

# ***Hi Tech International***

*Dear Sir,*

*We are the Largest Dealer in Asia having more than 500 CNC  
Machines and 500 Mechanical sMachines in Stock.*

## **STOCK LIST**

Few M/c's from our stock

### **A. Vertical Machining Centre 5 Axis**

**101. MANDELLI** 2500 x 2000 x 1500 with 'A' & 'B' Axis with 60 Tool ATC  
Double Pallet

**102 UNION BELFIELD** 1250 x 750 x 500 with 'A' & 'B' Axis with 30 Tool  
ATC Siemens 810 control.

**103. PRAWEMA** 7 Axis Universal Machining Centre with Tool Change and Bar  
feed.

**104. HURCO** 700 x 400 x 500 with A & B axis with 24 Tool ATC with Hurco  
control.

### **B. Vertical Machining Centre**

**201. WIEST MICRO** 32 3000 x 500 x 500 30 Tool ATC ISO40 with 8000 RPM  
Siemens 810 control built in 1997.

**202. NORTE** 2200 x 550 x 650 30 Tool ATC with Siemens 802 D control column  
traveling machine.

**203. MAZAK** AJV – 50 1000 x 500 x 500 Double column with Twin Pallet with  
siemens 810 control with BT – 50 24 Tool  
ATC.

**204. STAMA** 1250 x 650 x 700 Siemens 810 M Control 30 Tool ATC Excellent  
Condition.

**205. MORI – SEIKI** MV – 40 700 x 400 x 500 with BT - 40 30 Tool ATC 12000  
Spindle RPM with Siemens 802 D  
Control

- 206. FADAL 4020** 1100 x 550 x 750 Double Pallet with 24 Tool ATC BT 40 with 15000 Spindle RPM with high pressure collant.
- 207. CINCINATI Dart 750** 750x500x500 24 Tool ATC with 12000 RPM Siemens 802D control.
- 208. KITAMURA 3X** 700 x 400 x 500 with 24 Tool ATC BT40 with 10,000 RPM with Siemens 802D Control double pallet
- 209. MAZAK AJV – 40** 1000 x 550 x 500 with 24 Tool ATC BT – 40 with Siemens 802 D double column double pallet.
- 210. MORI SEIKI MV-50** 1000 x 500 x 550 30 Tool ATC with 8000 RPM with Siemens 802 D Control.
- 211. KITAMURA 2x** 500 x 400 x 400 with 30 Tool ATC BT- 40 with Siemens 802 D Control.
- 212. CHIRON FZ – 26 W** 800 x 500 x 750 Twin Pallet with 35 Tools ATC with Siemens 802 Control.
- 213. AWEA** 1500 x 900 x 750 with 24 Tool ATC Double column machine with Fanuc OMD Control.
- 214. KRYLE** 500 x 400 x 500 with BT – 40 24 Tool ATC 8000 Spindle RPM with Siemens 802 D Control.
- 215. BRIDGE PORT 412** 600 x 350 x 450 with 16 Tool ATC BT- 40 with Siemens 802 D Control.
- 216. TRAUB** 600x 400x 500 with 20 Tool ATC with 8000 RPM with Siemens 802 D Control
- 217. FANUC ROBO DRILL** 500x 400x 400 with 12 Tool changer NT – 30 with Siemens 802 D Control.

**All machines with coolant tank or chip conveyors.**

### **C. CNC Milling**

- 301. DECKEL FP 41** CNC Milling with Dialong 4 Control.
- 302. ROKU** 1000 x 450 x 500 Bed Type with Siemens 802 D Control.
- 303. MAHOO 700** 700 x 400 x 400 with Siemens 802D Control
- 304. FRITZ WARNER** 800 x 350 x 400. with CRUSADER Control.
- 305. MAHOO 900 C** 1000 x 800 x 500 with Siemens 802D Control.
- 306. TOS FSG 50** 1500 x 600 x 600 with Heidenhain control.
- 307. MAHOO 700** 700 x 400 x 400 with Gurunding control.
- 308. TOS FSG 40** 1000 x 500 x 450 with Heidenhain control.

