

# STAHLBAU TECHNOLOGY DIRECTORY 2016





# CNC MILLING MACHINE

Producer : MAZAK

Model : VERTICAL CENTER SMART 530C

Year of the production : 2014 Year

## PARAMETERS

Magazine : 30 tools

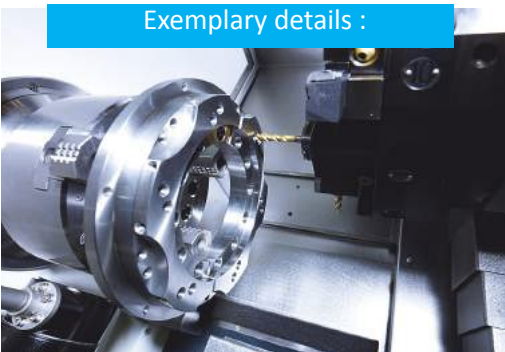
Working space : 1060 x 630 x 610 (mm)

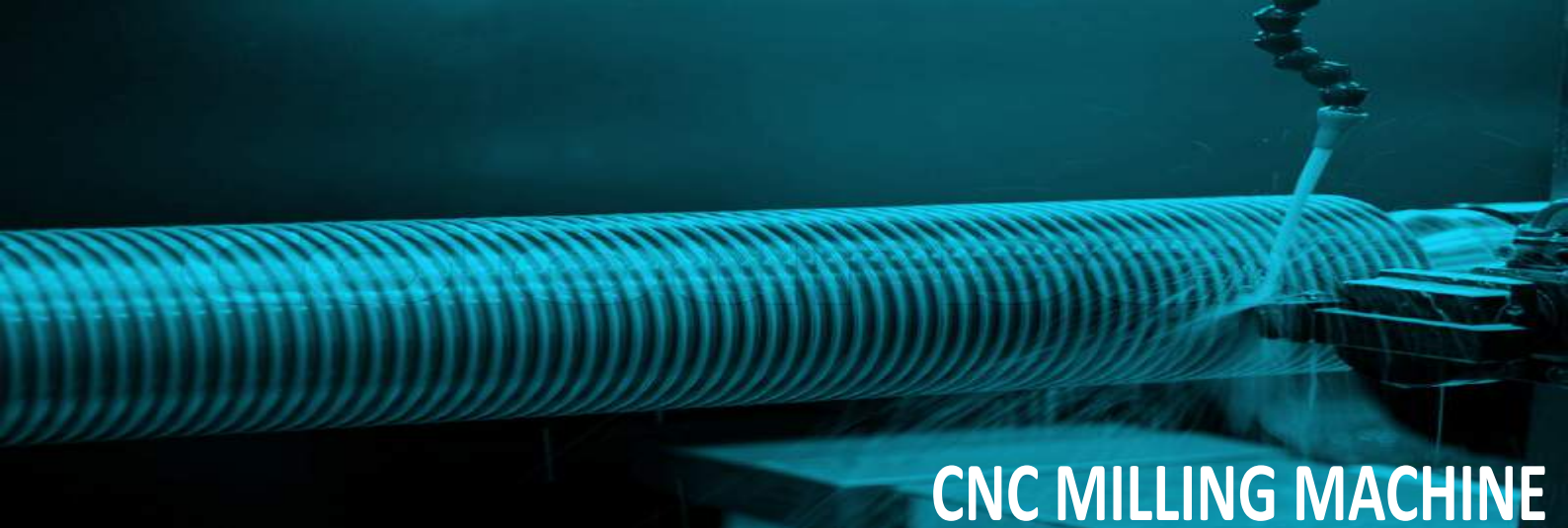
## ADDITIONAL INFORMATIONS :

- ✓ Maximum speed : 12,000 min<sup>-1</sup>
- ✓ Table length : 1,300 mm
- ✓ Table width : 550 mm
- ✓ Handle tool : MAS BT-40



Exemplary details :





