

# MOULD CONSTRUCTION MACHINE LIST

MACHINE	WORKING SPACE
No.1 DMG 5-axis milling machines DMU60P 18000g/m	540x700x600 (Z)
No.1 DMG 3-axis milling machine DMC835V 10000g/m	835x500x500 (Z)
No.1 DMG 5-axis milling machine DMU40EVO 24000g/m	400x400x350 (Z)
No.1 DMG 5-axis milling machine HSC105LINEAR 27000g/m	1050x800x600 (Z)
No.1 MAZAK V-655/60 machining centre	1500x650x650 (Z)
No.1 CB FERRARI A15 milling machine	16000g/m 850x400x400 (Z)
No.1 CB FERRARI A17 milling machine	4000g/m 1050x520x420 (Z)
No.1 EDM CHARMILLES FORM 200	350x350x300 (Z)
No.1 EDM CHARMILLES FORM 400	900x700x500 (Z)
No.1 MITSUBISHI wire erosion	500x300x300 (Z)
No.1 JONES & SHIPMAN precision grinding machine	
Traditional machinery: Drills, Grinders, Micro-drilling machines	



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# INJECTION MOULDING MACHINE LIST

MACHINE	WEIGHT IN TONNES	SCREW DIAMETE R mm	CLOSING	COLUMN PASSAGE mm	MINIMUM MOULD THICKNES S mm	MAXIMUM MOULD THICKNES S mm	TYPE	ROBOTS	JACKS
DEMAG ERGOTECH	110 TONNES	45	PISTON	470 X 470	250	850	HYDRAULIC	NO	NO
DEMAG ERGOTECH	25 TONNES	22	PISTON	270 X 270	160	475	HYDRAULIC	NO	NO
BATTENFIELD & WITTMANN	90 TONNES	35	PISTON	470 x 420	225	900	HYDRAULIC	YES	YES
BATTENFIELD & WITTMANN	120 TONNES	40	PISTON	520 X 470	350	900	HYDRAULIC	YES	YES
KRAUSS MAFFEI	380 TONNES	70	TOGGLE	810 X 730	300	770	ELECTRIC	YES	NO
KRAUSS MAFFEI	180 TONNES	50	TOGGLE	560 X 510	200	600	ELECTRIC	YES	NO
SANDRETTO	220 TONNES	55	TOGGLE	510 X 510	210	630	HYDRAULIC	YES	YES
SANDRETTO	220 TONNES	55	TOGGLE	510 X 510	210	630	HYDRAULIC	YES	YES
FANUC S130IA	130 TONNES	36	PISTON	560 X 510	275	575	ELECTRIC	YES	NO
FANUC S130IB	130 TONNES	40	PISTON	560 X 510	275	575	ELECTRIC	YES	NO
FANUC S100IB	100 TONNES	36	PISTON	460 X 410	220	520	ELECTRIC	YES	NO



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MACHINE	WEIGHT IN TONNES	SCREW DIAMETER mm	CLOSING	COLUMN PASSAGE mm	MINIMUM MOULD THICKNES S mm	MAXIMU M MOULD THICKNES S mm	TYPE	ROBOTS	JACKS
BATTENFIELD & WITTMANN	50 TONNES	25	PISTON	370 X 320	200	600	HYDRAULIC	NO	YES
BATTENFIELD & WITTMANN	60 TONNES	25	TOGGLE	320 X 320	150	575	HYDRAULIC	NO	NO
SANDRETTO	30 TONNES	18	TOGGLE	300 X 300	100	500	HYDRAULIC	NO	NO
SANDRETTO	30 TONNES	18	TOGGLE	300 X 300	100	500	HYDRAULIC	NO	NO
SANDRETTO	150 TONNES	50	TOGGLE	460 X 460	155	560	HYDRAULIC	YES	YES
HAITIAN	250 TONNES	55	TOGGLE	580 X 580	220	580	HYDRAULIC	YES	YES
SANDRETTO	220 TONNES	55	TOGGLE	510 X 510	100	460	HYDRAULIC	YES	YES
SANDRETTO	90 TONNES	40	TOGGLE	410 X 410	110	460	HYDRAULIC	NO	NO
ENGEL	130 TONNES	40	TOGGLE	460 X 460	150	420	HYDRAULIC	YES	NO
SANDRETTO	90 TONNES	33	TOGGLE	360 X 360	100	460	HYDRAULIC	YES	NO
SANDRETTO	130 TONNES	43	TOGGLE	460 X 460	155	560	HYDRAULIC	YES	NO
DEMAG	80 TONNES	35	PISTON	400 X 400	250	650	HYDRAULIC	NO	NO
HAITIAN	120 TONNES	40	TOGGLE	470 X 420	150	480	ELECTRIC	YES	YES
HAITIAN	150 TONNES	45	TOGGLE	520 X 470	180	520	ELECTRIC	YES	YES



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