

## CNC MILLING MACHINES, MACHINING CENTERS

### **MAZAK VTC 800-30SR** 5 AXES MACHINING CENTER (2PCS)



- SIMULTANEOUS 5 AXES
- GUIDANCE: MAZATROL MATRIX-II
- RENISHAW MACHINE TOOL PROBE
- DIMENSIONS: **3000MM x 800MM x 720MM** (X; Y; Z)
- MAX LOAD: 2500 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

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### **MAZAK VTC 820/30** 3 AXES MACHINING CENTER



- 3 AXES
- GUIDANCE: MAZATROL MATRIX-II
- RENISHAW MACHINE TOOL PROBE
- DIMENSIONS: **3000MM x 820MM x 720MM** (X; Y; Z)
- MAX LOAD: 2500 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

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### **MAZAK HCN 8800** 4 AXES HORIZONTAL MACHINING CENTER / DUAL PALLET /

From 10.2016



- 4 AXES
- GUIDANCE: MAZAK SMOOTH G
- DIRECT MEASURING SYSTEM
- RENISHAW MACHINE TOOL PROBE
- DIMENSIONS: **1400MM x 1200MM x 1325MM** (X; Y; Z)
- B AXIS 360°.CONTINUOUS
- MAX LOAD: 2200 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

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### **TAJMAC H63A** 4 AXES HORIZONTAL MACHINING CENTER / DUAL PALLET /



- 4 AXES
- GUIDANCE: SIEMENS 840D
- DIRECT MEASURING SYSTEM
- RENISHAW MACHINE TOOL PROBE
- DIMENSIONS: **1000MM x 1050MM x 1000MM**(X; Y; Z)
- B AXIS 360°.CONTINUOUS
- MAX LOAD: 2500 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

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## MAZAK VRX 6302-5X II 5 AXES MACHINING CENTER / PALLETECH /



- SIMULTANEOUS 5 AXES
- GUIDANCE: MAZATROL MATRIX NEXUS
- RENISHAW MACHINE TOOL PROBE
- DIMENSIONS: **630MM x 765MM x 510MM** (X; Y; Z)
- MAX LOAD: 500 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

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## ENSHU GE480H 4 AXES HORIZONTAL MACHINING CENTER / PALLETECH /



- 4 AXES
- GUIDANCE: FANUC 31i
- RENISHAW MACHINE TOOL PROBE
- DIMENSIONS: **800MM x 800MM x 800MM** (X; Y; Z)
- B AXIS 360°.CONTINUOUS
- MAX LOAD: 500 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

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## DOOSAN VC 510 VERTICAL MACHINING CENTER / PALLETECH / (2PCS)



- 3 AXES
- GUIDANCE: FANUC 0i
- DIMENSIONS: **760MM x 510MM x 570MM** (X; Y; Z)
- MAX LOAD: 2 x 300 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

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## DECKEL MAHO DMF 220 VERTICAL MILLING CENTER



- 3 AXES
- GUIDANCE: SIEMENS SINUMERIK 840D POWERLINE
- DIMENSIONS: **2200MM x 560MM x 720MM** (X; Y; Z)
- MAX LOAD: 2200 KG
- ETHERNET NETWORK CONNECTION
- HIGH ACCURACY

## MAZAK VTC 200 C

### VERTICAL MACHINING CENTER



- 4 AXES
  - GUIDANCE: MAZATROL PC FUSION 640M
  - DIMENSIONS: **1660MM x 510MM x 510MM** (X; Y; Z)
  - A AXIS: KITAGAWA MR 250: **Ø250MM CHUCK**
  - MAX LOAD: 800 / 125 KG
  - ETHERNET NETWORK CONNECTION
  - HIGH ACCURACY
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## HAAS VF3SS

### 5 AXES VERTICAL MILLING CENTER



- 5 AXES
  - GUIDANCE: HAAS
  - RENISHAW MACHINE TOOL PROBE
  - DIMENSIONS: **1016MM x 508MM x 635MM** (X; Y; Z)
  - MAX LOAD: 794 KG / 35 KG
  - ETHERNET NETWORK CONNECTION
  - HIGH ACCURACY
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## HAAS VF2SS

### 3 AXES VERTICAL MILLING CENTER



- 3 AXES
  - GUIDANCE: HAAS
  - DIMENSIONS: **762MM x 406MM x 508MM** (X; Y; Z)
  - MAX LOAD: 680 KG
  - ETHERNET NETWORK CONNECTION
  - HIGH ACCURACY
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## CNC TURNING MACHINES

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### **DOOSAN PUMA 300 LMC**



- GUIDANCE: FANUC T-18
- MAX TURNING Ø: **Ø400MM**
- MAX TURNING LENGHT: **1250MM**
- DRIVEN TOOLS: 6 PCS
- RS 232 NETWORK CONNECTION

### **DOOSAN PUMA 280 M + BAR FEEDER**



- GUIDANCE: FANUC 0i TC
- MAX TURNING Ø: **Ø420MM**
- MAX TURNING LENGHT: **658MM**
- DRIVEN TOOLS: 12 PCS
- RS 232 NETWORK CONNECTION
- BAR Ø RANGE FOR BAR FEEDER: MAX 76MM
- HIGH PRESSURE COOLANT