# CNC MILLING MACHINE



Producer : **BROTHER**

Model : **TC-R2B**

Year of the production : **2013 Year**

## PARAMETERS

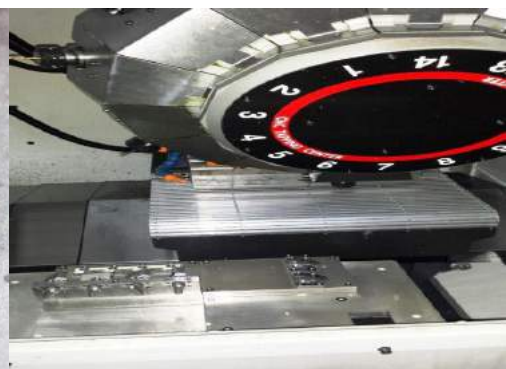
Magazine : **14 tools**

Working space : **420 x 320 x 305 (mm)**

## ADDITIONAL INFORMATIONS :

- ✓ Prędkość obrotowa wrzeciona [ spin / min ] 10000
- ✓ Tool changing time [s] 0,9
- ✓ Workspace [mm] 600x300
- ✓ Rides in axis X [mm] 420

Exemplary details :





# CNC LATHE MACHINE

Producer :

**MAZAK**

Model :

**QUICKTURN NEXUS 250-IIMS**

Year of production :

**2014 Year**

## PARAMETERS

Max  $\varnothing$  turning :

**$\varnothing$  380 mm**

Max turning length :

**641 mm**

## ADDITIONAL INFORMATIONS :



Number of tools : 12 ( All 12 driven )



Motor Spindle : (10 min) 5.5 kW



Maximum rotation speed : 4,000 min<sup>-1</sup>



Engine power (30 min) : 26.0 kW



Exemplary details :