## **D. Horizontal Machining Center**

- 401. BUKHARD T and WEBER HORIZONTAL BORING Travels** 1250 x 1250 x 1000 with 1000 x 1000 m CNC ROTARY TABLE WITH 8 Ton Load carrying capacity With Siemens Control.
- 402. MAZAK** 800 x 800 6 Pallet HMC With 120 Tool ATC BT-50 with FANUC OI Control From Aero Space Like New
- 403. NIGATA** – 63 A 630 x 630 Double Pallet with BT – 50 40 Tool ATC with Fanuc 15 M control.
- 404. HECKERT** 630 x 630 Double Pallet with 60 Tool ATC ISO 50 with Siemens 802D control.
- 405. MAKINO MC – 70** – 500 X 500 DOUBLE Pallet 60 Tool ATC Bt50 with Siemens 802 D control.
- 406. HECKERT** 500 x 500 Double Pallet 48 Tool ATC ISO 50 with Siemens 802D control.
- 407. NIGATA** 63 A 630 x 630 8 Pallet with BT 50 with 40 Tool ATC with Siemens 802 D Control
- 408. HECKERT 500** 500 x 500 Double Pallet 48 Tool ATC BT 50 with Siemens 802 D Control.
- 409. HULLER HILLE** NBH-70 550 x 550 8 Pallet Machine with 120 Tool ATC, Renishaw probing siemens 802 D Control.
- 410. BEAVER** HC-20 400 x 400 Double Pallet 48 Tool ATC BT 40 with Siemens 810M. through Spindle Collant
- 411. KEARNEY TREKER** 400 x 400 Twin Pallet 36 Tool ATC with Siemens 802 D Control

**All machines with collant tank and chip conveyors.**

## **E. Turning Centre**

- 501. INDEX** CNC LATHE 1000mmx 4000mm with 12 Tool Turret with Siemens 802 D control.
- 502. SMT CNC LATHE** 1000mm x 1000mm with 12 Tool Turret with Siemens 802 D control.
- 503. HEID** Turn Mill Centre 580 x 2100 12 Tool magazine with live tools with job handler, steady rest, tailstock with siemens 802 D control
- 504. SMT – CNC LATHE** 350 X 1000 Double turret with Siemens 802 D control.

- 505. MAZAK** – 350 X 1000 – 10 Tool Turret with Siemens 802 D Control.
- 506. DAEWOO – PUMA 12L** – 400 x 1000 mm – 12 Tool Turret with Siemens 802 D Control.
- 507. SMT CNC LATHE** 250mm x 700mm with 10 Tool Turret with Siemens 802 D control.
- 508. BOEHRINGER CNC LATHE** 580 x 600 10 Tool Turret with Siemens 802 D control.
- 509. EMCO MAYER** 300 x 600 with Double Turret Siemens 802 D Control.
- 510. PADAOVNI ITALY CNC LATHE** 250 x 1000 10 Tool Turret Siemens 810 control.
- 511. GRAZIANO CNC LATHE** 300 x 1000 8 Tool Turret Siemens 810 control.
- 512. CHURCHILL CNC LATHE** 250 x 500 with 10 Tool Turret with Siemens 802 D Control
- 513. BEAVER CNC LATHE** 200 x 400 10 Tool Turret with Siemens 802 D Control.
- 514. IKEGAI** 200 x 400 Turn Mill Centre with Fanuc OT Control.
- 515. IKEGAI CNC LATHE** 250mm x 500mm 12 Tool Turret with Siemens 802 D Control.
- 516. HYUNDAI HI 8S CNC LATHE** 200 x 400 with siemens 840 D Control. With 6000 spindle RPM
- 517. KINGSBURY CNC LATHE** 200 x 400 with 12 Tool Turret Fanuc 18 i T Control.with 6000 spindle RPM
- 518. MATRIX CNC LATHE** 160 x 300 with 10 Tool Turret with 802 D Control.
- 519. WEILER CNC LATHE** 150 x 400 6 Tool with Siemens 802 D Control. with 7000 spindle RPM
- 520. WASINO Turn Mill Centre TH-102** Twin Spindle, Twin Turret, 10 Axis CNC Lathe with Fanuc OT T control. 175mm 3 Jaw Chuck and 2 ½ Degree Indexing to Both Spindles, 2 x 8 Station Turrets + 4 Milling Stations, Robot Loader and Swarf Conveyor. 300mm Swing over Bed, 42mm Bar Capacity.
- 521. EMAG CNC LATHE** 200mm Dia Twin Chucker with Siemens 802 D Control.
- 522. PITLER PETRA CNC LATHE** 250 Dia Twin chuker with siemens 802 D control.
- 523. EMAG VSC – 160** CNC Vertical Turning Ø160mm swing 250mm with INDRA MAT Control.
- 524. BOEHRINGER CNC Lathe** 250 x 1100 12 Tool Turret with siemens 802 D control.

