

BRABOW ENGINEERING PLANT CAPACITY LIST

2019

CNC VERTICAL MACHINING CENTRES

Linked to PEPS Cam software
One CNC CAD / CAM Mill

2 off LEADWELL MVC 1300P

Fanuc series O-M control
Tooling BT50

4th Axis with horizontal head attachment
Nicken 300mm CNC Rotary Table fully integrated
Capacity X=1320, Y=760, Z=600
Table Working Area: 1700 x 700
Spindle Nose to table = 800mm
Fitted with Renishaw probe omp 40

1 off LEADWELL MVC OP

Misubishi control
Tooling BT40

4th Axis
GS 150mm CNC Rotary Table fully integrated
Capacity X=450, Y=350, Z=350
Table Working Area: 650 x 350
Spindle Nose to table = 450mm

1 off LEADWELL V – 40

Fanuc series 21m control
Tooling BT40

4th Axis
GS251 250mm Rotary Table fully integrated
Capacity X=1020, Y=510, Z=510
Table Working Area: 1200 x 500
Spindle Nose to table =660mm

1 off LEADWELL V – 60

Fanuc 21 MB control
Tooling BT40

4th Axis
Nicken 300mm CNC Rotary Table fully integrated
Capacity X=1520, Y=1680, Z=610
Table Working Area: 1680 x 750
Spindle Nose to Table: 815mm
Fitted with Renishaw probe omp 40

1 off LEADWELL V 30I

Fanuc Oi- MD control
Tooling BT40

4th Axis (5th Axis Ready)
Nicken 150mm CNC Rotary Table fully integrated
Capacity X=800, Y=450, Z=610
Table Working Area: 890 x 450 Spindle Nose to Table: 750mm
Through Coolant.

CNC HORIZONTAL MACHINING CENTRE

Linked to PEPS Cam software
One CNC CAD / CAM Mill

1 off LEADWELLMCH500D

Fanuc 18M control

Tooling BT50

Twin Pallet 500 x 500mm

Minimum Table Resolution .001 degree
4th Axis

Capacity X=630, Y=610, Z=510, B= 360 Degree's

Thru Spindle Coolant

60 Tool Changer

Fitted with Renishaw probe MP12
Installed with Inspection + software

CNC TURNING CENTRE'S

Linked to PEPS Cam Software
One CNC CAD / CAM Turn

1 off LEADWELL T7M

WITH LIVE TOOLING

FANUC Oi-TC control

Max Swing 637mm

200mm Dia Chuck

285 Turning Dia

585 Turning Lengths

51mm Dia bar Capacity

12 Tool Stations

1 off (DOOSAN) LYNX 220LM

WITH LIVE TOOLING

FANUC i control

Max Swing 510mm

152.4mm Dia Chuck

250 Turning Dia

510 Turning Lengths

51mm Dia bar Capacity

12 Tool Stations

Multi feed 3-76 Short Magazine bar feed

Tool setter & parts Catcher Fitted

1 off (DOOSAN) PUMA 2600LM

WITH LIVE TOOLING

FANUC i control

Max Swing 780mm

304.8mm Dia Chuck

376 Turning Dia

1280 Turning Length

76mm Dia bar Capacity

12 Tool Stations

Distance between Centre's 1500mm

1 off (DOOSAN) PUMA 3100

FANUC i control

Max Swing 850mm
302mm Dia Chuck
525 Turning Dia
760 Turning Length
102mm Dia bar Capacity
10 Tool Stations
Distance between Centre's 760mm

1 off SUGA AT 25

FANUC OT control

Max Swing 520mm
350mm Dia Chuck
480 Turning Dia
650 Turning Length
78mm Dia bar Capacity
12 Tool Stations
Distance between Centre's 650mm

1 off MORI-SEIKI SL2(Slant bed)

Fanuc 6T control

200mm Dia Chuck
300mm turning length capacity

1-off MORI-SEIKI ZL25(Slant bed)

Fanuc 11TT control

250mm Dia Chuck
520mm Swing over bed
350mm Swing over cross slide
550mm Between Centre's
Fitted with Twin Turrets
Front 12 , Rear 8
Multi feed ML1 Short Magazine Bar Feed
60mm Dia Capacity

1 off ECOTURN STAR ONE TWIN TURRET (Slant bed)

Fanuc OT control

200mm Dia Chuck
340mm Swing over bed
180mm Turning Length Capacity.

1 off LEADWELL LTC-10AP(Slant bed)

Fanuc O-T control

200mm Dia Chuck
38mm Dia Collet Chuck
400mm Between Centre's

CENTRE-LATHES

1 off COLCHESTER MASCOTE VS 2000

Digital Readout System
Swing In Gap 730mm
Swing Over Bed 460mm
1500mm Between Centre's

1 off STANKOIMPORT

Fitted with Acu-Rite Turn Vision
Max Turning Dia 350mm
600mm Between Centre's

1 off COLCHESTER 600

Fitted with Heidenhain Turn Vision
Max Turning Dia 500mm over Gap
Max Turning Dia 380mm over bed
1200mm Between centers

1 off DEAN SMITH & GRACE

Fitted with Heidenhain Turn Vision
Max Turning Dia 450mm over bed
2740mm Between Centre's

1 OFF BSA PRECISION GEARHEAD LATHE

Fitted with Newel DP 700 Digital readout
Swing over bed 410mm
Swing in Gap 640mm
1500mm Between Centre's

JIG BORING

1 off SOCIETE GENEVOISE SIP

Hydroptic 6B with rotoptic table. Capacity 950mm x 700mm
Horizontal Head Attachment
Fitted with Heidenhain mill vision

1 off HAUSER 3B

Capacity 406mm x 254mm

1 off SOCIETE GENEVOISE MP 2A OPTICAL

Capacity 254mm x 406mm

DRILLING MACHINES

1 off FORADIA Radial Arm 60",
Working area 1mtr depth x 2mtr lgth x 1mtr wide

1 off HERBERT 3-spindle inline V type heads

1 off HERBERT 4-spindle inline C type heads

UNIVERSAL MILLING

1 off ARCHDALE Plain 18" Horizontal Prod Mills
Table size 39"(990) x 10"(264)

1 off STANKOIMPORT Universal Mill
Fitted with Acu-Rite Mill vision
Table size 1730mm x 410mm

1 off XYZ SLV MANUAL TURRET MILL
Fitted with 3 Axis Newhall DRO
Table size 1473mm x 305mm
Travel 1016mm x 431mm

GRINDING

1-off XYZ 1224 SURFACE GRINDER
Table working area
X=600mm, Y=300mm, Z=400mm

1-off J & S SURFACE GRINDER
Table Working area
X=450mm, Y=150mm, Z=200mm

1-off CINCINNATI TOOL & CUTTER GRINDER

MISCELLANEOUS

1-off STARTRITE 250MM MANUAL BANDSAW
1-off STARTRITE 250MM AUTO BANDSAW
1-off DO-ALL VERTICAL BANDSAW

1 off CMM FERRANTI METROLOGY SYSTEM (MERLIN)

Fitted with Renishaw ph10M Probing, Virtual Dmiss software

1 off CMM IMS IMPACT METROLOGY SYSTEM

Fitted with Renishaw ph10T Probing, Aberlink software

1-off MAHR POCKET SURF

1 off TAYLOR HOBSON SURTRONIC

MASTER SLIPS , METRIC , IMPERIAL.

**MANY EXTRA'S OF STANDARD MEASURING
EQUIPMENT.**