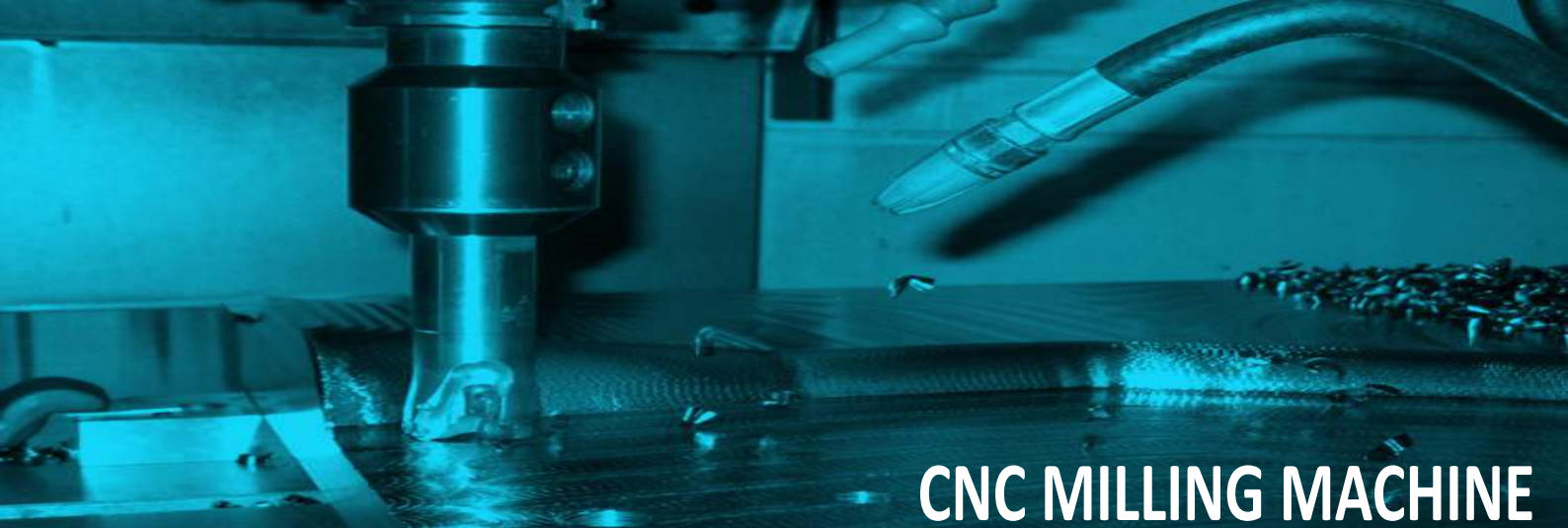


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# CNC MILLING MACHINE



Producer :	DMU
Model :	35M - DECKEL MAHO
Year of production :	2000 Year

## PARAMETERS

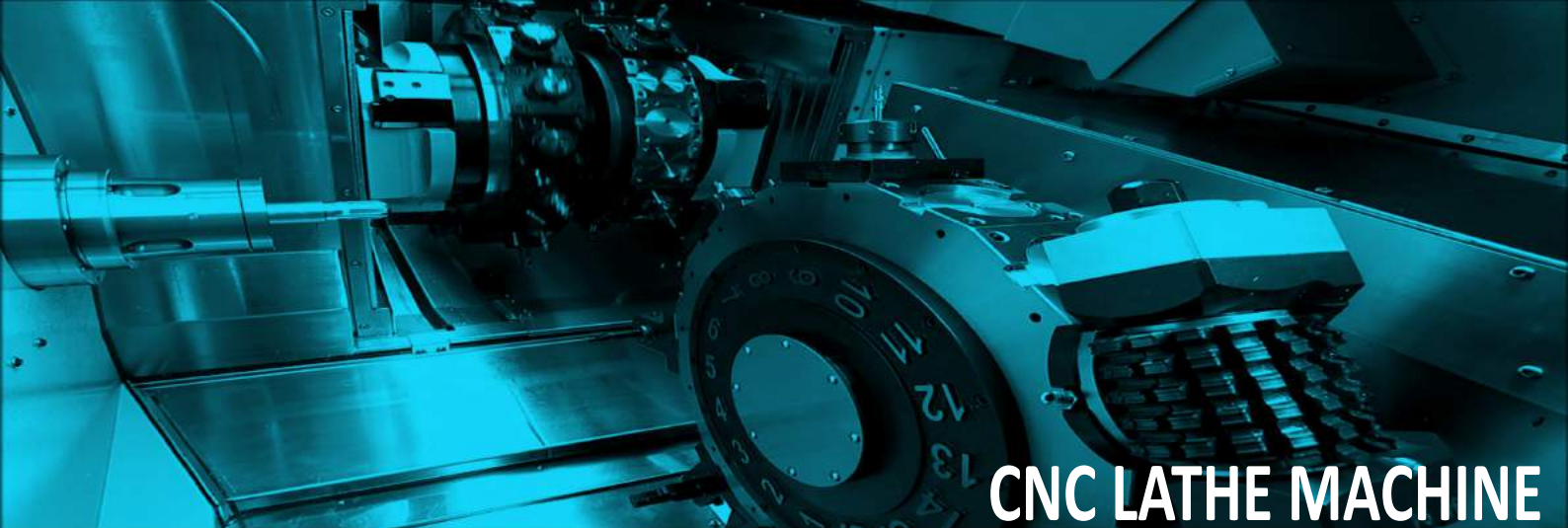
Magazine :	Milling machine with moving table
Working space :	350 x 240 x 340 (mm)

## ADDITIONAL INFORMATIONS :

- ✓ Speed 20-6300 spin / min
- ✓ Table : D 400 x 280
- ✓ Conical tool : SK 40
- ✓ Glass : 5 m / min

Exemplary details :





# CNC LATHE MACHINE



Producer :

DMG

Model :

CTX 310 ecoline

Year of production :

2012 Rok

## PARAMETERS

Max  $\varnothing$  turning :

$\varnothing$  330 mm

Max turning length :

455 mm

## ADDITIONAL INFORMATIONS :



Number of tool nests : 12



Fastening : VDI 30

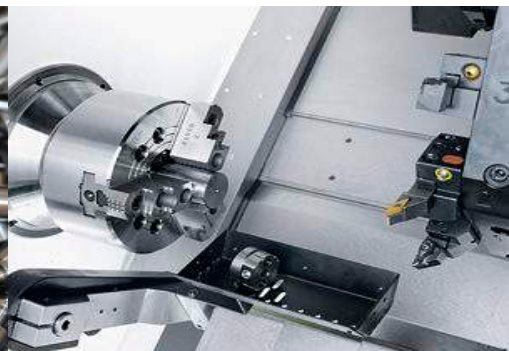
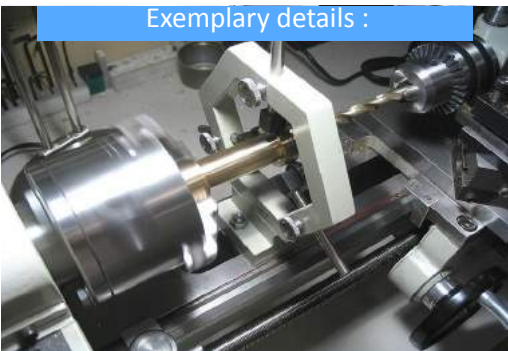


Max. Torque (40 % ED) : Nm 20



Max. Rotation speed : spin / min 4.500

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# CNC LATHE MACHINE

Producer :

**GILDEMEISTER**

Model :

**N.E.F. 320**

Year of production :

