOWN	N/a	SHAFT PRESS - HYDRAULIC	N/a	N/a	N/a	N/a	N/a	N/a	N/a	15 TON
M703	SPC	Oldfield & Schofield	UNKNOWN	N/a	SHAFT PRESS - MECHANICAL	N/a	N/a	1370	430	400	N/a	N/a	20 TON
C704	2	Rusch	N/a	N/a	BANDSAW	N/a	300	N/a	N/a	N/a	N/a	N/a	
M890	FSC	N/a	N/a	N/a	CODED WELDING	N/a	N/a	N/a	N/a	N/a	N/a	N/a	B.S.4870. AS