



Swiftool Precision Engineering Ltd

"Specialising in total quality precision engineered solutions"

CAPACITY LIST

MATSUURA H PLUS 300 HORIZONTAL 4AXIS MACHINING CENTRE

11 pallets 300mm x 300mm, 15,000 rpm spindle, fully integrated B axis, 320 tools supported by Matsuura's OEM TPS tool management system
Max work piece envelope 530mm diameter x H760mm x 360 degrees x 250KG



HAAS VF2 VERTICAL MACHINING CENTRE

Complete with high torque gearbox and 4th axis
Machining capacity 762mm x 406mm x 508mm

HAAS VF4 VERTICAL MACHINING CENTRE

Complete with high torque gearbox, Renishaw probing system, and 4th axis
Machining capacity 1270mm x 508mm x 635mm

3x HAAS VF6 VERTICAL MACHINING CENTRES

Complete with high torque gearbox, Renishaw probing system, and 4th axis
Machining capacity 1626mm x 813mm x 762mm
4th axis 305mm diameter chuck x 230mmcentre

HAAS VF8 VERTICAL MACHINING CENTRE

Complete with high torque gearbox, Renishaw probing system, and 4th axis
Machining capacity 1626mm x 1016mm x 762mm
4th axis 305mm diameter chuck x 230mmcentre



ELGAMILL , 'T' TYPE HI POWER HEAVY DUTY MILLING AND BORING MACHINE

Complete with HeidenhainTNC-530 control, and Renishaw probing system,
Machining capacity 3000mm x 1550mm x 1000mm

DOOSAN PUMA 2100SY : Y-axis + Sub spindle-mounted model

High performance next generation turning centre with bar feed & live tooling. **NEW 2012**
Max turning diameter 376mm, Max turning length 520mm
65mm diameter through spindle bar capacity

HARDINGE COBRA 65 CNC LATHE

Complete with high torque, parts removal system and Fanuc control
Max turning diameter 270mm, Max turning length 787mm
65mm diameter through spindle bar capacity

2x HARDINGE COBRA 51 CNC LATHES

Complete with parts removal system, Fanuc control, and graphical display
Max turning diameter 200mm, Max turning length 320mm
51mm diameter through spindle bar capacity



NAKAMURA TMC 300CM LATHE

Complete with live tooling, tool setting probe, Renishaw probing system and Fanuc control.
Max turning diameter 350mm, Max turning length 550mm
70mm diameter through spindle bar capacity.



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CAPACITY LIST - CONT

2x TAKISAWA EX-122 HEAVY DUTY CNC LATHES

Complete with 200mm capacity steady
Max turning diameter 636mm x 300mm (in gap) and/or
Max turning diameter 450mm x 1650mm
200mm diameter through spindle bar capacity



TAKISAWA EX-110 CNC LATHE

High performance universal slant bed CNC turning centre with 10 station auto indexing turret and Fanuc 21iT control with manual guide programming system.
Max turning diameter 400mm, Max turning length 710mm

2x TAKISAWA EX-108 CNC LATHES

High performance universal slant bed CNC turning centre with 12 station auto indexing turret and Fanuc 21iT control with manual guide programming system.
Max turning diameter 320mm, Max turning length 530mm
52mm diameter through spindle bar capacity



TAKISAWA EX-310 CNC LATHE

High performance universal slant bed CNC turning centre with C-Axis, driven tools, 12 station auto indexing turret and Fanuc 21iT control with manual guide programming system.
Max turning diameter 350mm, Max turning length 710mm

HAAS ST-30 CNC LATHE

High performance turning centre, 30Hp drive, 12" chuck, 12 station auto indexing turret, HAAS G-code control.
Max swing 806mm over apron Max turning diameter 533mm
(527mm dia over slide) x 660mm long
76mm diameter through spindle bar capacity



HARRISON M450 LATHE

Max turning diameter 450mm (642mm with gap removed)
Max turning length 2000mm (206mm dia over slide)

KRV EMX-2000 ENTRY LEVEL CNC MILLING MACHINE

Fitted with Proto-Trak 2 axis powered control.
Machining travel 750mm x 380mm x 400mm
Quill travel=127mm Ram=450mm +360 degree swivel, Max throat 686mm, Max load 350KG

KRV 2000 VERTICAL MILLING MACHINE WITH SLOTTING HEAD.

3Hp drive, 75-4200RPM, Fitted with digital readout, tilting head F/B +/-45 deg, L/R +/-90 deg
Table size 1270mm x 254mm x 406mm bed to spindle
Travel X=750mm Y=380mm Quill=127mm Ram=450mm +360 degree swivel.
Max throat 686mm, Max load 350KG



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CAPACITY LIST - CONT

CHARMILLES ROBOFIL 230 WIRE ERODER

Max work piece 800mm x 500mm x 220mm
Max travel 350mm x 220mm x 220mm

UNITEK SPARK ERODER WITH ORBITING HEAD

Capacity 700mm x 400mm x 450mm

JONES AND SHIPMAN 1302 CYLINDRICAL GRINDER

Grinding capacity 12" diameter x 24" long (305mm x 610mm)

JONES AND SHIPMAN 1400 SURFACE GRINDER

Grinding capacity X= 450mm Y= 200mm Z=225mm



PRESSURE TEST AND FLUSHING RIG

WITH A RANGE OF 0 TO 25,000 PSI,
COMPLETE WITH A PRESSURE CHART RECORDER AND PAMAS
PARTICLE COUNTER (CLEANLIENESS TESTING/CERTIFIED TO
NAS 1638)

ANATRONIC 500A ELECTROCHEMICAL DEBURRING MACHINE (ECD)

FOUR CO-ORDINATE MEASURING MACHINES TWO OF WHICH ARE FULLY CNC

Capacity CNC machine one 762mm x 762mm x 686mm
Capacity CNC machine two 1000mm x 650mm x 450mm
Capacity manual machine three 800mm x 550mm x 450mm
Capacity manual machine four 400mm x 350mm x 250mm



5 TON LIFTING CAPACITY OVERHEAD CRANE

Servicing the large machining cell and loading bay.

DOOSAN PUMA MX3100 CNC MILL/TURN: Full Mill/Turn capability

Specially manufactured by Doosan for Swiftool replacing the sub spindle with a fully programmable centre and steady ideally suited to shaft work and parts requiring support as well as billet work. This machine has a 15" chuck 102mm bar capacity and a 30KW 3,000rpm spindle, an integrated B-axis and a Y-axis (+/- 115mm) **NEW JUNE 2012**

Max turning diameter 670mm, Max turning length 1500mm
102mm diameter through spindle bar capacity
Shaft work 1390KG max