Lot other machines

All Machines with coolant tank most of with chip conveyor also.

## **CAMSHAFT TURNING**

**MATRIX CHURCHILL** 4 Axis CNC Lathe with Tail Stock with loading Gantry with siemens control

## **CRANK SHAFT MILLING**

1. **HELLER** CNC DRZ-400/800 Crankshaft Milling and Turning with Twin Cutter heads max length 800mm.

Latest machine with Heller control.

## **CNC SLIDING HEAD**

1. **CITIZEN** cincom 10 Axis CNC Sliding head with Citizen Mitsubishi control.

2. **EMIMEC** 160 DIa CNC three axis sliding head with Bosch control.

## **F. CNC Vertical Lathe**

**601. WEBSTER & BENNET** 1250mm Dia 1400 mm Swing CNC Double Column Vertical Lathe with 60 ToolChanger with Siemens 802 D Control.

**602. FMUA** CNC Vertical Lathe 1140mm chuck 1340 mm swing siemens 802 D control.

**603. STANKO** CNC Vertical Lathe 1150 mm chuck 1400mm swing with station programmable Turret with siemens 802 D control.

**604. GRAFFEN SFADEN** CNC Vertical Lathe 1250 mm chuck 1450mm swing with 5 station programmable Turret with siemens 802 D control.

**605. EMAG VSC – 160** CNC Vertical turning 160mm swing 250mm with INDRA MAT Control.

## **G. WIRE EDM MACHINES**

**701. FANUC ROBOFIL** Wire Erosion Machine Five axis with FANUC 16i control.

**702. SODICK FINE A- 530 D AWT** 5 Axis CNC Wire erosion Ex 21 colour CNC Control work piece 980 x 730 x 260 mm  
X/Y/Z 500x 320 x 260mm wire thickness .1 to .3mm

- 703. AGIE** Agiecut 220 5 Axis CNC Wire Erosion Machine with Agiematic CF20 Control, Auto Wire Feed and Agiepuls MMD Generator, including Startron Hole Driller. X = 400mm, Y = 250mm, Z = 256mm, Maximum Workpiece Dimensions: 860mm x 580mm x 250mm. 1997.
- 704. AGIE** Agiecut Sprint 20 5 Axis CNC Wire Erosion Machine with Agiematic CF20 Control. X = 300mm, Y = 200mm, Z = 220mm. Maximum Workpiece Dimensions: 600mm x 400mm x 220mm. 1996
- 705. SODICK FINE A- 320 D AWT 5 Axis CNC Wire erosion Ex 21 colour** CNC Control work piece 700 x 5000 x 175 mm  
X / Y / Z 320x 200 x 175mm 3 Nos.
- 706. AGIE** Agiecut 300 1000 x 1200 With AGIE control. Excellent condition. Built in 1989.