**2000 Year**

## PARAMETERS

Max  $\varnothing$  turning :

**$\varnothing$  150 mm**

Max turning length :

**943 mm**

## ADDITIONAL INFORMATIONS :



Turning length : 750 mm



Diameter of carrying on : 320 mm



Turning speed range : 10 - 4000 rpm



Dimensions ( length x width x height ) : 2,45 x 1,67 x 1,83 mm

Exemplary details :



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# CNC AUTOMATIC LATHE



Producer : STAR

Model : SV-32JII

Year of production : 2004 Year

## PARAMETERS

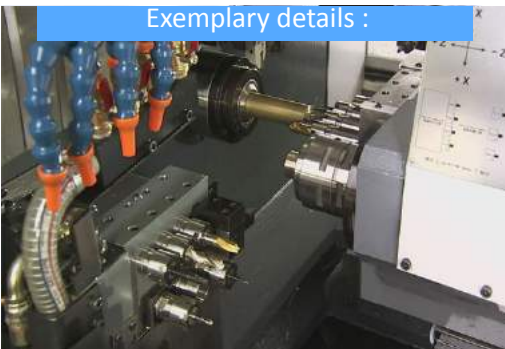
Max  $\varnothing$  turning :  $\varnothing$  32 mm

Max turning length : 150 mm

## ADDITIONAL INFORMATIONS :

- Max bar diameter : 32 mm
- Max spindle pitch : 310 mm
- Turnover of the main spindle : 350 - 7000 spin / min
- Control : FANUC Series 18i-TB

Exemplary details :



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# CNC AUTOMATIC LATHE



Producer :

**CITIZEN**

Model :

**CINCOM A32**

Year of production :

**2012 Year**

## PARAMETERS

Max  $\varnothing$  turning :

**$\varnothing$  32 mm**

Max turning length :

**4 rotary tools**

## ADDITIONAL INFORMATIONS :



Max. machining diameter [mm] : 32



Max. machining length [mm] : 320

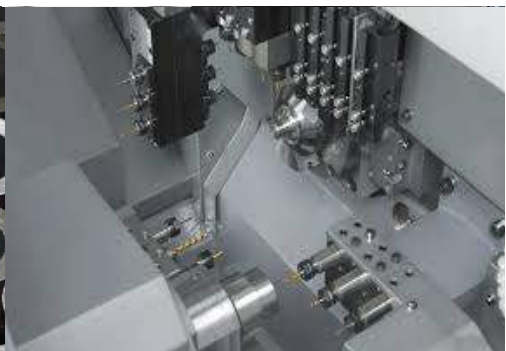
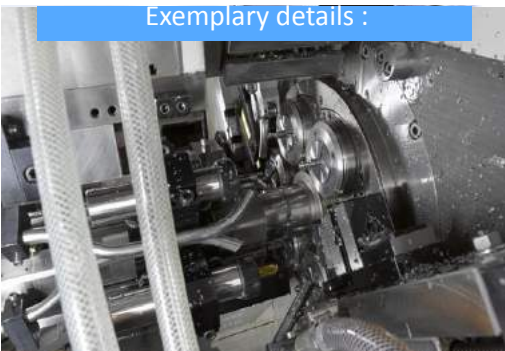


Number of rotary tools : 4



Number of tools for turning : 6

Exemplary details :



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# CNC AUTOMATIC LATHE



Producer :

**CITIZEN**

Model :

**CINCOM A32**

Year of production :

**2014 Year**

## PARAMETERS

Max  $\varnothing$  turning :

**$\varnothing$  32 mm**

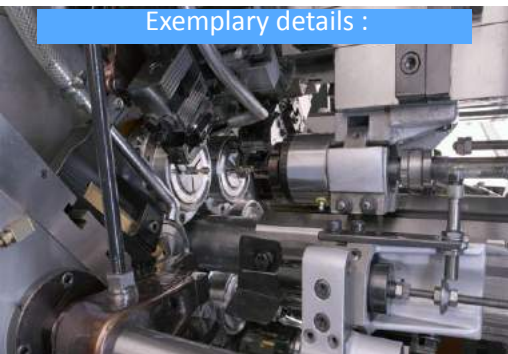
Max turning length :

**4 rotary tools**

## ADDITIONAL INFORMATIONS :

- ✓ Fast and easy retooling
- ✓ Efficient user friendly control
- ✓ Table width : 550 mm
- ✓ The tool holder : MAS BT-40

Exemplary details :



