

TURNING

DOOSAN PUMA 5100LB CNC LATHE

21" CHUCK
10 TOOLS
Ø160 THROUGH BORE
MAX TURNING LENGTH 1800mm
MAX TURNING DIAMETER 600mm



DOOSAN PUMA GT2600L CNC LATHE

10" CHUCK
12 TOOLS
Ø80 THROUGH BORE
MAX LENGTH 1000mm
MAX Ø450mm



HASS ST-40 LATHE TURNING CENTRE

15" CHUCK
12 TOOLS
Ø117 THROUGH BORE
MAX TURNING LENGTH 1000mm
MAX TURNING DIAMETER 648mm



DOOSAN PUMA 2600 CNC LATHE

12" CHUCK
12 TOOLS
Ø76 THROUGH BORE
MAX TURNING LENGTH 658mm
MAX TURNING DIAMETER 480mm



DOOSAN PUMA 2600 CNC LATHE

10" CHUCK
12 TOOLS
Ø76 THROUGH BORE
MAX TURNING LENGTH 658mm
MAX TURNING DIAMETER 480mm



HAAS TL-1 CNC LATHE

8" CHUCK
Ø76 THROUGH BORE
MAX TURNING LENGTH 750mm
MAX TURNING DIAMETER 406mm



MEYER ST3066 HEAVY DUTY GAP BED CENTRE LATHE

12" CHUCK
Ø101 THROUGH BORE
MAX TURNING LENGTH 3000mm
MAX TURNING DIAMETER 620mm



BROADBENT OIL COUNTRY LATHE

Ø16 1/4" THROUGH BORE
1700mm BETWEEN CHUCKS
3m LENGTH (TURNING)
2000KG WEIGHT
6m TOTAL LENGTH



Glenhead Engineering Limited

58 Beardmore Way

Dalmuir

Glasgow

G81 4HT

T- 0141 952 9945

E- info@glenheadengineering.co.uk

MILLING

DOOSAN DNM 500II VMC

WITH KITAGAWA 4TH AXIS
X 1020
Y 540
Z 510
TABLE 1200x540
WEIGHT 800kg
30+1 TOOLS



DOOSAN DNM 6700

WITH 3+2 NIKKEN 5 AXIS-201 TRUNNION
X 1300
Y 670
Z 625
TABLE 1500x670
WEIGHT 1300kg
30+1 TOOLS



DOOSAN VC630-5AX

5 AXIS MACHNING CENTRE

X 650 A (TABLE TILT) 150° (+30/-120)
Y 765 C (TABLE ROTATION) 360°
Z 520
SPINDLE NOSE TO TABLE TOP 210 TO 730mm

TABLE SIZE 630mm DIAMETER
WEIGHT 500kg
MAX WORKPIECE ENVELOPE 730mm DIA x 500 HEIGHT



HAAS VF-3 VMC

X 1016
Y 508
Z 635
TABLE 1219x457
WEIGHT 1500kg
20 TOOLS



HAAS MINI-MILL

X 406
Y 305
Z 254
TABLE 730x305
WEIGHT 220kg
10 TOOLS



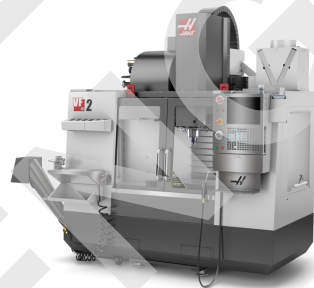
DMG CMX 50U 3+2 5 AXIS MACHINING CENTRE

X 500
Y 450
Z 400
TABLE Ø630x510
WEIGHT 200kg
30+1 TOOLS



HAAS VF-2 VMC

X 762
Y 406
Z 508
TABLE 914x356
WEIGHT 1300kg
20 TOOLS



BRIDGEPORT VMC 1000P3

WITH TROYKE 4TH AXIS

X 1020
Y 610
Z 610
TABLE 1200x600
WEIGHT 800kg
30+1 TOOLS



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GRINDING

APS-818 CNC 3 AXIS SURFACE GRINDER

MAX
X 420
Y 200
Z 330



JONES AND SHIPMAN CYLINDRICAL GRINDER

MAX
Ø150 x 350



JONES AND SHIPMAN SURFACE GRINDERS

MAX
X 420
Y 100
Z 200



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AGIE SPIRIT 4 DIE SINKER

X 750
Y 500
Z 400
TABLE 1100x800
WEIGHT 2000kg



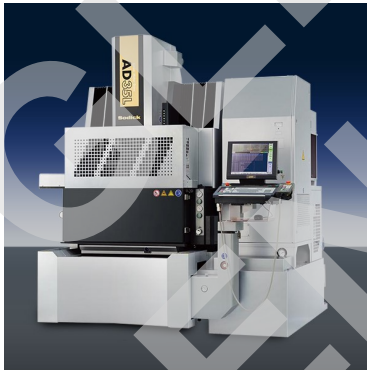
AGIE CUT E350 WIRE MACHINE

X 350
Y 250
Z 250
TABLE 800x600
WEIGHT 400kg



SODICK AD35L EDM DIE SINKER

X 350
Y 250
Z 270
TABLE 900x500
WEIGHT 550kg



SODICK AG600LH EDM WIRE MACHINE

X 600
Y 400
Z 500
TABLE 830x590
WEIGHT 1000kg



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LASER MARKING

ZETALAZE 20W FIBER LASER SYSTEM

MAX LASER WORKING AREA 100mm x 100mm



GLENHEAD
ENGINEERING



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SUPER MULTI-TASKING TURNING CENTER



DOOSAN PUMA SMX3100

Travel

Travel Distance X1-axis	695 mm (27.4in)
Travel Distance Z1-axis	1585 mm (62.4 in)
Travel Distance X2-axis	235 mm (9.3 in)
Travel Distance Z2-axis	1540 mm (60.6 in)
Travel Distance Y-axis	300±150 mm (11.8±5.9 in)
Travel Distance B-axis	240°±120°

Capacity

Max Turning Diameter (Main Spindle)	Ø660 mm (26 in)
Max Turning Length	1540 mm (60.6in)
Through Hole Diameter	Ø103 mm (4.1 in)

Spindle (Turning)

Chuck Size	10-12 in.
Speed	3,000 rpm
Power	30 kW (40 Hp)
Torque	1,203 Nm (887 ft-lbs)

Spindle (Milling)

Speed	12,000 rpm
Power	26 kW (35 Hp)
Torque	124 Nm (91 ft-lbs)

Tooling

Changer Capacity	80
Max Tool Diameter	Ø90/130 mm (3.5/5.1 in.)
Max Tool Length	450 mm (17.7 in.)
Change Time	1.8 Seconds



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