## **H. CNC-CAM SHAFT Grinding -CNC Surface Grinder, CNC Cylindrical Grinders**

- 801. STUDER** CNC Cylindrical Grinder S-40 With Siemens 802 D control with Auto gauging +Auto balancing + Gap Eliminator + Loading Unloading. Excellent Condition.
- 802. JONES & SHIPMAN** format 200 CNC Surface Grinder with Fanuc 18 G Control.
- 803. JONES & SHIPMAN** format 700 CNC Cylindrical Grinder with Siemens 802 D Control with movomatic autogauging.
- 804. JONES & SHIPMAN** format 700 CNC universal Cylindrical Grinding with internal grinding Siemens 802 D Control with movomatic. guaging
- 805. TSCHUDIN** HTG 400-40 CNC Cylindrical Grinding Machine & Cam Shaft Grinding attachment with CNC Control Siemens 802 D Control.
- 806. CINCINNATI** 3-300 Twin Grip CNC Centreless Grinding Machine with Siemens 802 D Control.
- 807. BLOHM** 1200 x 300 CNC Spline Grinder 4 Axis Control with Siemens 802 D control
- 808. BAHMULLER** CNC Angle approach cylindrical grinding machine with siemens 840 D with movomatic ES – 400 and dittel HB 4000.
- 809. GRIFFON** G-250 CNC Angle approach cylindrical grinding machine with siemens 802 D with movomatic auto guaging

**810. SCHAUDT CF 55 N 750** CNC Camshaft grinding machine max grinding length 750mm dia 180mm cam lift 50mm centre height 180mm Siemens control.

**811. ARTHUR KLINK SLC 500** CNC Broach Grinding Machine 1600 x 250mm work table adjustable height 230mm, cross slide 355 mm, Grinding head vertical plan 100% spindle RPM 2240 to 7100 RPM with Siemens latest digital solution line control.

**812. ENGINE VALVE** manufacturing line All CNC 12 machines complete set make LANDIS, CINCINNATI, EVANS, GARDNER.

And lot of other CNC Grinding and Special machines.

### **I. Honing Machine & Super Finishing Machines**

**901. TIELENHAUS** Super finishing Machine for polishing of cams and main bearings Horizontol

**902. TIELENHAUS** Super finishing Machine for polishing of cams and main bearings Vertical.

**903. FASSLER 'D-250-C'** CNC Gear Honing Machine with loading gantry NUM control

**904. SUPFINA SFM 720/4** Super Finishing Machine

**905. GEHRING** Honing Stroke Length 400mm Dia upto 150mm.

**906. NAGEL** Stroke length 900mm Dia upto 250mm.

**907. GEHRING** 65 x 250mm Stroke Length twin station complete PLC Control with autoguaging.

### **J. Grinding Machine & Other Machinery**

#### **Surface**

**1001. SNOW** 3000 x 300 Surface Grinder

**1002. BLOHM HFS 310** 1200 x 300 with ball screws full guarded Excellent Condition.

**1003. JONES & SHIPMAN 540** 150 x 450 Surface Grinder.

**1004. JONES & SHIPMAN 540** 150 x 450 with Dia form

**1005. JONES & SHIPMAN 1011** 250 x 600 Surface Grinder.

**1006. ELB** 750 x 400 Surface Grinder

**1007. MEDDING** 150 x 350 High Speed Spline Grinder.

- 1008. ELB 250 x 750mm Surface Grinder**
- 1009. MAGERLE 250 x 750 mm Surface Grinder**
- 1010. ELB 1000 x 500mm Surface Grinder**
- 1011. ELB 750x 400 to 450mm Surface Grinder choice from 25 Grinders**

### **Cylindrical**

- 1012. KELLENBERGER 300 x 1000mm Universal. Cylindrical Grinder**
  - 1013. STUDER RHU 500 angular head cylindrical with profile dressing, Tesamatic Auto measuring Like New**
  - 1014. H.TSCHUDIN 200 x 600 Universal. Cylindrical grinder.**
  - 1015. SCHAUDT 100 x 350 Super Precision Model Cylindrical Grinder**
  - 1016. JONES & SHIPMAN 1300 200 x 600 Universal Cylindrical with internal all complete attachment.**
  - 1017. K and G 250 x 750 Universal Cylindrical Grinder.**
  - 1018. FORTUNA Specima 125 x 250 Cylindrical Grinder.**
  - 1019. STUDER 250 RM 125 x 250 Cylindrical Grinder.**
- And lot of other Gearman and Swiss Cylindrical Grinder in Stock.