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# MANUAL MILLING MACHINE

Producer : STANKO

Model : 6P82

Year of production : 1990 Year

## PARAMETERS

Machine height : 1670 mm

Machine length : 2305 mm

## ADDITIONAL INFORMATIONS :



Length of the working table : 1250 mm



Width of the working table : 320 mm



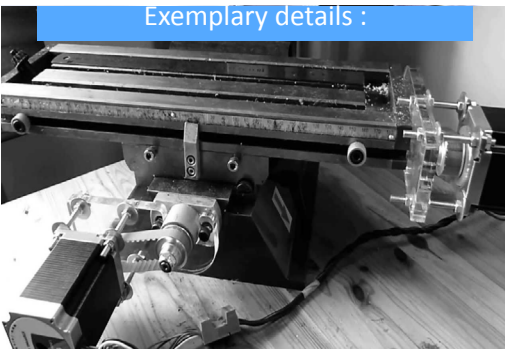
Maximum table load ( even ) : 250 kg



Weight of the machine : 2.9 t



Exemplary details :



# MANUAL MILLING MACHINE

Producer : **STANKO**

Model : **16 K 20**

Year of production : **1977 Year**

## PARAMETERS

Length of the lathe : **2700 mm**

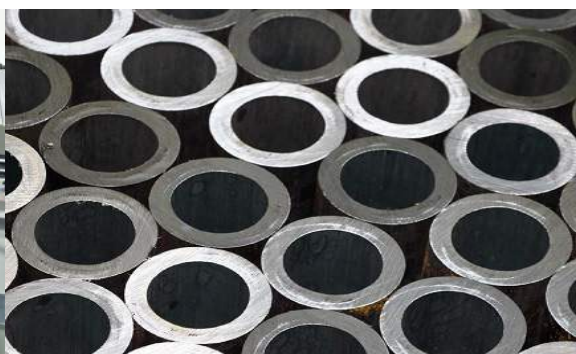
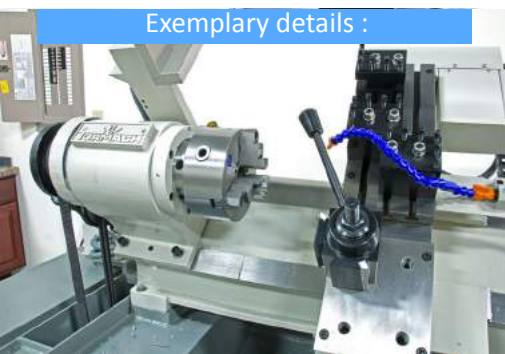
Lathe width : **1000 mm**

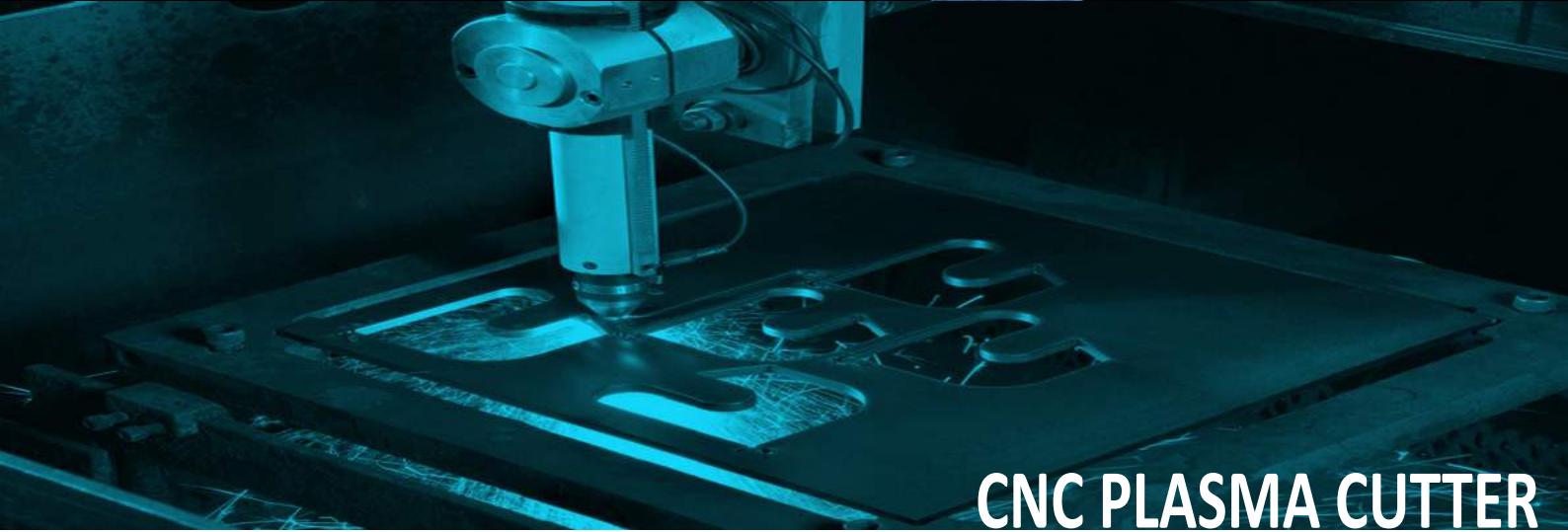
## ADDITIONAL INFORMATIONS :

