



D'Cunha Industriemaschinen GmbH

Neues Roland 1 | D-29223 Celle | Tel ++49-5141-93770 | Fax.++49-5141-382108
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MACHINERY SALES LIST

We are pleased to present you our latest sales list. The machines described are either in our warehouse or ex-site factory. Either way, they may be viewed by you under power in all functions. Important for you is the fact that we always check the machines thoroughly before we purchase them and can therefore give you an accurate description of their condition. Our machine inspections are the most stringent in the business.

We also include machines that our customers have asked us to market on their behalf knowing that we will carry out the marketing thoroughly.

Over the years, we have told you about our worldwide network of contact who helps us to source the machines you require (especially “No one can find it”-machine) which we may not have at the time you require them. This statement we repeat and we can only say:
TRY US AND SEE!!

If you are selling machines, we would appreciate a chance to inspect and try and make a deal with you. Keep us in mind, we endeavour!

See you soon at:

**D'Cunha
Industriemaschinen GmbH**

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29223 Celle, Germany

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Machine portfolio as at August 2010



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LATHES

CONVENTIONAL LATHES

Universal Heavy Duty Lathe

D.F. TECH

Proposal No. L-3638

Built in 2010
Control conventional

Technical specification:

Swing Ø over bed 2000 mm; swing Ø over cross slide 1750 mm; turning length 10000 mm; centre height 1050 mm; max. workpiece weight 75000 kg; spindle bearing Ø 530 mm; spindle drive motor rating 110 KW; spindle speeds 0.625 - 125 rpm; faceplate Ø 2000 mm; 2 steady rests: closed steady rest Ø 500 - 1000 mm; open steady rest Ø 850 - 1500 mm; tailstock; quill Ø 500 mm

Condition new



Universal Lathe

DIMACH 61200/6000

Proposal No. L-3635

Built in 2008
Control conventional

Technical specification:

Swing Ø over bed 2080 mm; swing Ø over support 1600 mm; turning length max. 6000 mm; spindle bore 130 mm; spindle drive motor rating 30 KW; faceplate Ø 1600 mm; 4-station tool turret; 1 steady rest; 1 trestle; coolant unit; 3-axis digital read out; light

Condition as new



Universal Lathe

DIMACH 61208Z/6000

Proposal No. L-3636

Built in 2008
Control conventional

Technical specification:

Swing Ø over bed 2080 mm; swing Ø over support 1600 mm; turning length max. 6000 mm; spindle bore 130 mm; spindle drive motor rating 30 KW; faceplate Ø 1600 mm; 4-station tool turret; 1 steady rest; 1 trestle; coolant unit; 3-axis digital read out; light

Condition as new



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Universal Precison Lathe

INNOVATIONS PERRIN T8

Proposal No. L-3405

Built in 1968
Control conventional

Technical specification:

Swing Ø over bed 500mm; swingØ over cross slide 450mm; distance between centres 700 mm;
spindle drive motor rating 11 KW; spindle speeds 45 – 2000 rpm; 2 steady rests

Condition good



Universal Large Lathe

POREBA TR 115 B3 x 8000

Proposal No. L-3590

Built in 2010
Control conventional

Technical specification:

Swing Ø over bed 1150 mm; Swing Ø over cross slide 800 mm; max. turningØ in gap 1420 mm;
distance between centres 8000 mm; centre height 575 mm; spindle bore 120 mm; spindle drive
33/49 KW; spindle speeds 5 – 500 rpm in 21 steps; max. torque 12500 Nm; 4-station tool turret;
coolant; chip and splash guarding

Condition as new



Universal Lathe

VDF BOEHRINGER

Proposal No. L-3642

Built in 1976
Control conventional

Technical specification:

Swing Ø over bed 900 mm; Swing Ø over cross slides 600 mm; distance between centres 4000 mm;
spindle drive motor rating 15 KW; speeds up to 560 rpm

Condition good



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CNC SLIDING HEAD AUTOMATIC LATHES

CNC Sliding Head Automatic Lathe

MANURHIN K'MX 413

Proposal No. L-3513

Built in 2001
Control Siemens 840 D

Technical specification:

Main spindle: spindle bar capacity 13 mm; spindle speeds up to 12000 rpm; sprindle drive motor rating 1.1/2.2 KW; headstock travel 130 mm, C-axis; back spindle: spindle speeds up to 12000 rpm; spindle drive motor rating 1.1/2.2 KW; 6-station tool holder external; 3-station tool holder internal; 3-station tool unit with live tools; tool speeds up to 6000 rpm; automatic bar feeder 3200 mm; parts catcher

Condition very good



CNC Sliding Head Automatic Lathe

STAR SV-32J II

Proposal No. L-3666

Built in 2005
Control Fanuc 18iTB

Technical specification:

Main spindle: bar capacity 32 mm; spindle drive motor rating 5.5 /7.5 KW; spindle speeds up to 7000 rpm; full C-axis; sub spindle: bar capacity 32 mm; spindle drive motor rating 2.2/3.7 KW; spindle indexing 15 degrees; Tooling: 7-station platen: 4 tool positions for turning, 3 live tool positions for milling (max. 10 mm) and boring (max. 8 mm), tapping capacity M6; 8-station turret with live tools, milling capacity 10 mm; boring capacity 8 mm; tapping capacity M8; simultaneous work on main and sub spindle; parts separator; parts conveyor; parts collection unit, back working, FMB bar feeder; oil coolant, electronic safety guarding

Condition good



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HORIZONTAL CNC LATHES

CNC Twin Spindle Multi-Axis Lathe

DOOSAN (DAEWOO) TT2500SY-GL

Proposal No. L-3514

Built in 2005
Control Fanuc 18iTB

Technical specification:

Swing Ø over bed 800 mm; max. turning Ø 390 mm; max. turning length 740 mm; left/right spindle: spindle bore 90 mm; spindle bar capacity 76 mm; chuck Ø 255 mm; spindle drive motor rating 26 KW; spindle speeds up to 3500 rpm; C-axis 0.0001 degrees; counter spindle longitudinal travel 810 mm; Top turret: 12 live tool positions; tool drive motor rating 5.5 KW, tool speeds up to 4000 rpm; Y-axis; bottom turret: 12 live tool positions; tool drive motor rating 5.5 KW; tool speeds up to 4000 rpm; gantry loader; parts conveyor; tool measurement; high pressure coolant; spindle synchronisation; Renishaw measuring probe; Bar feed interface; etc.

Condition very good



CNC Long Bed Lathe

GEMINIS GHT 9 G4 1600 x 12000

Proposal No. L-3613

Built in 2007
Control Fagor 8055 TC/C

Technical specification:

Swing Ø over bed 1600 mm; swing Ø over cross slide 1320 mm; turning length 12000 mm; spindle drive motor rating 82 KW; spindle speeds 0 - 255 rpm (2 gear steps); spindle torque max. 10750 Nm; C-axis; 4-station tool turret with 1 live tool position for milling; Boring bar holder; Steadies, etc...

Condition very good



CNC Lathe

GILDEMEISTER CT 60

Proposal No. L-3644

Built in 1989
Control EPL 2

Technical specification:

Swing Ø over bed 600 mm; swing Ø over cross slide 360 mm; turning length 2000 mm; spindle bore 107 mm; chuck Ø 320 mm; spindle drive motor rating 30 KW, spindle speeds 16 - 3150 rpm; 12-station turret tool; tailstock; chip conveyor; coolant unit; new spindle drive in 2008

Condition good



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CNC Long Bed Lathe

HANKOOK DYNATURN 1700 x 8000

Proposal No. L-3505

Built in 2008
Control Fanuc 21iTB

Technical specification:

Swing Ø over bed 1700 mm; swing Ø over cross slide 1320 mm; distance between centres 8000 mm; faceplate Ø 1270 mm; spindle drive 45 KW; spindle speeds up to 500 rpm; 4-station turret head; 3 steady rests; 2 follow rests; boring bar holder for boring bars up to 150 x 1500 mm; tailstock; chip conveyor

Condition as new



CNC Long Bed Lathe

HANKOOK DYNATURN 1930

Proposal No. L-3580

Built in 2009
Control Fanuc 21iTB

Technical specification:

Swing Ø over bed 1930 mm; swing Ø over cross slide 1550 mm; max. turning length 6000 mm; faceplate Ø 1600 mm; max. work piece weight 12000 kg; spindle drive 37/45 KW; spindle speeds 1 – 500 rpm; spindle torque max. 14710 Nm; chip conveyor; tailstock; chuck cover, coolant system

Condition as new



CNC Lathe with Live Tools

HEID S500

Proposal No. L-3651

Built in 1990
Control Siemens 850T

Technical specification:

Swing Ø over bed 800 mm; turning length 1000 mm; spindle indexing 1 degree; spindle drive motor rating 53 KW; spindle speeds 4.6 - 2800 rpm; chuck Ø 500 mm; tool spindle drive motor rating 10 KW; tool spindle speeds up to 3200 rpm (2 gear steps); 24-station ATC; set of live tool holders; chip conveyor; chucker - no tailstock

Condition good



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CNC Lathe

HEID SDS-NCC 800

Proposal No. L-3661

Built in 1987
Control Siemens 850T

Technical specification:

Swing Ø over bed 800 mm; swing Ø over cross slide 690 mm; turning length 3000 mm; workpiece weight between centres max. 3500 kg; spindle drive motor rating 60 KW; spindle speeds 5.6 - 1120 rpm; spindle torque max. 8000 Nm; 15-station tool turret; 1x SMW steady rest Ø 50 - 170 mm

Condition good



CNC Heavy Duty Lathe

HERKULES

Proposal No. L-3671

Built in 1970 / 2009 retrofit
Control Fanuc 21i

Technical specification:

Swing Ø over bed 1800 mm; swing Ø over cross slide 1600 mm; turning length 12000 mm; workpiece weight max. 120 t; spindle drive motor rating 275 KW; spindle speeds 0.8 - 100 rpm; chuck Ø 1650 mm; steady rest; chip conveyor; X and Z-axis ball screw

Condition good



CNC Large Lathe

HEYLIGENSTAEDT DB 1000/III/25 x 15000

Proposal No. L-3546

Built in 2005 retrofit
Control Fagor 8055T

Technical specification:

Swing Ø over bed 1980 mm; swing Ø over cross slide 1640 mm; turning length 15000 mm; workpiece weight between centres max. 60 t; faceplate Ø 1600 mm; spindle drive motor rating 60 KW; spindle speeds 9 - 180 rpm; 2 steady rests; tailstock; chip conveyor

Condition good



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CNC 4-Axis Lathe

HITACHI SEIKI HiCELL 23

Proposal No. L-3664

Built in 1990
Control Seicos LIII

Technical specification:

Swing Ø over bed 400 mm; swing Ø over cross slide 400 mm; turning Ø 260 mm; turning length 500 mm; spindle bore 78 mm; spindle drive motor rating 7.5/11 KW; spindle speeds 20 - 3600 rpm; C-axis 0.001 degrees; collet chuck; 10-station tool turret with 5 live tool positions; tool drive motor rating 3.7/5 KW; tool speeds 100 - 3000 rpm; NT40 taper; 12-station ATC; tailstock; chip conveyor; tool measurement; parts catcher; package of driven and static tool holders

Condition good



CNC Lathe

HITACHI SEIKI HT20SII

Proposal No. L-3348

Built in 1990
Control Seicos L-III

Technical specification:

Swing Ø over bed 380 mm; max. turning Ø 210 mm; turning length 380 mm; chuck Ø 200 mm; bar capacity 51 mm; spindle drive motor rating 11 KW; speeds 30 – 5000 rpm; 10-station tool turret; tool measurement; tailstock; chip conveyor

Condition good



CNC Slant Bed Lathe - Heavy Duty

MAX MÜLLER MDW30

Proposal No. L-3614

Built in 1990
Control EPL 2

Technical specification:

Swing Ø over bed 830 mm; swing Ø over cross slide 640 mm; turning length 2050 mm; spindle bore 103 mm; spindle drive motor rating 50 KW; spindle speeds 7 - 1400 rpm; 12-station tool magazine; programmable tailstock; chip conveyor; large package of tooling, jaws, accessories

Condition good



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CNC Twin Spindle Turn-Mill Centre

MAZAK SUPER QUICKTURN 250 MS

Proposal No. L-3409

Built in 2000
Control Mazatrol PC Fusion 640MT

Technical specification:

Swing Ø over bed 525 mm; turning Ø 300 mm; turning length 534 mm; main spindle: spindle drive motor rating 22 KW, spindle speeds up to 4000 rpm, C-axis 0.001 degrees; back spindle: spindle drive motor rating 7.5 KW, spindle speeds up to 4000 rpm, back spindle longitudinal travel 585 mm; 12-station turret with live tools; tool drive motor rating 3.7 KW; tool measurement; chip conveyor; direct tapping; high pressure coolant

Condition very good



CNC Lathe with Live Tools

MONFORTS MNC 600-2

Proposal No. L-1830

Built in 1986
Control Siemens 3T

Technical specification:

Swing Ø over bed 320mm; swingØ over cross slide 160 mm; turning length 600 mm; bar capacity 65 mm; spindle drive 30 KW; speeds up to 4000 rpm; C-axis 0.001 degrees; 12-station tool turret with live tools; collet chuck; prepared for bar feeder; tailstock; chip conveyor

Condition good



CNC Twin Spindle Lathe with Live Tools

MORI SEIKI MT-403/4000

Proposal No. L-3627

Built in 2005
Control Fanuc 16iTA

Technical specification:

Swing Ø over bed 940 mm; max. turning Ø 770 mm; turning length 4071 mm; spindle drive motor rating 30/22 KW; Both spindles with C-Axes 0.001 degrees; chuckØ 400 mm; Turn mill unit with Y-Axis & B-Axis; tool spindle drive motor rating 15/11 kW; tool speeds up to 6000 rpm; 120-station tool magazine;

Condition good



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CNC Twin Spindle 5-Axis Lathe

NILES N50UC

Proposal No. L-3626

Built in 1998
Control Siemens 840C

Technical specification:

Swing Ø over bed 1010 mm; swing Ø over cross slide 940 mm; turning Ø 900 mm; turning length 6000 mm; main spindle: spindle drive motor rating 100 KW, spindle speeds 4 - 1618 rpm, spindle torque max. 5431 Nm; counter spindle Ø 195 mm with inside cone MK5; twin-slide with one milling and one turning unit: tool drive motor rating 45 KW, tool speeds 10 - 4000 rpm, tool torque max. 420 Nm; tool taper HSK-100A, milling unit with Y-axis for off-centre machining and B-axis for inclined machining; 96-station tool magazine; coolant unit, chip conveyor

Condition very good



CNC Flat Bed Lathe with Milling Spindle

SAFOP LEONARD 50/1300 CNC

Proposal No. L-3640

Built in 1988
Control Siemens 840C

Technical specification:

Swing Ø over bed 1550 mm; max. turning Ø 1170 mm; turning length 12500 mm; workpiece weight between centres without steadies 18000 kg; spindle drive motor rating 100 KW; C-axis 0.001 degrees; milling spindle; 4 steady rests

Condition good



CNC Heavy Duty Lathe

SAFOP T220 x 12000

Proposal No. L-3670

Built in 1999 / 2009 retrofit
Control Siemens 840C

Technical specification:

Swing Ø over bed 2200 mm; swing Ø over cross slide 1800 mm; turning length 12000 mm; max. workpiece weight 40 t; spindle drive motor rating 100 KW; spindle speeds 1.25 - 250 rpm; spindle torque max. 30000 Nm; C-axis; chuck Ø 2150 mm; Y-axis for off-centre operations; 4 station tool post; 2 steady rests; chip conveyor; linear scales

Condition very good



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CNC High Precision Lathe with Live Tools

SPINNER PD/B-MC

Proposal No. L-3254

Built in 2002
Control Fanuc 18iT

Technical specification:

Swing Ø over bed 300 mm; swing Ø over cross slide 150 mm; spindle bar capacity 32 mm; spindle drive 7.5 KW; spindle speeds up to 8000 rpm; C-axis 0.001 degrees; 12-station tool turret with 6 live tool positions; tool drive motor rating 1.1 KW; tool speeds up to 6000 rpm; VDI-20 taper; bar magazine FMB 5-42/3200; parts catcher; chip conveyor, large tool package; SUB MICRON PRECISION

Condition very good



CNC Lathe

TRAUB TND 300

Proposal No. L-2951

Built in 1990
Control Traub TX8F

Technical specification:

Swing Ø over bed 400 mm; max. turning Ø 170 mm; max. turning length 550 mm; spindle drive motor rating 18.5 KW; spindle speeds 56 – 5600 rpm, chuckØ 175 mm; bar capacity 65 mm; 12-station tool turret; tailstock

Condition good



CNC Turn-Mill Centre

VOEST ALPINE WNC 500S x 1600 MT

Proposal No. L-3430

Built in 1991
Control Siemens 880T

Technical specification:

Swing Ø over bed 540 mm; turning Ø max. 380 mm; turning length max. 1600 mm; spindle bore 77 mm; chuckØ 260 mm, spindle drive 37.5 KW; spindle speeds up to 4000 rpm; max. spindle torque 1000 Nm; turning-drilling-milling unit: drive motor rating 15 KW, speeds up to 3000 rpm; swivelling angle 180 degrees in 0.01 degrees increments (B-axis); Y-axis 160 mm (for off centre machining); 24-station tool magazine; disc turret on lower slide with 12 tool positions; chip conveyor; tool package; available from autumn 2010

Condition good



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CNC Slant Bed Lathe with Twin Turrets

VOEST ALPINE WNC 700S x 1250

Proposal No. L-3637

Built in

Control Siemens 850T

Technical specification:

Swing Ø over bed 750 mm; turning Ø max. 370; spindle drive motor rating 60 KW; spindle speeds 5 - 400 rpm / 20 - 1600 rpm (2 steps); chuck Ø 630 mm; 2 x 12-station turrets; tailstock, chip conveyor; linear scales in X

Condition good



CNC Turn-Drill-Mill Centre

WFL M100 x 5000

Proposal No. L-3649

Built in 2007

Control Siemens 840D

Technical specification:

Swing Ø over bed 950 mm; swing Ø over cross slide 850 mm; turning length 5000 mm; spindle bore 165 mm; spindle drive motor rating 60 KW; spindle speeds 5 - 1600 mm; C-axis 0.001 degrees; turn-drill-mill unit: drive 30 KW, speeds up to 6000 rpm; Y-axis for off centre machining and B-axis for tilting; 60-station tool magazine; 2 steady rests; chip conveyor; tailstock; tool measurement; direct tapping; tool management; sister tool strategy; coolant and filtration unit; Marposh radio probe; super finishing device; coolant through turn-drill-mill-unit 80 bar

Condition very good



CNC Twin Spindle Turn-Mill Centre

WFL M-30G

Proposal No. L-3431

Built in 1993

Control Siemens 880T

Technical specification:

Swing Ø over bed 520 mm; max. turning Ø 300 mm, max. turning length 1050 mm; left spindle: spindle bore 77 mm; chuckØ 250 mm; spindle drive motor rating 22 KW; speeds 10 – 5000 rpm; C-axis 0.001 degrees; right spindle: spindle bore 77 mm; chuckØ 250 mm; spindle drive motor rating 15/22 KW; spindle speeds 10 – 3150 rpm; C-axis 0.001 degrees; Turning-drilling-milling unit: drive 9 KW, speeds 1 - 4000 rpm; B-axis for inclined machining 0.01 degrees / 180 degrees; Y-Axis for off-centre machining 160 mm; 20-station tool magazine; tool turret on lower slide with 2x12 tool positions; high pressure pump; chip conveyor

Condition very good



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CNC Twin Spindle Turn-Mill Centre

WFL M-35G

Proposal No. L-3583

Built in 2007
Control Siemens 840D

Technical specification:

Swing Ø over bed 420 mm, max. turning Ø 420 mm, max. turning length 1500 mm; left / right spindle: spindle bore 77 mm, chuck Ø 315 mm, spindle drive motor rating 33 KW, spindle speeds up to 4000 rpm; C-axis 0.001 degrees; turning-drilling-milling unit: drive motor rating 20 KW; speeds to 9000 rpm; B-axis for inclined machining +/- 110 degrees; Y-axis for off-centre machining 250 mm; 80-station tool magazine; tool turret on lower slide with 12 tool positions; direct tapping, spindle synchronisation, coolant through TDM unit, oil skimmer, back spindle tailstock function, Visiport window, radio work piece measuring, Crash Guarding® Anti-collision system

Condition very good



CNC Twin Spindle Turn-Drill-Mill Centre

WFL M40-G MILLTURN

Proposal No. L-3582

Built in 2006
Control Siemens 840D

Technical specification:

Swing Ø over bed 520 mm; turning Ø 350 mm; turning length 2000 mm; main spindle: spindle drive motor rating 29/33 KW, spindle speeds up to 4000 rpm, spindle torque max. 630 Nm, C-axis 0.001 degrees, chuck Ø 315 mm; counter spindle: spindle drive motor rating 29/33 KW; spindle speeds up to 4000 rpm; spindle torque max. 630 Nm; C-axis 0.001 degrees; chuck Ø 315 mm; turn-drill-mill unit: drive motor rating 15/20 KW, speeds up to 2000 rpm, torque max. 250 Nm, tool taper HSK-A63; Y-axis for off-centre machining, B-axis for inclined machining; steady rest; chip conveyor; tool life management; sister tool strategy, tool breakage control; electric handwheel; rigid tapping, spindle synchronisation; counter spindle tailstock funktion; tool measurement via radio probe; coolant through turn-drill-mill unit 81 bar; paper band filter; oil skimmer; etc.