### **CENTRELESS GRINDER + CAM SHAFT GRINDERS**

- 1020. JMADLER Double disc grinder**
- 1021. A GARNER 1000mm wheel dia double disc grinder excellent condition.**
- 1022. WICKMAN Centreless with MARPOSS with Auto Loading + Auto Sizing complete Automatic.**
- 1023. H.TSCHUDIN HTG 400 CNC Cam Shaft + Cylindrical Grinder with Auto Balancing + Auto Guaging.**
- 1024. CINCINNATI CNC 3-300 Twin Grip centreless grinder with siemens 802 D control.**
- 1025. WOTAN 700mm x 800mm id Grinder with facing with extra spindles.**

### **Internal Grinder**

- 1026. VOUMARD 3 PH Internal Grinder with complete Auto gauging and Auto Sizing. 1 Nos.**
- 1027. VOUMARD 101 AB Internal Grinder with Auto gauging and Auto Sizing. Complete automatic. 2 Nos.**
- 1028. CHURCHILL, OHW Internal Grinder with Radius Dressing and all Centre, universal 3 Nos.**

**1029. REINENCKAR** 200mm x 400mm ID Grinder with facing

### **K. Jig Boring + Jig Grinding Machine**

**1101. WMW** 1400 x 900 with optical with lot of tooling..

**1102. NEWALL** 1000 x 600 with heidentain DRO & Tooling .

### **L. EDM**

**1201. AGIE, CHARMILLES** etc.

### **M. Tool and Cutter + Broach Grinder + Spline Grinder**

**1301. JUNGER** With all accessories like hob sharpening + cylindrical Grinding & lot other.

**1302. CINCINATTI** Tool and Cutter with all accessories

**1303. SCHUTTE** with all accessories Tool & Cutter Grinder.

**1304. TOS** with all accessories Tool & Cutter Grinder

**1305. WMW** Drill Sharpener .

**1306. ARTHUR KLINK** SLC 500 CNC Broaching Machine 1600 x 250mm work table adjustable height 230mm, cross slide

355mm Grinding head vertical plan 100% spindle RPM 2240 to 1700 RPM allen Bradley control

**1307. MIKROMAT** micro drill sharpner with optical.

**1308. MEDDING** 400 mm length Spline Grinder

### **N. Millings**

*We have more than 50 Millings in Stock all sizes **BED TYPE & KNEE TYPE.***

*500mm to 5000mm*

**1401. HURON, DECKEL, MAHOO, WMW, BOKO, ACIERA, UNION.**

**CINCINNATI, BRIDGE PORT, ADCOCK**

**SHIPLEY, BEAVER**

**Bed Type Mill cum Plano Mill + Elaga Mill**

**BOKO** 2200 x 1200 x 1800 with ball screw + DRO with full rotary axis and Titling Head

**BUTLER** 3000mm x 1000mm Bed Type Milling with universal head.

**BOKO** 1000 x 800 x 500 Bed Type Milling with ball screw in all Axis..

## **O. FINE BLANKING + HIGHSPEED PRESSES**

**1501.RASTER** 30 Ton 100 to 1200 S.P.M new in 1991 Condition Like new with lot of spares.

**1502.BRUDERER** 30 Ton 100 to 700 S.P.M with all accessories.

**1503.BRUDERER** 40 Ton 100 to 500 SPM

**1504.SCHMID HSR 320** Ton schmid fine blanking press.

**1505.FEINTOOL GKF 250** Ton fine blanking press.

**1506.FEINTOOL GKF 25** Ton fine blanking press.

**1507.SCHMID HSR 90** Ton schmid fine blanking press.

**1508.SCHULLER 40 TON** high speed CNC press with siemens 810 control like new.

**1509.SCHULLER 125 TON** high speed press H. FRAME construction.

## **P. COLD SPLINE ROLLING**

**1601. ROTOFLOW 3225** Spline rolling machine.

**1602. FORMFLO 1R – 1A** Cold Roll Forming Machine for rolling Dog Teeth Gears use full for rolling internal gears also.