- ✓ Maximum turning length : 950 mm
- ✓ Maximum turning diameter over bed : 400 mm
- ✓ Spindle diameter : 55 mm
- ✓ Total power requirement : 11 kW



Exemplary details :





# CNC PLASMA CUTTER

Producer :

UNI-KAT

Model :

GLIMMER

Year of production :

2013 Year



## PARAMETERS

Speed of vehicular :

30 m/min

Working speed :

10 m/min

## ADDITIONAL INFORMATIONS :



Power : 230 V/50 Hz



Power Connection : 3,5 kVA

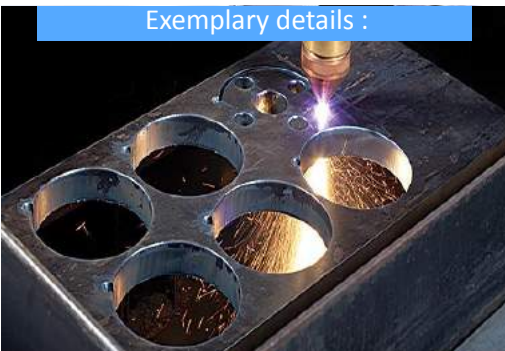


Speed of the axis handle : 15 m/min



Table height material : 700 mm

Exemplary details :

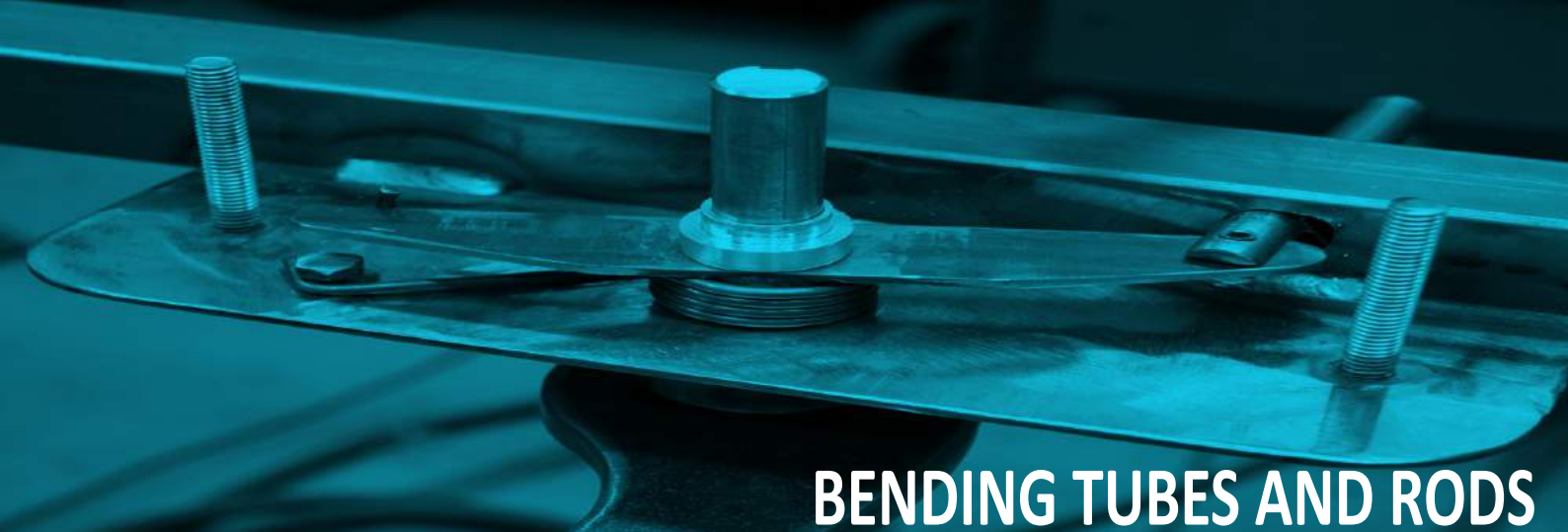


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# BENDING TUBES AND RODS

Producer : \_\_\_\_\_

**OROME**

Model : \_\_\_\_\_

**GR2**

Year of production : \_\_\_\_\_

**2015 Year**

## PARAMETERS

Power : \_\_\_\_\_

**3 x 380 V / 300 W**

Weight benders : \_\_\_\_\_

**150 kg**

## ADDITIONAL INFORMATIONS :



Bending of tubes and rods of diameters :  $\varnothing$  42 (mm)



Height : 1250 mm



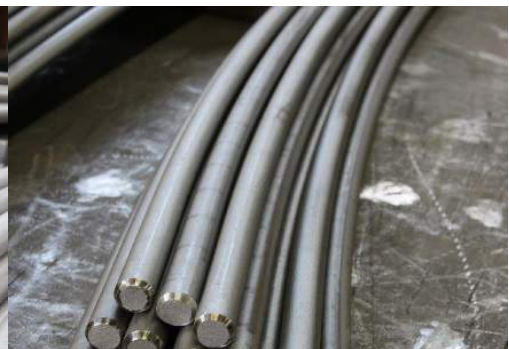
Width : 600 mm



Length : 700 mm



Exemplary details :





# TAPE CUTTER



Producer : MEBA

Model : GHSS 320