### **DOOSAN PUMA 2600 MS (2PCS) + BAR FEEDER**



- GUIDANCE: FANUC 0i TC
- MAX TURNING Ø: **Ø380MM**
- MAX TURNING LENGHT: **760MM**
- DRIVEN TOOLS: 12 PCS
- BAR Ø RANGE FOR BAR FEEDER: MAX 76MM
- RS 232 NETWORK CONNECTION
- COUNTER SPINDLE

### **TSUGAMI M08SYE-II + BAR FEEDER**



- GUIDANCE: FANUC 0i TF
  - MAX TURNING Ø: **Ø280MM**
  - MAX TURNING LENGHT: **380MM**
  - DRIVEN TOOLS: 12 PCS
  - BAR Ø RANGE FOR BAR FEEDER: MAX 65MM
  - RS 232 NETWORK CONNECTION
  - COUNTER SPINDLE
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## EXCEL 320 (2PCS)



- GUIDANCE: FANUC 21i T
  - MAX TURNING Ø: **Ø320MM**
  - MAX TURNING LENGHT: **600MM**
  - RS 232 NETWORK CONNECTION
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## TORNADO A50 + BAR FEEDER



- GUIDANCE: FANUC A21i
  - MAX TURNING Ø: **Ø170MM**
  - MAX TURNING LENGHT: **350MM**
  - RS 232 NETWORK CONNECTION
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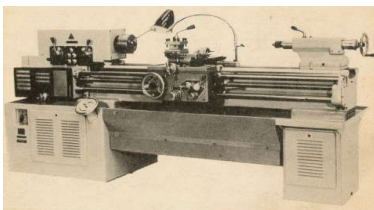
## LATHES

### TRENS SN 50C UNIVERSAL CENTER LATHE



- MAX SWING OVER BAD: **Ø500MM**
  - MAX SWING OVER CROSS SLIDE: **Ø270MM**
  - MAX TURNING LENGHT: **2000MM**
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## TOS SV-18-A ESZTERGA



- MAX SWING OVER BAD: **Ø380 – 500MM**
  - MAX SWING OVER CROSS SLIDE: **Ø215 – 310MM**
  - MAX TURNING LENGHT: **1000 - 2000MM**
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## OTHER NC MACHINES

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### **FANUC** (P SERIES) WIRE EDM MACHINE



- 4 AXES
- MAX TURN OVER AN ANGLE OF 18°
- DIMENSION: **250 x 300MM**
- CUTTING HEIGHT MAX.: **200MM**
- MAX LOAD: 120KG
- RS 232 NETWORK CONNECTION

### **imet BS 300/60 AFI** NC SAWING MACHINE ( 2PCS )



- MAX CUTTING DIM / Ø / : **Ø255MM**
- MAX CUTTING DIM / SQUARE / : **230MM**
- CUTTING ACCURACY: 0,1MM
- AUTOMATIC INFOR MODE

## MEASURING MACHINES

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### **COORD<sup>3</sup> HERA** 3D CNC CORDINATE-MEASURING MACHINE



- MEASURING STROKES:  
**X:2400MM Y:1000MM Z:850MM** (X; Y; Z)
- GUIDE: ARCOCAD
- ACCURACY:  $MPE_E = 3,2 + 3,2L/1000 \mu M$
- ETHERNET NETWORK CONNECTION

### **MITUTOYO B706** 3D MANUAL CORDINATE-MEASURING MACHINE



- MEASURING STROKES:  
**X:710MM Y:610MM Z:450MM** (X; Y; Z)
- GUIDE: GEOPAK-3
- ACCURACY: 0,009MM

### **TESA PLUS M HITE 700** 2D HEIGHT GAUGE



- MEASURING STROKES: **Z:715MM**
- ACCURACY:  $2 + 3L \mu M$
- RS 232 NETWORK CONNECTION

## MARKING

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### **LASIT COMPACT MARKT LASER MARKING MACHINE**



- XYZ 460 x 400 x 450
  - FiberFly 20W – 30W
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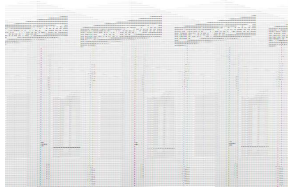
## ASSEMBLY

### **TWO ASSEMBLY WORKSTATIONS**

- 0,5T LIFTING CAPACITY BOTH WORKSTATIONS
  - HYDRAULIC PRESSURE TEST / MAX 300 BAR /
  - MULTIPLE YEARS OF EXPERIENCE
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## PAINTING

### **Blowtherm WORLD ECO 7.0 PAINT CABIN**



- INTERNAL DIM: 7000MM x 4000MM x 2780MM
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## MATERIAL HANDLING EQUIPMENTS

- TOYOTA ENGINE POWERED FORKLIFT // LOAD CAPACITY: 3T //
  - BT POWERED STACKER TRUCK // LOAD CAPACITY: 1,4T // (2PCS)
  - OVERHEAD CRANE MAX 3,2T (4PCS)
  - OTHER CRANES 0,5 – 1T  
(ASSEMBLY WORKSTATIONS, CMM ROOM )
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