T

GEORGE LISTER
ENGINEERING LIMITED
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CAPACITY LIST

Machine Shop

No	Type	Model	Serial Number	Description
1	Lathe	Colchester CNC 2000L	L2150SFBSA/01655	Between Centres 1250mm – Swing:- Over Bed 390mm, Over Cross Slide 240mm, In Gap 580mm, - Spindle Bored to pass 54mm max – Spindle Speeds 25 – 2750 rpm – Bed Travel Width 280mm, Length 1145mm, Bar Feeder:- (Capacity 16mm dia to 50mm dia 3 mts long)
4	Lathe	Harrison M400	401325 1266	Between Centres 1500mm – Swing:- Over Bed 420mm, Over Cross Slide 254mm, In Gap 610mm – Spindle Bored to pass 65mm max Spindle Speeds 40 – 2000 rpm – Bed Travel Width 250mm, Length 1350mm
5	Lathe	Harrison M400	401647 1462	Between Centres 1500mm – Swing:- Over Bed 420mm, Over Cross Slide 254mm, In Gap 610mm – Spindle Bored to pass 65mm max Spindle Speeds 40 – 2000 rpm – Bed Travel Width 250mm, Length 1350mm
6	Lathe	Colchester Tornado CNC 200	C20124	11/15kw, Bar Feed Capacity – (65mm, max.) Turning diameter – 250mm, max. Length – 400mm, 12 station turret.
7	Lathe	Dean Smith & Grace Type 21	33126-2-60	Between Centres 1982mm – Swing:- Over Bed 570mm, Over Cross Slide 330mm, In Gap 890mm - Spindle Bores to Pass 90mm max Spindle Speeds 10-800 rpm – Bed Travel Width 280mm, Length 1676mm
69	Lathe	M450 Harrison	450633 7257	Between Centres 1500mm – Swing:- Over Bed 450mm, Over Cross Slide 286mm, In Gap 642mm – Spindle Bores to Pass 65mm max Spindle Speeds 40-2000 rpm – Bed Travel Width 250mm, Length 1350mm
69A	Lathe	Brittan Turret H.32		1 ¼ / 32mm max diameter Spindle speed 56-1968 rpm Bar Feeder capacity1” or 25m

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8	Milling Machine	Zayer CNC ZF 2000		Table Surface 2000 X 630mm Travel:- Longitudinal (X Axis) 1700mm Cross (Y Axis) 800mm Vertical (Z Axis) 800mm Max Mass Upon Table 6000 kg. 4th Axis (Rotary)
14	Milling Machine	Bridgeport Series 1	230310476S	Head No JB 4179 OC with Digital Read Out Travel:- Bed 670mm, Ram 317mm, Knee 470mm Gap Under Lead 470mm Spindle Taper R8, Speed 50-3750 rpm, Quill Stroke 115mm, Accessories:- Right Angle Attachment, 178mm Raising Block, 203mm long Arbor, Rotary Table 305mm, Dividing Chuck 152mm, Adjustable Angle Plate 254mm
15	Milling Machine	Bridgeport Series 1	321761279V	Head No JS 14125C with Digital Read Out Travel:- Bed 670mm, Ram 317mm, Knee 470mm Gap Under Lead 470mm Spindle Taper R8, Speed 50-3750 rpm, Quill Stroke 115mm, Accessories:- Right Angle Attachment, 178mm Raising Block, 203mm long Arbor, Rotary Table 305mm, Dividing Chuck 152mm, Adjustable Angle Plate 254mm
16	Milling Machine	Bridgeport Series 1	5871G	Head No JB 21332 with Digital Read Out Travel:- Bed 670mm X 275mm, Ram 317mm, Knee 470mm Gap Under Lead 470mm Spindle Taper R8, Speed 50-3750 rpm, Quill Stroke 115mm, Accessories:- Right Angle Attachment , 178mm Raising Block, 203mm long Arbor, Rotary Table 305mm, Dividing Chuck 152mm, Adjustable Angle Plate 254mm
11	Milling Machine	Bridgeport 25 Adcock & Shipley	2171C	Complete with 2 Separate Heads. Travel:- Bed 760mm X 254mm, Ram 558mm, Knee 482mm Gap Under Lead 482mm Spindle Taper R8, Speed 50-3750 rpm, Quill Stroke 115mm, Accessories: - 533mm long Arbor, 50 International Universal Lead.

