

## Capacity List

### VERTICAL MACHINING CENTRES

<b>DAEWOO V430 TWIN PALLET</b>		X axis max 650mm Y axis max 540mm Z axis max 700mm
<b>DOOSAN 400 DNM400 ( 2 off )</b>	With Renishaw infra-red spindle probe and tool pre-setter	X axis max 762mm Y axis max 435mm Z axis max 510mm
<b>BRIDGEPORT VMC 800 DIGITAL</b>	4th axis rotary table and infra-red spindle probe and tool pre-setter	X axis max 800mm Y axis max 510mm Z axis max 600mm
<b>DUGHARD EAGLE 1000 ( 3 off )</b>	With infra-red probing	X axis max 1020mm Y axis max 510mm Z axis max 510mm
<b>DUGHARD EAGLE 660 ( 2 off )</b>		X axis max 660mm Y axis max 520mm Z axis max 510mm
<b>CINCINNATI ARROW 750</b>	With spindle probing	X axis max 762mm Y axis max 510mm Z axis max 510mm
<b>BRIDGEPORT 412</b>	With spindle probing	X axis max 450mm Y axis max 310mm Z axis max 410mm

### ALL MACHINES LINKED TO ONE CNC CAD CAM SOFTWARE

### CNC TURNING

<b>HYUNDAI HIT 18S</b>	With 1m barfeeder and tool pre-setter	65mm dia
<b>HYUNDAI HIT 15S DIGITAL Turning Centre</b>	Chucking machine with tool pre-setter	Max swing 440mm X axis max 254mm Z axis max 500mm
<b>HYUNDAI HIT 15S Turning Centre</b>	With 1m barfeeder and tool pre-setter	Max swing 440mm X axis max 254mm Z axis max 500mm Bar feed max 51mm
<b>MIYANO BNC42-C3</b>	With 1m barfeeder	42mm dia
<b>HARDINGE CONQUEST 42</b>	With 3m barfeeder	42mm dia
<b>HARDINGE CAPSTAN LATHE</b>		850mm X 120mm

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### TOOLROOM

JONES & SHIPMAN 540X SURFACE GRINDER	With digital readout system and Optidress	X axis 350mm Y axis 150mm Z axis 220mm
JONES & SHIPMAN 540AP SURFACE GRINDER	With digital readout system and Optidress	X axis 350mm Y axis 150mm Z axis 220mm
JONES & SHIPMAN 540L SURFACE GRINDER	With digital readout system and Diaform	X axis 350mm Y axis 150mm Z axis 220mm
JONES & SHIPMAN 1300 CYLINDRICAL GRINDER ( 2 off )	With digital readout system	X axis 686mm Dia max 250mm
COLCHESTER 2000	With digital readout system	Max dia 430mm Gap swing max 580mm Z axis max 1100mm
CHAUBLIN LATHES ( 2 off )		Max dia 20mm
MYFORD SUPER 7 LATHE		Max dia 50mm
BRIDGEPORT SERIES 2 MILL ( 2 off )		X axis 1230mm Y axis 570mm Z axis 330mm
MENTORMILL VO A2F		
CHARMILLES ROBOFORM 31 EDM MACHINE	With tool changer carousel.	
EUROSPARK 740 EDM MACHINE ( 2 off )	With digital readout system and "C" box	
HURCO 425 EDM MACHINE	With digital readout system	
PNEUMATIC PRESS & FLY PRESSES TAPPING MACHINES		
SHADOWGRAPH		

## Capacity List

### ASSEMBLY

**FULLY EQUIPPED ASSEMBLY AREA:**

- > FLY PRESS
- > GRANITE SURFACE TABLE
- > AUTOMATIC AND MANUAL HELICOIL CAPABILITY
- > MANTIS ASSEMBLY MICROSCOPE
- > BENCH DRILLS
- > ASSORTED BAND SAWS & SAWS

### SOLDERING

**FULLY EQUIPPED SELF CONTAINED AREA:**

- > SOLDERING / WELDING / BRAZING, GAS AND PROPANE AND HEAT TREATMENT FACILITY

### FINISHING

**FULLY EQUIPPED WET PAINT SHOP:**

- > PAINT BOOTH 3.7 mtrs x 2.5 mtrs x 2.3 mtrs HIGH
- > ALOCROMING PLANT
- > SELF CONTAINED GUYSON SHOT BLASTING MACHINE
- > AUTOMATIC PARTS WASHER
- > BARRELING, VIBRATORY TROUGH FINISHING MACHINE
- > HARDENING OVENS ( 3 off )

### INSPECTION

**FULLY COMPUTERIZED AIR CONDITIONED DEPARTMENT:**

- > TESA CO-ORDINATE MEASURING MACHINE RUNNING ON ABERLINK SOFTWARE, MAXIMUM SIZE WORKING AREA 760mm x 560mm x 300mm
- > TESA CNC CO-ORDINATE MEASURING MACHINE RUNNING ON TUTOR FOR WINDOWS SOFTWARE, MAXIMUM SIZE WORKING AREA 610mm x 450mm x 200mm
- > DYNASCOPE COMPARITOR WITH QUADRA-CHEK
- > SURFACE TEST MACHINE
- > HARDNESS TESTER
- > TRIMOS DIGITAL HEIGHT GAUGES ( 2 off )
- > SHADOWGRAPH
- > CALIBRATED SURFACE TABLE
- > COMPREHENSIVE RANGE OF STANDARD GAUGES