Condition very good



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VERTICAL CNC LATHES

CNC Vertical Lathe

EMAG VSC 400

Proposal No. L-3662

Built in 2001
Control CNC

Technical specification:

Swing Ø over bed 420 mm; turning diameter 340 mm; spindle drive motor rating 45/58 KW;
spindle speeds up to 4000 rpm; spindle torque max. 620 Nm; chuck Ø 400 mm; 12-station tool
turret; ball screw

Condition good



CNC Vertical Lathe with Live Tools

HITACHI SEIKI CS30

Proposal No. L-3608

Built in 2001
Control Sigma 21L

Technical specification:

Swing Ø over bed 650 mm; max. turning Ø 480 mm; turning height max. 220 mm; ChuckØ 400
mm; spindle drive motor rating 30/37 KW; spindle speeds 30 - 3000 rpm; C-axis 0.001 degrees; 12-
station tool turret with live tools; live tool motor rating 5.5/2.2 KW; live tool speeds 100 - 3000
rpm; VDI 40; Single station boring bar holder; tool life management; direct tapping, spindle
synchronisation; high pressure coolant;

Condition good



CNC Vertical Lathe

HWA-CHEON

Proposal No. L-3597

Built in 2006
Control Fanuc 18iTB

Technical specification:

Swing Ø 820 mm; max. turning Ø 650 mm; turning height 700 mm; spindle drive motor rating
45/37 kW; spindle speeds 10 - 1500 rpm; chuck Ø 630 mm; 12-station tool turret; tool breakage
control, powered main drive; tool life management; door automation; robot interface

Condition very good



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CNC Vertical Lathe with Pallet Changer

IMT S32/2

Proposal No. L-3660

Built in 1999
Control Siemens 840D

Technical specification:

Pallet changer with 2 pallets; pallet load max. 600 kg; swing Ø 800 mm; turning Ø 650 mm; spindle drive motor rating 55 KW; spindle speeds up to 700 rpm; C-axis; clamping chuck diameter max. 630 mm; 24-station ATC; live tool drive motor rating 11 KW; live tool speeds up to 4000 rpm; tool taper CAPTO 6

Condition good



CNC Twin Spindle Vertical Lathe

PITTLER PV 315/2-2

Proposal No. L-2991

Built in 1990
Control Siemens 850T

Technical specification:

Swing Ø 500 mm; turning Ø 400 mm; spindle drive motor rating 2 x 42 KW; spindle speeds 28 – 2500 rpm; 2 x chuck Ø 315 mm; 2 x 4-station turrets; 2 tool supports; NC-turnaround station; parts conveyor; chip conveyor

Condition good



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VERTICAL BORERS

CONVENTIONAL

Double Column Vertical Borer with 3 Rams and Milling Spindle

HOMMA HM-40-55-GT

Proposal No. VK-4124

Built in 1981
Control conventional

Technical specification:

Faceplate Ø 4000 mm; faceplate load max. 50000 kg; swing Ø max. 5500 mm; turning height max. 3000 mm; ram head right side for turning: ram cross section 240 x 240 mm; ram horizontal travel 2900 mm; ram vertical travel 1700 mm; tilting angle of ram +/- 30 degrees; ram head left side for milling: ram cross section 200 x 200 mm; ram horizontal travel 2900 mm; ram vertical travel 800 mm; milling ram spindle motor rating 11 KW; milling ram spindle speeds 20 – 700 rpm; side ram head – right column mounted: side ram cross travel 1000 mm; side ram vertical stroke/cutting height 2500 mm; max cutting Ø with side ram 5200 mm; table drive motor rating 60 KW; table speeds 0.3 – 30 rpm; max torque at table 28000 kg.m; free position table clamping

Condition good



Double Column Vertical Borer

KOLOMNA KU-101

Proposal No. VK-4620

Built in 1968
Control conventional

Technical specification:

Faceplate Ø 7100 mm; swing Ø 8000 mm; turning height 5000 mm; Twin rams;

Condition good



Double Column Vertical Borer

MORANDO 2500/2650/1800

Proposal No. VK-4498

Built in unknown
Control conventional

Technical specification:

faceplate Ø 2500 mm; swing Ø 2650 mm; turning height 1800 mm; table drive motor rating 55 KW; table speeds up to 80 rpm

Condition good



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Single Column Vertical Borer

OM TMS2-20/55

Proposal No. VK-3772

Built in 1981
Control conventional

Technical specification:

2 faceplates; faceplate Ø 2000 and 4000 mm; swing and turning Ø max. 5500 mm; turning Ø to centre max. 3000 mm; turning height max. 1600 mm; max. work piece weight 20000 kg; table drive motor rating 37 KW; moving column

Condition very good

CNC

CNC Double Column Vertical Borer with Milling Spindle

BERTHIEZ TDM 630 NC

Proposal No. VK-4653

Built in 1984
Control San Giorgio

Technical specification:

Faceplate Ø 6300 mm; faceplate load max. 160 t; swing Ø 8000 mm; turning height 3500 mm; elevating crossrail; table drive motor rating 2 x 70 KW; right ram for turning with 45 degrees swivelling angle, left ram for turning and milling with 15 degrees swivelling angle; ram size 360 x 360 mm

Condition good



CNC Vertical Borer with Pallet Changer and Milling Spindle

CARNAGHI (PIETRO) ATF 8 TM

Proposal No. VK-4518

Built in 1995
Control NUM 1060/II

Technical specification:

Pallet changer with 2 faceplates; faceplate load max. 1500 kg; turning Ø 1.000 mm; turning height 750 mm; ram vertical travel 750 mm; table drive motor rating 60 KW; table speeds 15 - 1000 rpm; C-axis 0.001 degrees; ram section 250 x 250 mm; BT 50; 80-station tool magazine; Milling spindle drive motor rating 23.5 KW; Milling spindle speeds 13 - 3000 rpm; chip conveyor; Renishaw measuring probe; oil coolant; paper band filtration; 2 x 630 mm 3-jaw chucks, 2 x 1000 mm faceplates;

Condition good



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CNC Vertical Borer with Milling Spindle

DÖRRIES SCHARMANN CONTUMAT 2 VCE MC **Proposal No. VK-4213**

Built in 1992
 Control Siemens 880T

Technical specification:

Faceplate Ø 2000 mm; swing Ø 2800 mm; turning height max. 1430 mm; table drive motor rating 69 KW; table speeds 1.6 – 180 rpm; C-axis 0.001 degrees; milling spindle drive motor rating 18 KW; milling spindle speeds up to 1500 rpm; 20-station tool magazine; angle head; grinding spindle

Condition good



CNC Vertical Borer with Milling Spindle and Tool Changer

HANKOOK VTC-30/40E **Proposal No. VK-4494**

Built in 2007
 Control Fanuc 18iTB

Technical specification:

faceplate Ø 3000 mm; swing Ø 4000 mm; turning height max. 2800 mm; table drive motor rating 60/75 KW; table speeds 1 – 120 rpm; C-axis 0.001 degrees/ 0 - 180 degrees/min; milling spindle drive motor rating 22/26 kW; milling spindle speeds 15 - 1.500 rpm; 24-station tool magazine, 12 live tool positions

Condition very good



CNC Vertical Borer

INNSE **Proposal No. VK-4479**

Built in 1975/1992
 Control Siemens 840C

Technical specification:

Faceplate Ø 3800 mm; swing Ø 5350 mm; Work height max. 3200 mm; workpiece weight max 80000 kg; 2x vertical supports;

Condition good



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CNC Vertical Borer

JUNGENTHAL JU 165

Proposal No. VK-4211

Built in 1973/2003
Control Bendix CNC

Technical specification:

Faceplate Ø 1650 mm; swing Ø 2000 mm; turning height max. 1500 mm; table drive motor rating 40 KW; table speeds up to 260 rpm; 5-station turret head

Condition good



CNC Vertical Borer with Milling Spindle and Gear Shaping

KOMATSU GVH 500

Proposal No. VK-3982

Built in 2002
Control Fanuc 180 iM

Technical specification:

Pallet changer with 2 faceplates; faceplate Ø 1250 mm; faceplate load max. 6000 kg; turning Ø max. 1600 mm; turning height max. 1340 mm; table drive motor rating 30/37 KW; table speeds 2 - 360 rpm; C-axis 0.001 degrees; tool drive motor rating 15 KW; 60-station tool magazine for turning and milling tools; B-axis at milling head for gear shaping up to Module 10; top machine for turning, drilling, milling and gear shaping!

Condition very good



CNC Vertical Borer with Milling Spindle

MITSUBISHI M-VT16A

Proposal No. VK-3983

Built in 1996
Control Fanuc 16TA

Technical specification:

Faceplate Ø 1350 mm; faceplate load max. 5000 kg; swing Ø 2000 mm; turning height 900 mm; 6-jaw hydraulic chuck Ø 1350 mm; 36-station tool magazine; spindle taper BT50; milling spindle speeds 20 – 2000 rpm; table speeds 1 – 150 rpm; ram size 250 x 250 mm; linear scale feedback; angle head; auto tool length measurement; synchronised tapping horiz./vert.; chip conveyor

Condition very good



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CNC Vertical Borer with Milling Spindle

MORANDO IBRID VHN 20/25

Proposal No. VK-4617

Built in retrofit
Control CNC

Technical specification:

Faceplate Ø 2000 mm; faceplate load max. 37 t; swing Ø 2545 mm; turning height 2200 mm; table drive motor rating 71/100 KW, C-axis 0.001 degrees; elevating cross rail; left ram with 10-station tool magazine; right ram with 4-station turret head; milling spindle drive motor rating 20 KW; milling spindle speeds up to 2000 rpm; ISO 50; ram size 250 x 250 mm; full guarding; chip conveyor

Condition very good - fully overhauled



CNC Vertical Borer

MORANDO IBRID VLN 12

Proposal No. VK-4618

Built in retrofit
Control Siemens 840D SL

Technical specification:

Faceplate Ø 1200 mm (auto-centring chuck 1200 mm); faceplate load max. 12 t; swing Ø 1550 mm; turning height 870 mm; maximum workpiece height 975 mm; table drive motor rating 37 KW; table speeds 2.7 - 27 - 400 rpm; 12-station tool magazine; elevating cross rail, ram size 250 x 250 mm

Condition very good - fully overhauled



CNC Vertical Borer with Live Tools

OM TMM-23/28

Proposal No. VK-4656

Built in 1993
Control Fanuc 15TA

Technical specification:

Faceplate Ø 2300 mm; faceplate load max. 15000 kg; swing Ø 2800 mm; turning height 2000 mm; table C-axis 0.001 degrees; elevating crossrail; travelling gantry (Y-axis); 10-station tool changer for turning tools; 26-station tool changer for milling tools; angle head for 5-face machining

Condition good



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CNC Double Column Vertical Borer with Milling Spindle

TITAN SC 125/160 D CNC

Proposal No. VK-4410

Built in 1986
Control Siemens 7T / 7M

Technical specification:

faceplate Ø 10000 mm; swing Ø 16000 mm; turning height 5500 mm; workpiece weight max. 400000 kg; C-axis; table drive motor rating 2 x 100 KW; ram swivel 0 - 30degrees; milling spindle Ø 225 mm; milling spindle drive motor rating 37 kW; milling spindle speeds 1 - 630 rpm; ISO 50; circular interpolation; direct tapping; linear scales

Condition good



CNC Vertical Borer with Milling Spindle

TOSHIBA SHIBAURA TD-30/36S

Proposal No. VK-3721

Built in 1979
Control Siemens 840C

Technical specification:

Faceplate Ø 3000 mm; turning Ø max. 3600 mm; turning height max. 3000 mm; table drive motor rating 55 KW; table speeds 0.32 – 63 rpm; 2 vertical rams; table with controlled C-axis; left ram with milling spindle; retrofitted with Siemens control

Condition very good



CNC Vertical Borer with Pallet Changer

TOSHIBA TSN 10B

Proposal No. VK-4140

Built in 1986
Control Tosnuc 600L

Technical specification:

2-station pallet changer; pallet Ø 1000 mm; swing Ø 1200 mm; turning height max. 900 mm; table drive motor rating 37 KW; table speeds up to 315 rpm; 42-station tool magazine

Condition good



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CNC Vertical Borer With Tool Changer

TOSHIBA TSN -16/32A

Proposal No. VK-3881

Built in 1986/2006
Control Meldas 520

Technical specification:

Faceplate Ø 1600 mm; faceplate load max. 12500 kg; swing Ø 3200 mm; distance table to ram max. 1400 mm; 3 controlled axes: ram cross - table longitudinal - ram vertical; table drive motor rating 30/37 KW; table speeds 2.5 - 100 rpm; 8-station tool magazine

Condition good



CNC Vertical Borer with Milling Spindle

YOU Ji YV-1000ATC+C

Proposal No. VK-4589

Built in 2008
Control Fanuc 18iT

Technical specification:

Faceplate Ø 1000 mm; faceplate load max. 4 t; swing Ø 1350 mm; turning height 900 mm; table drive motor rating 30/37 KW; table speeds (in 2 steps) 2 - 160 / 160 - 600 rpm; milling spindle drive motor rating 7.5/11 KW; milling spindle speeds 1 - 2400 rpm; 16-station tool magazine; BT 50; tool length measurement; tool breakage control; C-axis scale; coolant through the spindle 12 bar; hydraulic chuck

Condition very good

CNC MACHINING CENTRES

HORIZONTAL CNC MACHINING CENTRES

CNC Horizontal Machining Centre with Pallet Changer

DMG DMC 70H DUOBLOCK

Proposal No. MH-4811

Built in 2006
Control Siemens 840D Powerline Shopmill

Technical specification:

Pallet changer with 2 pallets; pallet size 500 x 500 mm; travels: X 700 mm, Y 800 mm, Z 800 mm; spindle drive motor rating 20/30 KW; spindle speeds up to 10000 rpm; ISO 40; 80-station tool magazine (chain magazine with double arm); high pressure coolant through the spindle 40 bar; rotary window; 3D contouring control; Renishaw OMP60 infrared measuring probe; 4-colour signal lamp; oil and emulsion mist skimmer; electric handwheel; Operation Mode 4

Condition very good



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CNC Horizontal Machining Centre with H/V head for 5-Face Machining

BURKHARDT & WEBER MC 120 HV

Proposal No. MH-4742

Built in 1986
Control Siemens 850M

Technical specification:

Pallet changer with 2 pallets; pallet size 800 x 1000 mm; pallet load max. 6000 kg; table indexing 1degree; travels X 1600 mm, Y 1250 mm, Z 1250 mm;
spindle drive motor rating 45 KW; spindle speeds 20 – 3800; 98-station tool magazine; horizontal-vertical swivelling head; NC-facing head magazine/changer; main spindle torque- and feed control; coolant through the spindle 20 bar, tool breakage control; hydraulic workpiece / fixture clamping 60 bar

Condition good



CNC Horizontal Machining Centre with H/V head for 5-Face Machining

BURKHARDT & WEBER MC 140 HV

Proposal No. MH-4746/47

Built in 1986/87
Control Siemens 850M

Technical specification:

Pallet changer with 2 pallets; pallet size 1600 x 1250 mm; table indexing 1degree; travels X 2000 mm, Y 2000 mm, Z 1800 mm; spindle drive motor rating 45 KW; spindle speeds 20 – 3800 rpm;
98-station tool magazine; horizontal-vertical swivelling head; NC-facing head magazine/changer; main spindle torque- and feed control; coolant through the spindle 20 bar, tool breakage control; hydraulic workpiece / fixture clamping 60 bar

Condition good



CNC Horizontal High Performance Machining Centre with FASTEMS Pallet System

DMG DMC-70H DUOBLOCK

Proposal No. MH-4701

Built in 2007
Control Siemens 840D power line

Technical specification:

FASTEMS pallet system for 20 pallets; Pallet size 500 x 500 mm; NC-Table B-Axis 0.001 degrees; Travels: X 700 mm, Y 800 mm, Z 800 mm; Rapids to 80 m/min; spindle drive motor rating 30 KW; spindle speeds to 10000 rpm; spindle taper ISO 50; 240 station rack type tool magazine; coolant through spindle 40 bar; linear scale feedback; Heidenhain probe; BLUM tool measurement; and MORE. System ready to accept second machine !

Condition very good



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CNC Horizontal Machining Centre with Pallet Changer

DOOSAN HM800

Proposal No. MH-4719

Built in 2007
Control Fanuc 18iMB

Technical specification:

Pallet changer with 2 pallets; pallet size 800 x 800 mm; pallet load max. 1600 kg; table indexing 1degree; travels X 1250 mm, Y 1000 mm, Z 1000 mm; spindle drive motor rating 22 KW; spindle speeds up to 6000 rpm, spindle torque max. 1990 Nm, 60-station tool magazine; direct tapping; coolant through the spindle; chip conveyor

Condition as new



CNC Horizontal Machining Centre with Pallet Changer

HECKERT CWK 400D

Proposal No. MH-4800

Built in 1999
Control Siemens 840D

Technical specification:

Pallet changer with 2 pallets; pallet size 400 x 400 mm; NC table 0.001 degrees; X 650 mm, Y 500 mm, Z 650 mm; spindle speeds up to 15000 rpm; ISO 40; 60-station tool magazine; chip conveyor; coolant unit; coolant through the spindle

Condition good



CNC Horizontal Machining Centre with Pallet Changer

HELLER BEA 07

Proposal No. MH-4031

Built in 1985
Control uni-Pro NC 80-C

Technical specification:

Pallet changer with 2 pallets; pallet size 400 x 500 mm; pallet load max. 300 kg; table indexing 1degree; travels X 630 mm, Y 500 mm, Z 560 mm; spindle drive 15 KW; spindle speeds 45 – 6000 rpm; tool taper ISO 40; 40-station tool magazine

Condition good



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CNC Horizontal Machining Centre with Pallet Pool

HELLER MCS 250 HS

Proposal No. MH-4740

Built in 1995
Control uni-Pro CNC 90

Technical specification:

Pallet pool with 6 pallets; pallet size 500 x 630 mm; pallet load max. 800 kg; NC table 0.001 degrees; X 800 mm, Y 800 mm, Z 970 mm; spindle drive motor rating 43 KW, spindle speeds up to 12000 rpm; ISO 50; 200-station tool magazine; direct tapping; Renishaw measuring probe; chip conveyor; linear scales; coolant through the spindle 50 bar;

Condition very good



CNC Horizontal Machining Centre with Pallet Changer

HÜLLER HILLE NBH 170-4

Proposal No. MH-4727

Built in 1999
Control Siemens 840C

Technical specification:

Pallet changer with 2 pallets; pallet size 500 x 630 mm; pallet load max. 800 kg; NC-table indexing 0.001 degrees; travels X 800 mm, Y 800 mm, Z 630 mm; spindle drive motor rating 37/46 KW; spindle speeds 25 – 6000 rpm; 4-station tool cassette magazin with altogether 184 tool positions; NC-facing head; chip conveyor, direct tapping, tool breakage control; high pressure coolant 50 bar – outer and inner coolant supply through working spindle; Renishaw measuring probe; tool taper cleaning, etc.

Condition good



CNC Horizontal Machining Centre

HÜLLER HILLE NBH 230-3R

Proposal No. MH-4759

Built in 2006
Control Siemens 840D

Technical specification:

Pallet changer with 2 pallets; pallet size 630 x 800 mm; NC table 0,001degrees; travels X 1200 mm, Y 1000 mm, Z 1200 mm; spindle drive motor rating 37/46 KW; spindle speeds 25 - 6.000 rpm; ISO 50; 3x cassette tool magazine with altogether 150 tool positions; tool life management; sister tool strategy; direct tapping; chip conveyor; paper band filtration; tool breakage control; Renishaw measuring probe; coolant through the spindle 20 - 70 bar; feed and torque control; etc.