Year of production : 2014 Year

## PARAMETERS

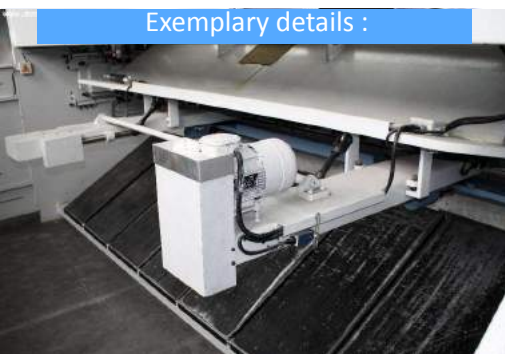
Speed band saw : 15-150 m/min

Weight : 910 kg

## ADDITIONAL INFORMATIONS :

- ✓ Maximum cutting width : 320 (mm)
- ✓ Working height : 750 mm
- ✓ Dimensions : 1300 X 2050 X 1400 mm
- ✓ Total power requirement : 3 kW

Exemplary details :



# PRESS BRAKE

Producer :

**PROMECAM**

Model :

**RG 50-20**

Year of production :

**1974 Year**

## PARAMETERS

Maximum pressure :

**50 T**

Bending length :

**2500 mm**

## ADDITIONAL INFORMATIONS :



Maximum bending length : 2000 (mm)



Control : CNC SELECONTROL BDM 3



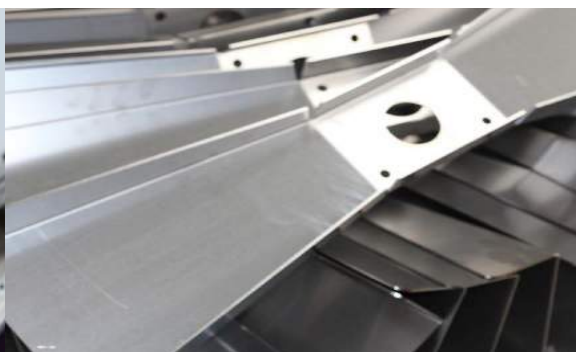
Upper sensor : 3760 mm



Side holes in the canvas : 400 mm



Exemplary details :



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# WELDER



Producer :

**STEEL**

Model :

**MIG MAG**

Year of production :

**2010 Year**

## PARAMETERS

Control :

**Arc Force**

Adjust inductance :

**MIG/FLUX**

## ADDITIONAL INFORMATIONS :



Ventilator



Pulse

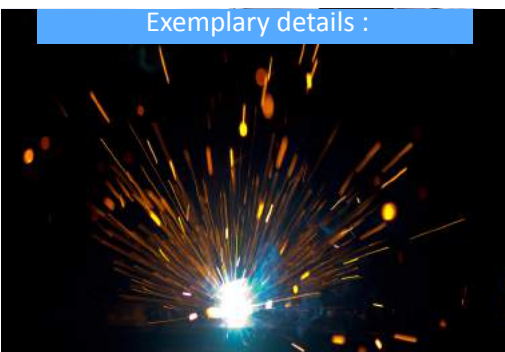


Elastoplastic protective varnish PCB



Ability to connect to the generator

Exemplary details :