## **Q. CNC TOOL & CUTTER**

**1701. WALTER HELITRONIC 45** five axis tool and cutter grinder like new.

**1702. HUFFMAN CNC Tool and Cutter Grinders 8 Axis with Fanuc control.**

## **R. CNC GEAR HOBBER + SHAVER + CNC GEAR HONING**

**1801. LIEBHERR 152 C** Gear Hobbing with Siemens 840 D Control Immaculate condition.

**1802. HURTH ZS 350 T** Gear Shaver with Siemens 810 Control 150 Pc. Loader M/c. Like New.

**1803. WERA DRS-200** CNC Proficator with Siemens 810 Control used for manual automotive transmission

**1804. PFAUTER PH280** CNC Gear Honing Machine

**1805. REISHAUER RZR** CNC Gear Honing Machine

**1806. HURTH ZH250** CNC Gear Honing Machine

**1807. RED RING** Gear shaver with hydraulic tail stock and crowing

**1808. FASSLER D-250** CNC Gear Honing Machine with Num control.

**1809. HOFFLER** Gear Tester complete with all accessories and printer.

## **S. CNC LASER CUTTING**

**1901. LVD IMPULS 3020:-** 3000 x 2000 with Fanuc 16L control with shuttle pallet and sheet loader 3000 W Laser.

## **T. CNC TURRET PUNCH PRESS**

## **U. VERTICAL LATHE**

## **V. COLD FORGING CUM FORMING**

**2201. FIELDING** 2400 Ton Hydraulic up stroking cold forging cum forming press.

## **W. HORIZONTAL BORINGS**

**2301.** 85mm Boring with facing chuck & Tail Stock Square guide ways. Latest Model.

**2302.** COLLET 60mm Horizontal Boring Machine

## **X. CNC DEEP HOLE CUM GUN DRILLING**

(1) MOLLART CNC Deep Hole cum Gun Drilling 25mm x 350 mm with angle drilling auto feeding Fanuc oi control.

## **Y. RADIAL DRILL + DRILLS + MULTI SPINDLE DRILL**

## **Z. MISCELLANEOUS MACHINERY**

### **MEASURING EQUIPMENTS**

**BROWN & SHARP** CMM

**JOHANSON** CMM

**MAHR** PERTHEN METER

**CARLZEISS** Tool Room Micro scope

**TAYLOR HOBSON** Surface Roughness Tester

**NIKON** V12 Profile Projector **3 Nos.**

**NIKON** V16 Profile Projector **2 Nos.**

**MITUTOYO** Profile Projector **4 Nos.**  
**HAUSER** Profile Projector  
**ADCOLE** camshaft measuring machine  
**SUNNEN** – Bore Guage  
**WMW NC** Rotary Table 600 mm dia.  
**NIKKEN** 300MM CNC Rotary table with Nikken control.  
**SLIP** Guage Calibration Machine + Dials + Micrometer + Digital Leveler  
**JONES & SHIPMAN** 200 Dia CNC Rotary table with control.  
**CADAR AIR** Guage system, 1000 x 500mm Magnet Chuck for Miling  
Purpose **DEMGNETIZER** 1200mm high capacity demagnetizer

### **BRAND NEW SPARE PARTS**

**LM Guide ways**, NSK THK, SCHNEBERGER,     **BALL SCREWS** NSK, TH K THOMSON,  
**INTEGRATED SPINDLE** GMN, KREISSLER,     **TOLL HOLDERS** ISO, BT, CAT 40, 50  
**BRIDGEPORT** Cams for ATC 5Axis machining,     **JAPANESE ATC** Gear Motors.  
**GRUND FOSS** high pressure coolant pumps

**\*NOTE: FOR BRIDGEPORT VMC WE HAVE ALL TYPES SPARES IN STOCK**

*We have Profile Projector 300mm to 2000 mm screen dia.*

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