Condition very good



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CNC Horizontal Machining Centre with Pallet Changer

MAHO MC5 HS

Proposal No. MH-4623

Built in 1983
Control Philips 432 CNC

Technical specification:

Pallet changer with 2 pallets; pallet size 400 x 400 mm; table indexing B-axis 0.001 degrees; travels X 500 mm; Y 400 mm; Z 400 mm; spindle speeds 20 - 8000 rpm; ISO 40; 48-station tool magazine; coolant unit, package of tool holders

Condition good



CNC Horizontal Machining Centre with Pallet Changer

MAHO MC5 HS

Proposal No. MH-4624

Built in 1983
Control Philips 432 CNC

Technical specification:

Pallet changer with 2 pallets; pallet size 400 x 400 mm; table indexing B-axis 0.001 degrees; travels X 500 mm; Y 400 mm; Z 400 mm; spindle speeds 20 - 8000 rpm; ISO 40; 48-station tool magazine; coolant unit, package of tool holders

Condition good



CNC Horizontal Machining Centre with Pallet Changer

MAKINO MC65-A40

Proposal No. MH-4381

Built in 1990
Control Fanuc 15M

Technical specification:

Pallet changer with 2 pallets; pallet size 500 x 500 mm; pallet load max.1000 kg; travels: X 635 mm, Y 560 mm, Z 510 mm; spindle drive 11/15 KW AC; spindle speeds 10 – 4000 rpm; 40-station tool magazine; Renishaw measuring probe; Knoll coolant system with paper band filtration; oil skimmer; chip conveyor

Condition good



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CNC Horizontal Large Capacity Machining Centre with Pallet Changer

MANDELLI ROCK 3500

Proposal No. MH-4691

Built in 2002/2003
Control Siemens 840D

Technical specification:

Pallet changer with 2 pallets; pallet size 1250 x 1600 mm; pallet load max. 12000 kg; travels X 4.000 mm, Y 2.500 mm, Z 2.340 mm; NC table 0.001 degrees; spindle drive motor rating 55 KW; spindle speeds 20 - 6000 rpm; ISO 50; 190-station tool magazine; rack type ATC

Condition good



CNC Horizontal Machining Centre with Pallet Changer

MATSUURA ES450H

Proposal No. MH-4482

Built in 1997
Control Fanuc 18iMB

Technical specification:

2 pallets; pallet size 300 x 300 mm; table indexing 1degree; travels: X 450 mm, Y 400 mm, Z 400 mm; spindle drive 7,5 / 5,5 KW AC; spindle speeds 50 – 10000 rpm; 30-station tool magazine; coolant through the spindle; chip conveyor

Condition good



CNC Horizontal Machining Centre with Pallet Changer

MAZAK FH 1080

Proposal No. MH-4801

Built in 1998
Control Mazatrol M Plus

Technical specification:

Pallet changer with 2 pallets; pallet size 1000 x 1000 mm; pallet load max. 3000 kg; X 1640 mm, Y 1300 mm, Z 1220 mm; B-axis NC table 0.001 degrees; spindle drive motor rating 30 KW; spindle speeds up to 12000 rpm; CAT 50; 80-station tool magazine; new spindle in 2009

Condition good



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Large CNC High Precision Horizontal Machining Centre

mitsui seiki hr8a

Proposal No. MH-4617

Built in 1989/1999
 Control Fanuc 11M

Technical specification:

4-station pallet pool; pallet size 1300 x 1300 mm; pallet load max. 4.000 kg; B-axis NC table 0.001 degrees; travels X 1800 mm, Y 1500 mm, Z 1200 mm, W 300 mm (boring spindle); spindle drive 30/35 KW; spindle speeds up to 3150 rpm; spindle torque max. 1980 Nm; ISO 50; 270-station tool magazine; linear scales; Renishaw measuring probe; huge package of tooling

Condition very good



CNC Horizontal Machining Centre for 5-Axis Machining

mitsui seiki hu-80a-5x

Proposal No. MH-4721

Built in 2008
 Control Fanuc 31iMB-A5

Technical specification:

Pallet changer with 2 pallets; pallet size 800 x 800 mm; pallet load max. 1200 kg; travels X 1200 mm, Y 1000 mm, Z 1050 mm; 2-Axis trunnion NC table: B-axis 0.001 degrees, A-axis +20 degrees/-110 degrees tilting; spindle drive motor rating 25/30 KW, spindle speeds up to 15000 rpm; spindle torque 420 Nm; 120-station tool magazine; direct tapping, chip conveyor; Heidenhain linear scales;

Condition as new



CNC Horizontal Machining Centre with Pallet Changer

niigata hn-100bw

Proposal No. MH-4614

Built in 1991
 Control Fanuc 15M

Technical specification:

Pallet pool with 6 pallets; pallet size 1000 x 1000 mm; table indexing 1degree; travels X 2050 mm, Y 1420 mm, Z 1020 mm; spindle speeds up to 6000 U/min; 120-station tool magazine; linear scales; measuring probe

Condition good



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CNC Horizontal Machining Centre with Pallet Changer

NIIGATA SPN-701

Proposal No. MH-4764

Built in 2009
Control Fanuc 16iM

Technical specification:

Pallet changer with 2 pallets; pallet size 630 x 630 mm; table indexing 1degree; travels: X 1000 mm, Y 950 mm, Z 850 mm; rapids 60 m/min; spindle taper BT 50 BIG-PLUS; spindle drive motor rating 30 kW; spindle speeds up to 12000 rpm; 120-station tool changer; coolant through the spindle

Condition as new



CNC Horizontal Machining Centre with Pallet Pool

OKK HM 50

Proposal No. MH-4432

Built in 1999
Control Fanuc 16 iM

Technical specification:

8-station pallet pool; pallet size 500 x 500 mm; pallet load 800 kg; table indexing 1degree; travels X 760 mm, Y 730 mm, Z 800 mm; spindle drive motor rating 25/30 KW; spindle speeds 350 – 13000 rpm; 120-station tool magazine; chip conveyor; measuring probe; coolant through the spindle 7 bar; helical interpolation; Super HQ control

Condition very good



CNC 5-Axis Horizontal Machining Centre with Pallet Changer

STARRAG ZT-800/130

Proposal No. MH-4739

Built in 1993/1994
Control Siemens 880M

Technical specification:

Pallet changer with 2 pallets; pallet size 800 x 800 mm, pallet load max. 4000 kg, B-axis NC table 0.001 degrees; travels X 1600 mm, Y 1000 mm, Z 1320 mm; swivelling head with +60/-100 degrees (A-axis 0.001 degrees); spindle drive motor rating 30/36 KW; spindle speeds 30 – 5000 rpm; spindle torque max. 230 Nm; ISO 50; 160-station tool magazine; chip conveyor, high pressure coolant through the spindle

Condition good



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CNC Horizontal Machining Centre with Pallet Pool

YASDA YBM-1000N 125 RP

Proposal No. MH-4794

Built in 1997
Control Fanuc 15M

Technical specification:

Pallet pool with 5 pallets; pallet size 1250 x 1250 mm; pallet load max. 5000 kg; X 1500 mm, Y 1400 mm, Z 1400 mm; B-axis NC table 0.001 degrees; spindle drive motor rating 22 KW; spindle speeds 20 - 6000 rpm; MAS BT 50; 180-station tool magazine; linear scales; direct tapping; coolant through the spindle; measuring probe; electric handwheel; helical interpolation; etc; accuracy similar to new

Condition very good

VERTICAL CNC MACHINING CENTRES

CNC Vertical Long/Pendulum Machining Centre

AXA VSC 1/1820

Proposal No. MV-4560

Built in 1987
Control Philips 3460 CNC

Technical specification:

Table size 2140 x 500 mm; table load max. 1200 kg; column longitudinal travel X 1.820 mm - pendulum machining 2 x 750 mm, cross travel Y 420 mm, vertical travel Z 400 mm; spindle drive motor rating 11.2/17.2 KW; spindle speeds: 60 - 6000 rpm; 44-station tool magazine; full guarding; coolant system; tool package

Condition good



CNC Multi-Axis Machining Centre

BUMOTEC S-96/1

Proposal No. MV-4798

Built in unknown
Control CNC

Technical specification:

Tilting table with 2x NC rotary tables Ø 110 mm; travels X 620 mm, Y 320 mm; Z 400 mm; C-axis 360 degrees, +/- 30 degrees, 90 degrees; A axis +/- 30 degrees, 90 degrees; 24-station tool magazine; ISO 25, excellent machine for fine mechanical work and jewellery/watch production

Condition good



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CNC Vertical Machining Centre with Pallet Pool for 5-Axis Machining

DMG DMC 160U DUOBLOCK

Proposal No. MV-4699

Built in 2005
Control Siemens 840D

Technical specification:

5-station pallet pool; pallet size 1250 x 1000 mm, pallet load max. 3000 kg; C-axis NC table 0.001 degrees; travels X 1600 mm, Y 1250 mm, Z 1000 mm; B-axis NC milling head with – 30/+180degree swivelling; spindle drive motor rating 44 KW; spindle speeds to 10000 rpm; 180-station tool magazine; high pressure coolant through the spindle 50 bar; 3D-control; chip conveyor; Rotoclear window; infrared measuring probe; BLUM Laser tool measurement working area; tool measurement; OMAT Adaptive Control; precision package

Condition very good



CNC Vertical Machining Centre for 5-Axis Machining

KITAMURA MYTRUNNION 5

Proposal No. MV-4632

Built in 2004
Control Fanuc 16iMB

Technical specification:

2-axis rotary / tilting table Ø 630 mm ; C-axis 360 degrees; B-axis –30/+120 degrees; travels X 815 mm, Y 745 mm, Z 500 mm; spindle drive motor rating 13/7.5 KW; spindle speeds up to 20000 rpm; 50-station tool magazine; linear scales with fiber glass;

Condition good



CNC Vertical Machining Centre for 5-Axis Machining

MATSUURA MAM72-63V PC6

Proposal No. MV-4760

Built in 2006
Control Fanuc 30iM (G-Tech 30i)

Technical specification:

5-station pallet pool (APC); pallet size 500 x 500 mm; pallet load max. 350 kg; 2-axis NC rotary / tilting table: C-axis 360 degrees/0,001 degrees rotation; A-axis -110/+10 degrees tilting; travels X 760 mm, Y 845 mm, Z 760 mm; spindle drive motor rating 15/22 kW; spindle speeds up to 20000 rpm; BT 40; 240-station tool magazine; tailstock; Heidenhain linear scales; extended Z-axis and column

Condition very good



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CNC Vertical Machining Centre

MAZAK VTC 414/22

Proposal No. MV-4778

Built in

Control Mazatrol M32

Technical specification:

Table size 900 x 410 mm; table load max. 500 kg; travels X 560 x Y 410 x Z 460 mm; spindle drive motor rating 7.5 KW; spindle speeds 50 - 7000 rpm; CAT 40; 24-station tool magazine; tool measurement

Condition good



CNC Vertical Machining Centre Long bed machining

NORTE VS600

Proposal No. MV-4346

Built in 1994

Control Siemens 820ME GA3

Technical specification:

Table size 1620 x 550 mm; table load max. 1000 kg; travels X 1500 mm, Y 500 mm, Z 500 mm; spindle drive motor rating 18.5/23 KW; spindle speeds 60 – 6000 rpm; 40-station tool magazine; coolant through the spindle; paper band filtration for coolant system; electric handwheel; chip conveyor

Condition good



CNC Vertical Machining Centre for 5-Axis Machining

OHTORI KIKO FTV 500

Proposal No. MV-4613

Built in 2006

Control Fanuc 18iMB

Technical specification:

2-axis rotary/tilting table 400 x 400 mm; C-axis 360 degrees; B-axis +/- 100 degrees; travels X 820 mm, Y 500 mm, Z 550 mm; spindle drive motor rating 11/15 KW, spindle speeds up to 15000 rpm; 32-station tool magazine; A1 high precision profiler software with RISC; X,Y,Z,B,C scales; work piece and tool measurement

Condition as new



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CNC Vertical Machining Centre with Pallet Pool

OKK PCV 50

Proposal No. MV-4065

Built in 1991
Control Fanuc OM

Technical specification:

6-station pallet pool; pallet size 630 x 400 mm; pallet load max. 200 kg; travels X 720 mm, Y 520 mm, Z 520 mm; spindle drive motor rating 7.5 / 9 KW; spindle speeds 100 – 6000 rpm; tool taper DIN 69871; 30-station tool magazine; electric handwheel

Condition good



CNC Vertical Double Column Machining Centre

TOSHIBA MPF-2114C

Proposal No. MV-4732

Built in 2004
Control Tosnuc 888

Technical specification:

Table size 1800 x 1400 mm; table load max. 10000 kg; travels X 1400 mm, Y 2100 mm, Z 715 mm; distance between columns 2100 mm; distance spindle to table max. 1050 mm; spindle taper BT 50; spindle drive motor rating 22/26.5 KW; spindle speeds 40 – 8000 rpm; spindle torque max. 723 Nm; ram size 380 x 380 mm

Condition good



CNC Double Column High Accuracy Machining Centre with Pallet Changer

YASDA YBM 8120 V PC JIG-BORER

Proposal No. MV-4238

Built in 1992
Control Fanuc 15M

Technical specification:

Pallet Changer with 2 pallets; pallet size 800 x 1000 mm; travels X 800 mm, Y 1200 mm, Z 450 mm; distance spindle to table 150-600 mm; spindle speeds up to 6000 rpm; BT 40; 60-station tool changer; highest accuracies

Condition very good



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MILLING MACHINES – CNC AND CONVENTIONAL

UNIVERSAL AND MULTI-AXIS MILLS

CNC Universal Milling Machine

DMG DMU 80P HI-DYN

Proposal No. VF-4590

Built in 2003
Control Heidenhain iTNC 530

Technical specification:

Table Ø 630 mm; table load max. 600 kg; NC rotary and tilting table 0.001 ; spindle drive motor rating 19/28 KW; spindle speeds up to 12000 rpm; 30-station tool magazine; horizontal-vertical head; BT 40; chip conveyor; Heidenhain wireless probe; prepared for coolant through the spindle up to 40 bar, Heidenhain absolute scales; only worked on aluminium

Condition very good



CNC 5-Axis Milling Centre

FERRARI C.B. A16

Proposal No. VF-0982

Built in 1993
Control E160

Technical specification:

Travels X 1050 mm; Y 420 mm; Z 420 mm; dividing head as work piece holder, 2-axis controlled; A-axis 360 degrees rotating, C-axis tilting; spindle taper ISO 40; spindle drive motor rating 10 KW; spindle speeds 10 - 4000 rpm; work piece holder taper ISO 50; 15-station Pick-Up work piece and tool magazine; full guarding

Condition as new



CNC 5-Axis Milling Machine

SNK HPS-120B/5-AXIS

Proposal No. VF-4296

Built in 2007
Control Fanuc 31i-A5

Technical specification:

5-axis high speed profiler; table size 1220 x 3048 mm, table load max. 5000 kg; travels: X 3150 mm, Y 1320 mm, Z 762 mm; spindle drive motor rating 30/37 KW; spindle speeds 150 - 15000 rpm; ISO 50 BIG PLUS; spindle tilting +/- 45 degrees (A-axis), spindle head rotation +/- 270 degrees (C-axis); scale feedback; chip conveyor; splash guards; mist coolant; high pressure coolant through tool; air blow; rigid tapping; etc.

Condition very good



BED MILLS

CNC Bed Type Milling Machine with Tool Magazine

BUTLER ELGAMILL HE10M

Proposal No. VF-4519

Built in 1990/1991
Control Heidenhain TNC 355

Technical specification:

Table 10000 x 1050 mm; column longitudinal travel X 8200 mm; headstock vertical travel 1950 mm; milling ram cross travel 1250 mm; spindle drive motor rating 30 KW; milling head indexing 1 degree / 3 degree; spindle speeds up to 2000 rpm; 60-station tool magazine; ISO 50; NC table Ø 600 mm, 1 degree indexing; coolant tank with pump; small tool package

Condition good



CNC Moving Column Lateral Milling Machine with NC Table and Tool Changer

CME MB 5000

Proposal No. VF-4218

Built in 2006
Control Heidenhain iTNC 530

Technical specification:

Table size 5500 x 2000 mm; travels X 5000 mm, Y 2000 mm, Z 1500 mm; ISO 50; spindle drive motor rating 41 KW; spindle speeds 50 – 4000 rpm; orthogonal indexing milling head 1 degree/1 degree; 40-station tool magazine; pendulum machining; extra NC rotary table 1200 x 1200 mm; work piece and tool measurement

Condition as new



CNC Bed Type Milling Machine

IXION AUERBACH IA5F

Proposal No. VF-4566

Built in 2003
Control Heidenhain TNC 530

Technical specification:

Table size 3600 x 1270 mm; travels: X 3200 mm, Y 1200 mm, Z 1200 mm; spindle drive motor rating 30 KW; spindle speeds up to 5000 rpm; BT 50; spindle indexing hor./vert. 1 degree; 60-station tool magazine

Condition very good



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CNC Bed Type Milling Machine with Tool Magazine

SORALUCE SM 12000

Proposal No. VF-4180

Built in 1999
Control Heidenhain TNC 426 CB

Technical specification:

Bed size 12000 x 1350 mm; load max. 5t/m²; travels: X 10250 mm; Y 2000 mm; Z 1500 mm; spindle drive motor rating 30 KW; spindle speeds 20 - 3000 rpm; ISO 50; 60-station tool magazine; orthogonal milling head indexing 2,5 degrees in two planes; electric handwheel; Oil coolant; 3D-heat compensation; Heidenhain contouring system

Condition good



CNC Bed Type Milling Machine with Tool Magazine and Pendulum Machining

SORALUCE SP 12000

Proposal No. VF-4290

Built in 2005
Control Heidenhain iTNC 530

Technical specification:

Bed size 12000 x 1100 mm; travels X 10500 mm, Y 2000 mm, Z 1200 mm; spindle taper ISO 50; spindle drive motor rating 30 KW; spindle speeds up to 4000 rpm; orthogonal indexing milling head 1 degree/1 degree; 60-station tool magazine; pendulum machining; extra NC rotary table Ø 1000 mm with tailstock; coolant through the spindle; work piece and tool measurement; full guarding

Condition excellent

LATERAL MILLS

CNC Lateralfräsmaschine

SHW UFZ 6L

Proposal No. VF-4510

Built in 1994
Control Siemens 840C

Technical specification:

Travels X 12000 mm, Y 3100 mm, Z 1500 mm; ISO 50; spindle drive motor rating 31.5 kW; spindle speeds up to 2800 rpm; 66-station tool magazine; milling head indexing 340x1 degree/180x1 degree

Condition good



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GANTRY MILLS

CNC Gantry Milling Machine

INNSE BERARDI CERUTI 25 CNC GANTRY

Proposal No. VF-4655

Built in 2002
Control Siemens 840D

Technical specification:

Table size 2500 x 10000 mm. travels X 10000 mm, Y 2500 mm, Z 1250 mm; ISO 50; electro spindle: spindle drive motor rating 35 kW; spindle speeds up to 10000 rpm; 60-station tool magazine; head changer; milling head indexing in 144 positions

Condition very good



CNC High Gantry Portal Milling Machine

JOBS LINX 30

Proposal No. VF-4616

Built in 2007
Control Siemens 840D

Technical specification:

2-Axis CNC head, A-axis 215 /C-axis 400 ; Floor plate with 2 tables each of size 5000 x 2000 x 200 mm; X 10000 mm, Y 2950 mm, Z 1250 mm; electro spindle: spindle drive motor rating 35 KW, spindle speeds up to 15000 rpm; Spindle taper HSK-A100; 2x 48-station tool magazine; BLUM laser presetting; coolant through the spindle with filter 50 bar; Renishaw measuring system; linear motors; chip conveyor; mobile work area separation wall; BLUM tool measurement; tool breakage control; tool coolant; tool life management; electrical handwheel; control panel for second work area; HIGH SPEED MACHINING, etc.

Condition very good

PORTAL MILLS

CNC 5-Axis Portal Milling Machine

SNK HF-4 NC/5A

Proposal No. VF-4176

Built in 1985
Control Fanuc 9M

Technical specification:

Table size 2500 x 3700 mm; B-axis NC rotary table Ø 2.000 mm; swing Ø 3000 mm; travels X 3500 mm, Y 2700 mm, Z 1650 mm; quill travel 450 mm; A-axis swivelling head +/- 35 degrees; distance between columns 3200 mm; distance spindle to table max. 2000 mm; spindle taper ISO 50; spindle drive motor rating 22 KW; spindle speeds up to 2000 rpm

Condition good



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Portal Milling Machine for XL work pieces

RUSSIAN (STANKO) 6650

Proposal No. VF-4523

Built in 1978
Control conventional

Technical specification:

Table size 5000 x 16000 mm; table load max. 200000 kg; workpiece width max. 5000 mm; workpiece height max. 4000 mm; table longitudinal travel X 17300 mm; 4 spindles: 2 horizontal spindles, 2 vertical spindles with +45 degrees/-15 degrees tilting; spindle speeds 10 - 500 rpm

Condition good



CNC Multi-Axis Portal Milling Machine

TOSHIBA MP 3560 S

Proposal No. VF-4520

Built in 1989
Control Tosnuc 600MB

Technical specification:

Table size 2800 x 6000 mm; table load max. 30000 kg; NC table Ø 2000 mm; table indexing 0.0001 degrees; travels: table longitudinal X 6500 mm, spindle cross Y 4000 mm, milling ram vertical Z 750 mm, spindle travel W 600 mm, cross rail vertical V 1700 mm; spindle Ø 150 mm; spindle drive motor rating 22/30; spindle speeds 10 - 2000 rpm; SK 50; 12-station tool magazine; 2-axis milling head; tilting ram; 5-face horizontal indexing milling head; linear scales

Condition good



CNC Portal Mill

WALDRICH COBURG

Proposal No. VF-4633

Built in unknown
Control Siemens 810M

Technical specification:

Table size 9000 x 2000 mm; distance between columns 2400 mm; max. workpiece weight 19000 kg; travels: X 9690 mm, Y 4470 mm, Z 3000 mm; spindle drive motor rating 75 KW; spindle speeds 22 - 710 rpm; ISO 60; milling spindle Ø 200 mm; crossrail positioning; 11 different milling heads

Condition good



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CNC Portal Milling Machine for XL work pieces

WALDRICH COBURG 24-10 FP 450 NC

Proposal No. VF-4088

Built in 1976/1992
Control SII CNC

Technical specification:

Table size 4500 x 9000 mm; table load max. 225000 kg; distance between columns 5100 mm; work piece height max 4500 mm; spindle taper ISO 60; spindle drive motor rating 110 KW; spindle speeds 6 – 350 rpm; angular heads; universal milling heads; CNC control retrofit necessary!

