



## Capacity List **Drilling**

### Deep Hole Drilling Capacity

Machine No.	Max Dia (mm)	Min Bore (mm)	Max Bore (mm)	Max Length (mm)	Offset Capacity (from C/Line)
1	750	25	300	6000	75
2	600	25	150	4000	75
3	600	25	150	3500	75
4	500	25	140	4000	75
5	500	25	100	3000	100
6	350	25	75	2500	N/A
7	300	25	150	1000	N/A
8 (Offset)	830	25	250	2500	400

### Gun Drilling Capacity

Machine No.	Max Dia (mm)	Min Bore (mm)	Max Bore (mm)	Max Length (mm)	Offset Capacity (from C/Line)
1 (twin spindle)	30	1.8	15	300	N/A
2 (twin spindle)	30	1.8	15	300	N/A
3 (twin spindle)	75	2	20	750	N/A
4	350	3	25	1500	250
5	550	5	30	6000	300
6	550	5	30	6000	300
7	550	5	30	6000	300
8	550	5	50.8	6000	300

## Capacity List **Turning**

### CNC Turning Capacity

Machine No.	Max Dia Over Bed	Max Dia Over Cross Slide	Max Length (mm)	Spindle Bore (mm)	Max Boring Depth
1	350	350	1100	100	500
2	800	500	3000	220	1100
3	950	650	4000	250	1250
4	1200	850	3300	150	1250
5	1200	850	3000	150	1250
6	700	700	2000	100	750
7 (C-Axis)	700	700	2000	100	750
8	1600	1200	5000	200	1500

### Manual Turning Capacity

Machine No.	Max Dia Over Bed	Max Dia Over Cross Slide	Max Length (mm)	Spindle Bore (mm)	Max Boring Depth
1	400	300	1500	100	500
2	600	300	2000	100	500
3	600	300	3000	100	1000
4	700	500	4000	100	1000
5	1000	600	4000	300	1000
6	900	700	9000	100	1500
7	950	500	4000	250	1200
8	1500	1000	4000	100	1250



## Capacity List **Finishing & Inspection**

### CNC & Manual Honing Capacity

Machine No.	Max Dia	Max Bore	Max Length (mm)	Tolerance (mm)
1	750	500	6000	.005
2	750	500	6000	.005
3	200	90	250	.005

### Milling Capacity (Horizontal Boring)

Machine No.	Spindle Dia	X Axis 9mm	Y Axis (mm)	Z Axis (mm)	Max Weight (Tonnes)
1	100	3000	3000	2500	7

### Inspection

#### External Measuring

- Micrometers to measure Outside Diameters. 8 sets to measure from 0-300mm
- Including Wireless transfer of data from any micrometer to inspection PC
- Micrometers to measure from 300-1000mm Dia
- Digital Height Gauges
- Verniers up to 2000mm

#### Internal Measuring

- Numerous Bore Gauges from 0mm-1500mm
- Bowers Metrology Digital Bore Gauge to measure from 25-300mm x 3000mm deep, with wireless transfer to inspection PC
- Surface Finish is also electronically measured and readings can be printed and returned with the component

## Capacity List **Extra Services**

### CAD-CAM

We use the latest CAD-CAM Software 'Solid Works Professional' for creating stage drawings, through to finished components. We are able to model all components and dry run programs to remove any risks before cutting material.

### Sawing

Machine No.	Max Dia	Max Length (mm)
1	400	6000

### Storage

#### External Storage

- We have 50,000 sq feet of storage space. Protected by an electrically operated (via intercom) steel gate. With 24hr cctv monitored protection

#### Internal Storage

- Our facility is 22,000 sq feet
- We have lifting capacity up to 15 tonnes, In total we have 8 overhead cranes
- One 4.5 tonne Forklift truck, one 5 tonne combi-lift
- 24 hr monitored cctv