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	SBZ 130 Profile Machining Centre	Elumatic SBZ130	1300030647	7.2 metre – 3 Axis – Profile Machining Centre with Automatic Clamp movement, High speed spindle, with Elusoft three dimensional profile processing software.
	Corner Crimping Machine S	Schuco		Maximum crimping height 120mm Minimum frame height 400 x 400mm
94	CNC Milling	Tryax Supermax 3HP		Machine capacity – X = 710mm, Y = 395mm, Z = 125mm, Knee = 400mm
80	Machine Centre C. N. C.	Bridgeport VMC1000/20		Machining Envelope 1000, 500, 450, 20 Tool Turret, Rotary 4th Axis, CAD/CAM system.
12	Machine Centre C. N. C.	Bridgeport VMC600/22		Machining Envelope 600, 400, 450, 22 Tool Turret.
62	Bandsaw	Speedax 20”	B.E.C. 179271/65	Cutting capacity 450mm X 200mm, Speeds 8-724 rpm. Accessories: - Black Welder Tilting Table.
56	Powersaw	B10 Sawmaster Qualters & Smith		Cutting capacity 430mm X 130mm Flat, 305mm dia, Speed 75-220 ft/min.
	Surface Grinder	Andmar 1636		900 X 400 X 450 Height clearance between bed and wheel
60	Trennjaeger	LPC/110/400	HA 1826	Automatic Cylindrical Saw, cutting capacity 380mm X 200mm, Swivelling Blade, 45’ – 90’ 52-162 ft/min.
54	Manual Saw	DBM FB90C2/4	C0610	Cutting capacity 100mm X 90mm, Swivelling Blade 45’ – 90’
74A	Circular Saw	Thomas Light Duty		
68	Bench Drill	Jones & Shipman	3118052	Gap beneath Chuck 95mm, Quill Stroke 35mm
17	Drill	Pacera Pedistal	859296	Gap beneath Chuck 870mm, Quill Stroke 110mm, Quill Morse Taper No. 2, Speed 15 – 1420 rpm. Fitted with Quick Release Chuck.
34	Drill	Kerry’s Pedestal	81/A 8043	Gap beneath Chuck 400mm, Quill Stroke 130mm, Quill Morse Taper No. 2, Speed 86 – 3360 rpm.
25	Drill	Meddings Pedestal	MF2FS 015038	Gap beneath Chuck 1000mm, Quill Stroke 130mm, Quill Morse Taper No. 2, Speed 500 – 4800 rpm.

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10	Drill	VEB Radial	793569	Gap beneath Chuck 1450mm, Quill Stroke 470mm, Quill Morse Taper No. 5, Speed 13 – 1200 rpm. Swinging Arm Travel 1400mm 180' Swing, c/w False Bed.
78	De-burring Plant	Walter Trowel		