Condition good

BORING MILLS – CNC AND CONVENTIONAL

COORDINATE BORING MACHINES

CNC Double Column Coordinate Boring Mill

OERLIKON KB-4

Proposal No. VB-4059

Built in 1966/1992
Control Heidenhain TNC 360

Technical specification:

Table size 1000 x 1000 mm; table size front 850 x 375 mm; distance spindle to table min/max. 0 - 1.100 mm; travels: table travel X 1400 mm; headstock cross travel Y 900 mm; headstock vertical travel W 370 mm; ram travel Z 850 mm; spindle drive motor rating 6 KW; spindle speeds 30 - 1500 rpm; large tooling package

Condition very good



CNC Double Column Coordinate Boring Mill

OERLIKON VC-6

Proposal No. VB-4060

Built in 1980/1998
Control Siemens 840C

Technical specification:

Table size 3200 x 1800 mm, table load max. 10000 kg, distance between columns 2.500 mm, distance spindle to table min/max. -100 - 1.150 mm, travels: X 3000 mm, Y 1800 mm, Z 850 mm, W 400 mm; ISO 50; spindle drive 15 KW; spindle speeds 10 - 2240 rpm; boring spindle Ø 150 mm; 60-station tool magazine

Condition very good



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TABLE TYPE BORING MILLS

CNC Table Type Boring Mill

DOOSAN DB-130CX

Proposal No. VB-4621

Built in 2008
Control Fanuc 18iMB

Technical specification:

Table size 1600 x 1800 mm; table load max. 15000 kg; X 3000 mm, Y 2000 mm, Z 1600 mm; W 700 mm; B 0.001 degrees; spindle drive motor rating 22/26 KW; spindle speeds up to 2500 rpm; boring spindle Ø 130 mm; ISO 50; 60-station tool magazine; chip conveyor, coolant through the spindle; splash guards; angle head; angle plate

Condition as new



CNC Table Type Boring Mill with Pallet Changer

PAMA AT 130/3

Proposal No. VB-4371

Built in 1992
Control Siemens 880

Technical specification:

Pallet changer with 2 pallets; pallet size 1600 x 1600 mm; pallet load max. 10000 kg; travels: X 2500 mm, Y 2400 mm, Z 750 mm, W 2030 mm; table rotation 360 degrees (B-axis); spindle drive 35 KW; spindle speeds up to 2200 rpm; boring spindle Ø 130 mm; 100-station tool magazine

Condition good



CNC Table Type Boring Mill

Tos WHN 110 MC

Proposal No. VB-4533

Built in 1997
Control Heidenhain TNC 426

Technical specification:

Pallet changer with 2 pallets; pallet size 1250 x 1400 mm; pallet load max. 8000 kg; travels: X 2000 mm, Y 1400 mm, Z 1250 mm, W 710 mm; table indexing 0.001 degrees; spindle drive motor rating 35 KW; spindle speeds 10 - 2000 rpm; boring spindle Ø 110 mm; 60-station tool magazine; chip conveyor; coolant through the spindle, measuring probe, tool presetting

Condition good



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CNC Table Type Boring Mill

Tos WHN 13.4

Proposal No. VB-4501

Built in 1980/1994
Control Heidenhain TNC 415

Technical specification:

Table size 1600 x 1800 mm; table load max. 12000 kg; travels: X 2000 mm, 2000 mm, Z 1250 mm, W 800 mm; NC table 360 degrees; spindle drive motor rating 34 KW; spindle speeds up to 1250 rpm; boring spindle Ø 130 mm; ISO 50; 2 angle plates; HR 410 handwheel; Heidenhain scales

Condition good



CNC Table Type Boring Mill

Tos WHN 13.8C

Proposal No. VB-4577

Built in 1988
Control Heidenhain TNC 155

Technical specification:

Table size 1800 x 1800 mm; table load max. 12000 kg; X 3500 mm, Y 2000 mm, Z 1250 mm, W 800 mm; boring spindle Ø 130 mm

Condition good



CNC Table Type Boring Mill

Tos WHQ 13 CNC

Proposal No. VB-4545

Built in 2004
Control Heidenhain TNC 530

Technical specification:

Table size 1800 x 2500 mm; table load max. 12000 kg; travels: X 3500 mm, Y 2500 mm, Z 1250 mm; W 800 mm; table indexing 0,001 degrees full interpolating (B-axis); spindle drive motor rating 37 KW; spindle speeds 10 - 3000 rpm; boring spindle Ø 130 mm; ISO 50; 60-station tool magazine; coolant through the spindle; filtration; chip conveyor, protection elements

Condition very good



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FLOOR TYPE BORING MILLS

CNC Ram Type Floor Boring Mill with Vertical Milling Unit

IKEGAI A-160 FM

Proposal No. VB-4439

Built in 1974
Control Fanuc 11M

Technical specification:

Floor plate size 10000 x 6000 mm; table size 4000 x 2400 mm; table load max. 20000 kg; travels: column cross travel X 14700 mm, headstock vertical travel Y 3900 mm, boring spindle axial travel Z 1100 mm, ram travel W 1100 mm, table travel V 1500 mm; spindle drive 45 KW; spindle speeds 2 – 630 rpm; boring spindle Ø 160 mm; milling spindle Ø 320 mm; ram size 350 x 350 mm; chip conveyor

Condition very good



Ram Type Floor Boring Mill with Vertical Milling Unit

IKEGAI A-4160 FM

Proposal No. VB-4402

Built in 1971
Control conventional

Technical specification:

Floor plate size 14000 x 5000 mm; travels: X 10000 mm; Y 4000 mm; Z 1100 mm; W 1100 mm; spindle drive motor rating 60 KW; spindle speeds 3 - 600 rpm; boring spindle Ø 160 mm; milling spindle Ø 320 mm; spindle taper MT 7; vertical milling unit; ram size 450 x 450 mm; chip conveyor

Condition very good



CNC Ram Type Floor Boring Mill with rotary and traversing table

INNOCENTI FAF 200/305

Proposal No. VB-4560

Built in 2008 retrofit
Control Fanuc 16iMB

Technical specification:

Floor plate size (6) 2000 x 4000 mm; NC rotary and traversing table size 3000 x 3000 mm, travel 1500 mm, indexing 0.001 degrees; table load max. 50 t; X 16000 mm, Y 5000 mm, Z 900 mm, W 2000 mm; spindle drive motor rating 75 KW, spindle speeds up to 800 rpm; boring spindle Ø 200 mm; 3 milling heads; Heidenhain scales in all axes; chip conveyor; steel way covers

Condition very good



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CNC Ram Type Floor Boring Mill with Tool Magazine

KOLB CUMIBAT HC

Proposal No. VB-4529

Built in 1991
 Control Siemens 880M

Technical specification:

Plate changer with 3 plates, plate size 2000 x 3000 mm; plate load max. 40000 kg; travels: X 5000 mm, Y 2500 mm, Z 1250 mm, W 1250 mm, B-axis 0,001 degrees; spindle drive motor rating 50 KW; spindle speeds 40 - 4000 rpm; boring spindle Ø 130 mm; SK 50; 72-station tool magazine; 1 horizontal spindle module; universal milling head;

Condition good



CNC Ram Type Floor Boring Mill

PAMA SPEEDRAM 2

Proposal No. VB-4574

Built in 2000
 Control Siemens 840D

Technical specification:

Floor plate size 6000 x 3500 mm; 2 NC rotary and traversing tables: TG3 table size 1600 x 1600 mm, table load max. 15 t, travel V1 1500 mm, rotation 360 degrees; TG4 table size 2000 x 2000 mm, table load max. 30 t, travel V2 1500 mm, rotation 360 degrees; X 12000 mm, Y 4000 mm, Z 900 mm, W 800 mm; spindle drive motor rating 60/84 KW, spindle speeds 5 - 3000 rpm; boring spindle Ø 150 mm; ISO 50; 80-station tool magazine; vertical milling head TS30 144: 30 KW, 2000 rpm; hydrostatic guideways; coolant cleaning unit; thermostabilisation unit, Renishaw probe; large package of tooling

Condition very good



CNC Ram Type Floor Boring Mill

TITAN AFP 180 CNC

Proposal No. VB-4454

Built in 2002
 Control Heidenhain TNC 426

Technical specification:

Floor plate size 4500 x 1500 mm; NC-rotary table size 4000 x 4000 mm; table load max. 100000 kg; travels: X 12500 mm, Y 5000 mm, W 1200 mm; Z 950 mm; spindle drive motor rating 71 KW; spindle speeds 4 - 2500 rpm; boring spindle Ø 180 mm; ISO 50; 60-station tool magazine; chip conveyor; operator's platform; slide way covers

Condition very good



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CNC Table Type Boring Mill with Pallet Changer

TOSHIBA BNP 13

Proposal No. VB-4569

Built in 1982/1995
Control Fanuc 16MB

Technical specification:

Pallet changer with 2 pallets; pallet size 1600 x 1800 mm; pallet load max. 6000 kg; X 2000 mm, Y 2300 mm, Z 1100 mm, W 500 mm, B-axis NC table 0.001 degrees; spindle drive motor rating 18.5 KW; spindle speeds 10 - 2000 rpm; boring spindle Ø 130 mm; ISO 50; Inductosyn X, Y, Z; coolant through the spindle; chip conveyor

Condition good



Floor Boring Mill

UNION BFP 160

Proposal No. VB-4556

Built in 1975
Control conventional

Technical specification:

Floor plate 2800 x 3000 mm; table 2000 x 2000 mm; travels: X 3500 mm, Y 2000 mm, Z 500 mm, W 1400 mm, U 340 mm; spindle drive motor rating 20 KW, spindle speeds 2.24 - 450 rpm; boring spindle Ø 160 mm; SK 50; faceplate Ø 1000 mm; faceplate speeds 2.24 - 90 rpm; max. Ø to be bored 1800 mm

Condition good

RADIAL DRILLS

Radial Boring Machine

ASQUITH POWER THRUST 4PT 21-96

Proposal No. V-4517

Built in 1972
Control conventional

Technical specification:

arm 2000 mm; height 1300 mm; max. Ø to be bored 50 mm; box table; manual angle table; floor plate

Condition good



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DEEP HOLE BORING MACHINES

CNC Deep Hole Boring Machine

GIANA, GUISEPPE GGB 360 CNC 360 x 8000 **Proposal No. V-4624**

Built in 2008
Control Siemens 840D

Technical specification:

B.T.A. boring systems; solid boring 20 - 120 mm; trepanning 50 - 200 mm; counterboring 260 mm; centre height over bed 360 mm; swing over bed 720 mm; workpiece headstock: S1 40 KW, spindle speeds 1 - 1000 rpm, spindle torque max. 8000 Nm; spindle bore 100 mm; boring spindle headstock: main power 40 KW, speeds 1 - 1000 rpm, torque max. 8000 Nm; boring carriage: boring thrust 38000 N; work steady 3 point 50 - 400 mm; push and pull boring - 3 methods; chuck Ø 500 mm; boring head power 40 KW

Condition as new - unused



CNC Deep hole drilling machine

KOLB HTB-III **Proposal No. V-4483**

Built in unknown
Control Fanuc

Technical specification:

3-spindle deep hole drilling machine; travels 5000 mm x 2400 mm x 1100 mm; working area spindle #1: 5000 x 2400 mm; working area with all 3 spindles at maximum distance between spindles 5000 x 3200 mm; spindle drive motor rating spindle #1 /#2+3 70/35 KW; spindle speeds 40 - 2500 rpm in 4 steps; spindle #1 for solid boring/core boring 65/80 mm; spindle #2+3 for solid boring to 32 mm; 2 angle plates; chip conveyor

Condition good

GRINDING MACHINES – CNC AND CONVENTIONAL

Circular Grinding Machine with Internal Grinding Device

DANOBAT 2500-RP **Proposal No. V-4534**

Built in 1992
Control conventional

Technical specification:

centre height 175 mm; grinding Ø max. 348 mm; distance between centres 2500 mm; workpiece spindle drive motor rating 0.75 KW; grinding spindle drive motor rating 7.5 KW; swing down internal grinding attachment 1.1 KW; grinding wheel Ø 500 mm; coolant unit; magnetic filtration; dressing unit mounted to table; steady rest

Condition very good



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CNC Cylindrical Grinding Machine

STUDER S40-4

Proposal No. V-4631

Built in 1988
Control Siemens

Technical specification:

Centre height 175 mm; distance between centres 1000 mm; max. swivel of table 8.5 degrees; smallest programmable travel 0.001 mm; straight approach & angle approach wheel spindles; various grinding wheels in different sizes, 4 grinding wheel arbours; 1 fixed steady, 1 travelling steady

Condition good



Cylindrical Grinding Machine

SCHAUDT AR 1000

Proposal No. V-4058

Built in 1968
Control conventional

Technical specification:

GrindingØ with steady rest: max. 160 mm; grindingØ without steady rest: max. 250 mm; grinding length max. 1.000 mm; center height max.: 180 mm; grinding wheel Ø: 500 mm; grinding wheel width: 80 mm; work piece spindle swivelling 90 degrees; grinding spindle swivelling 30 degrees; table swivelling -9 degrees; work piece weight between centres max. 350 kg; internal grinding unit; facing unit; large accessories package

Condition good



CNC Internal Grinding Machine

OVERBECK 600 I-DC

Proposal No. V-0566

Built in 1983
Control Nahr Controls CNC 462

Technical specification:

Swing Ø 300 mm; work piece Ø up to 300 mm; grindingØ max. 250 mm; grinding height max. 150 mm; table travel max. 300 mm; grinding length max. 250 mm; feed travel 100 mm; spindle drive 8 KW; grinding spindle speeds up to 42000 rpm

Condition very good



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CNC Rotary Table Surface Grinding Machine

ELB SWR 80 U-MCNC 82

Proposal No. V-4613

Built in 1984
Control NC-K

Technical specification:

Table clamping surface 1000 mm; table load max. 1250 kg; Table swivelling range +/- 5 degrees; table speeds 10 - 80 rpm; micro fine adjustment 0.001 mm; glass scale resolution 0.001 mm; surface grinding capacity Ø 800 mm x height 400 mm; internal grinding capacity min./ max. bore 19 / 600 mm x length of bore 400 mm; grinding spindle drive motor rating 6.5 KW; grinding spindle speeds 1400/5600 rpm

Condition good



Vertical Surface Grinding Machine

ZOCCA RPVA 2000/600

Proposal No. V-3404

Built in 1973
Control conventional

Technical specification:

Magnetic table working surface 2200 x 600 mm; grinding surface 2000 x 600 mm; vertical spindle with segment head; grinding spindle motor 75 KW; wet grinding unit with magnet skimmer

Condition good



CNC Screw Milling Machine

HANKOOK SML-750

Proposal No. V-4288

Built in 2006
Control Fanuc 21iTB

Technical specification:

Chuck Ø 315 mm; swingØ over bed 750 mm; swingØ over cross slide 450 mm; distance between centres 3000 mm; work piece weight max. 3.000 kg; C-axis 0.001 degrees; milling unit: 7.5 KW, speeds 1500 rpm, BT 50, Y-travel manual +/- 30 mm; tailstock; steady rest; back guarding

Condition as new



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CNC Thread Grinding Machine

mitsui seiki GSE 200H

Proposal No. V-4491

Built in 2000
Control Fanuc 18iM

Technical specification:

Swing Ø over table 480 mm; max. work length between centres 2250 mm; max. thread length to be ground 2000 mm; max. external Ø of work to be ground 200 mm; leads obtainable max. 600 mm; grinding wheel size OD 510 mm x W 10-50 mm x ID 228.6 mm; lead angles max. +/- 45 degrees

Condition very good



Roll Grinding Machine

WALDRICH SIEGEN WSF 1.5

Proposal No. V-4634

Built in 1988
Control conventional

Technical specification:

Swing Ø over bed 500 mm; grinding length 2400 mm; grinding wheel drive motor rating 18 KW; grinding wheel speeds 500 - 2000 rpm; table drive motor rating 3 KW, Workpiece drive motor rating 2.25 KW, speeds 0.8 - 96 rpm; 2 steady rests; electric cambering; ball screw drive for grinding wheel support and table; hydrostatic spindle bearings; coolant filtration

Condition good

GEAR MACHINERY

CNC Gear Grinding Machine

HÖFLER HELIX 700

Proposal No. V-4612

Built in 2005
Control CNC

Technical specification:

Tip circle max. Ø 700 mm; root circle Ø min 50. mm; unlimited number of teeth; profile height max. 35 mm; module min 1 mm - max 15 mm; helix angle left/right max. 45 degrees; outer Ø of grinding wheel - dressable 400/350 mm with 208/70 mm flange; min Ø of grinding wheel at shoulder - dressable 212/174 mm with 208/170 mm flange; grinding wheel width max. 30 (20/35/40/45) mm; Ø of diamond dressing roll 160 mm; grinding wheel drive motor rating 15 KW; grinding wheel speeds 0 - 5400 rpm; table Ø 400 mm; table load max. 500 kg

Condition very good



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Gear Shaping Machine

LORENZ LS 154 K CNC

Proposal No. V-4609

Built in 1993
Control conventional

Technical specification:

Module / DP 5; External shaping; diameter max. 150 mm, Gear width max. 16 mm; Internal shaping; diameter 150 mm; width 280 mm; programmable number of teeth 1 - 255; table diameter 250 mm; cutting wheel taper SK 40; travels: X 250 mm, Y 65 mm, Z 70 mm;

Condition good



Gear Grinding Machine

MAAG SH 100

Proposal No. V-4608

Built in 1960
Control conventional

Technical specification:

Max./ min. Module 15 / 2; max./ min. number of teeth 350 / 8; table Ø 700 mm; max./ min. Wheel diameter 1200 / 0 mm; max. wheel width 320 mm; max. workpiece weight incl. fixture 2000 kg; planer chairs; clamping fixtures; counter support; special clamping plates; inside planer device; rack planer device; planer steel sharpening device; tooth testing device

Condition good



CNC Gear Profile Grinding Machine

NILES ZSTZ 25

Proposal No. V-4553

Built in 1984
Control Alan Bradley PLC

Technical specification:

standard Ø 2500 mm, max Ø 3500 mm; max. width 1200 mm; max. workpiece height 3750 mm; table Ø 2000 mm; modules 4 - 25, no of teeth 16 - 600; ram travel 100 - 760 mm; max. angle 35 degrees; grinding wheel diameter 300/400 mm;

Condition good



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Profile Internal Grinding Machine

KAPP 505 GT

Proposal No. V-4611

Built in 1977
Control conventional

Technical specification:

Swing Ø at workpiece spindle 500 mm; max. workpiece length 400 mm, profile length to be ground max. 300 mm; max./ min bore Ø of profiles 220 / 21 mm; max./ min. slot width 40 / 4 mm; grinding support adjustable

Condition good

VARIOUS

Broaching Machine

FORST RW5

Proposal No. V-4610

Built in unknown
Control conventional

Technical specification:
including broaching tools

Condition good



4-Roll Plate Bending Machine

HAEUSLER VRM-HY-VO 7670 x 13

Proposal No. V-4206

Built in 1983
Control conventional

Technical specification:

Plate width 7670 mm; plate thickness pre-bending 13 mm; plate thickness circular bending 13 mm; plate Ø upper / lower / side rolls 630/460/320 mm; bending Ø min/max 800/1830 mm; 2 driven rolls (top/bottom); hydraulic displacement of roll; conical bending

Condition good



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CNC Robot with 6 Controlled Axes

GMF FANUC S360R

Proposal No. V-0912

Built in 1985
Control CNC

Technical specification:

1991 delivered to customer; Fanuc Teach-In control; work piece weight up to 60 kg; 6-axis

Condition very good



CNC Robot

KUKA KR 150/1

Proposal No. V-4650

Built in 1998
Control KRC1

Technical specification:

6 axes; workpiece weight max. 150 kg; throat max. 2700 mm; repeat accuracy +/- 0.12 mm; Axis I: +/- 185 degrees; Axis II: +0/-146 degrees; Axis III: +155/-119 degrees; Axis IV: +/- 350 degrees; Axis V: +/- 125 degrees; Axis VI: +/- 350 degrees

Condition very good



4-Stage Transfer Press / Bolt Maker

HANREZ MULTY 3L

Proposal No. V-4383

Built in unknown
Control conventional

Technical specification:

max. wire Ø 12 mm; bolts produced M6/M8/M10; max. shaft length 100 mm; production up to 170 pieces per minute; wire uncoiler and straightener, in perfect working condition

Condition very good



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CNC Gear Measuring Machine

KLINGENBERG PNC 130

Proposal No. V-4614

Built in 1989
Control CNC

Technical specification:

Module 1 - 30 mm; measurable tooth length (non-stop) max. 400 mm; measurable lead at pitch of helix max. 400 mm; vertical measuring travel 1200 mm; base lead angle 0 - 90 degrees; distance between centres 200 - 1800 mm; max. wheel diameter 1300 mm; macro probe

Condition good



3D Coordinate Measuring Machine

ZEISS MC 850/1200 CALYPSO

Proposal No. V-4538

Built in 2004
Control Calypso

Technical specification:

Travels: X 850, Y 1200 mm, Z 600 mm; probe head 9020; 5-point probe head; probe head change system; CAD-BASIS Sat

Condition very good



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