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Sheet Metal Shop

22	Notcher	Amada CSW-220	561589	Corner and edge Notcher capable of notc Mild Steel, 2mm Stainless Steel.
23	Brake Press C. N. C.	Amada HFB 170/4 8 Axis		170 Ton Brake Press, capable of bending 4m lengths up to 6mm thick at 90' or 1m lengths up to 10mm thick at 90'
26	Guillotine	Safan WS310-6	7048 1983	Capable of cutting 10ft long sheet max: - 6mm thick Mild Steel, 3mm thick Stainless Steel.
24	Manual Punch Press	Pierce-All Perk-O-Motor 3025A 72/54	UK745 1439	25 Ton Machine manually operated, max. Sheet thickness 6mm Mild Steel, 3mm Stainless Steel, max. hole size 76mm, min. hole size = thickness of material
85	Punch Press C. N. C.	Arcade 212 Turret		Press capacity 20 tonne - Sheet capacity up to 4 metre X 1.270 metre max. Material. Thk: - 6.35mm max. Sheet weight 120 kg – Axis speed: - 92m/min.
36	Powered Rollers	Shorte 50 X 5	325	Rollers capable of rolling max. Length 50" X 5mm thick sheet.
	Bushing Machine	Pemserter	Series 4	
29	Brake Press C. N. C.	Amada ITPS20-50 C.N.C. Control 3 Axis		50 Ton Brake Press capable of bending 2m lengths of up to 3mm thick material.
33	Nibbler	Bachofen + Meier	493	Max. Sheet thickness 4mm Mild Steel, 3mm Stainless Steel.
35	Hand Benders	F.J. Edwards BP414	62C/14600	Manually operated Bender max. Sheet thickness 2mm, max. length 4ft.
27	Hand Notcher	F.J. Edwards		
28	Lister Rollers			Hand Rollers used for thin sheet only, max. length 3ft.
32	Rollers	F.J. Edwards	B7408446	Hand Rollers used for thin sheet only, max length 3ft.
31	Fly press	Norton 6DB		Gap 7"
39	Fly press	Lister		Gap 6"
79	Chamfering Machine	Auto Devices		
82	Toggle Press	Light Duty		
83	Key-Way Press	Marlco		

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Welding Department

38		Airco-Heliwelder	HJI-554-35	Tig: - AC/DC, 5-375 amps.
45	Welding Plant	Transmig B. O. C.	9L 2817	Mig: - 0-350 amps.
46		Murex Transmatic 106	62376	Wire Feed Unit
50		Airco-Heliwelder	1341-9017	Tig: - AC/DC 5-500 amps.
49		Airco-Pulse Unit	AG 40112	Pulse Unit
37		Marshall Dynabolt	JA401683	T.I.G. AC/DC 5-375 amps.
66		B.O.C. Transarc Tradesman	ZB1245	Portable T.I.G. – M.M.A. DC Welding Set
30	Spot Welder	CEA KLT 125	37981	0-10, 800 amps.
70	Welding Plant	Miller Compact BLU 243	0000088751	Mig: - 0-240 amps.
73	Welding Plant	Miller Compact BLU 243	00000104471	Mig: - 0-240 amps.
74 & 76	Welding Equipment	Oxy-Act		
	Welding Plant	Filcord		300 Ts.
	Welding Plant	Mig		300 amps.
	Welding Plant	Presto Jig/Tig		300 AC/DC
71	Clipper Stud Welder	Cutlass	860103	80-175 amps
72	Welding Plant	Type 56 Bicester Oxon	8376	Portable Spot Welder 200-6, 500 amps.
72A	Welding Plant	Type MK3B Bicester Oxon	1839	Timer Unit for above Spot Welder
65		Rotuenberger SM300 & Bolt M/C	552TH-404A	Capacity:- Pipe 1/8" – 2", Bolt ¼" – 2"
53	Grinder	Wolf	854104	Pedestal Grinder 2950 rpm, Wheel 8" X ¾", 1.1/4" hole
55	Grinder	Wolf	318/A	Type 8348. Pedestal Grinder
41	Grinder	Wolf Pedestal	386	Type TG 8HS, 2950 rpm, Wheel 8" X ¾", 1.1/4" hole
73A	Grinder	Selson Pedestal		
40	Linisher	Churchill BV3		Vertical Linisher 200mm Belt Width, 500mm Height
61	Tool Grinder	Brierley	29028L	2850 rpm, Max. 1.1/2" dia.
64	Scales	Avery L101/H300	124H0413	Electronic Scales Max. 300 kgs.
52		Hydrovane Hydro 33	1 1HV548094/714	Air Compressor
84	Fork Lift Truck	Lansing Bagnall 2000 KG.		