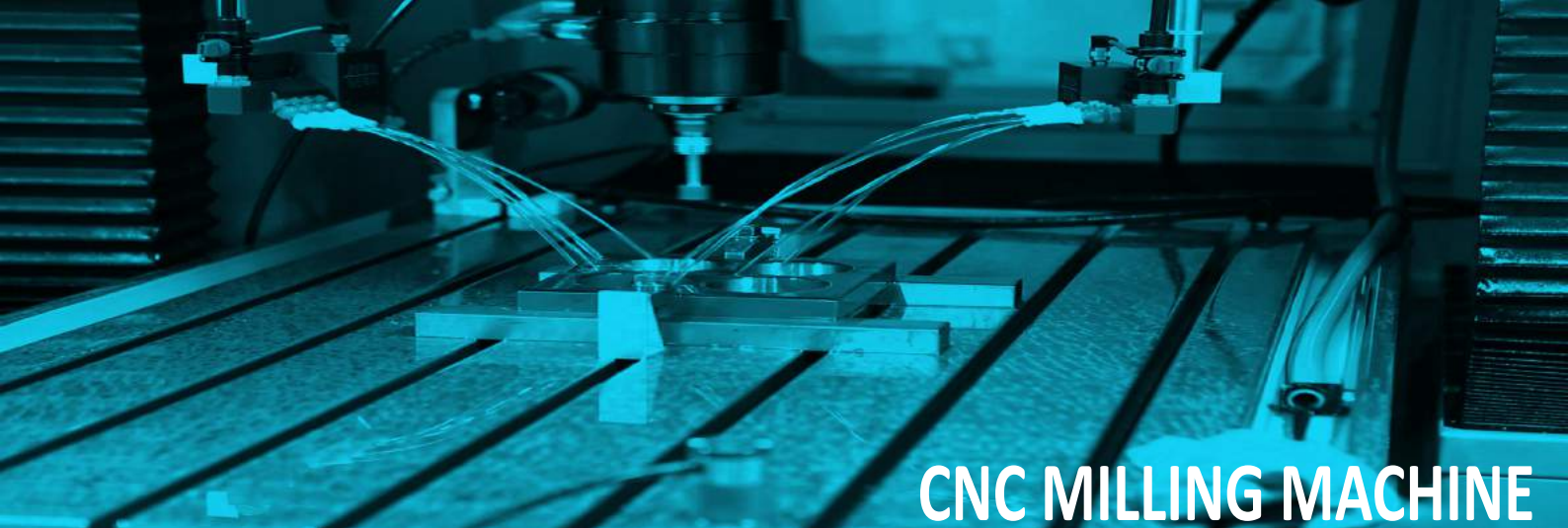


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# CNC MILLING MACHINE



Producer : DOOSAN

Model : DNM 650

Year of production : 2011 Year

## PARAMETERS

Magazine : 29 tools

Working space : 1270 x 670 x 625 (mm)

## ADDITIONAL INFORMATIONS :

- ✓ Max speed : 12.000 turnovers
- ✓ Tools Parts : BT 40
- ✓ Automatic tool changer : 30 places
- ✓ Control : Fanuc 0i-MD

Exemplary details :



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# CNC MACHINING CENTER



Producer : MORI SEIKI

Model : DMG DMC 1035V ECOLINE

Year of production : 2012 Year

## PARAMETERS

Magazine : 19 tools

Working space : 1035 x 560 x 510 (mm)

## ADDITIONAL INFORMATIONS :

- ✓ Length of the work table : 1200 mm
- ✓ Table width : 560 mm
- ✓ Maximum table load ( even ) : 1000 kg
- ✓ Power of spindle drive : 13 kW

Exemplary details :



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# COORDINATE GRINDER

Producer :

**HAUSER**

Model :

**4 SM-DR**

Year of production :

**1982 Year**

## PARAMETERS

Adjuster :

**CNC 314**

working space :

**500 x 250 x 120 (mm)**

## ADDITIONAL INFORMATIONS :



Travel axis x : 400 mm



Travel axis y : 250 mm



Turning speed range : 30 - 4000 rpm



Weight approx : 3000 kg



Exemplary details :

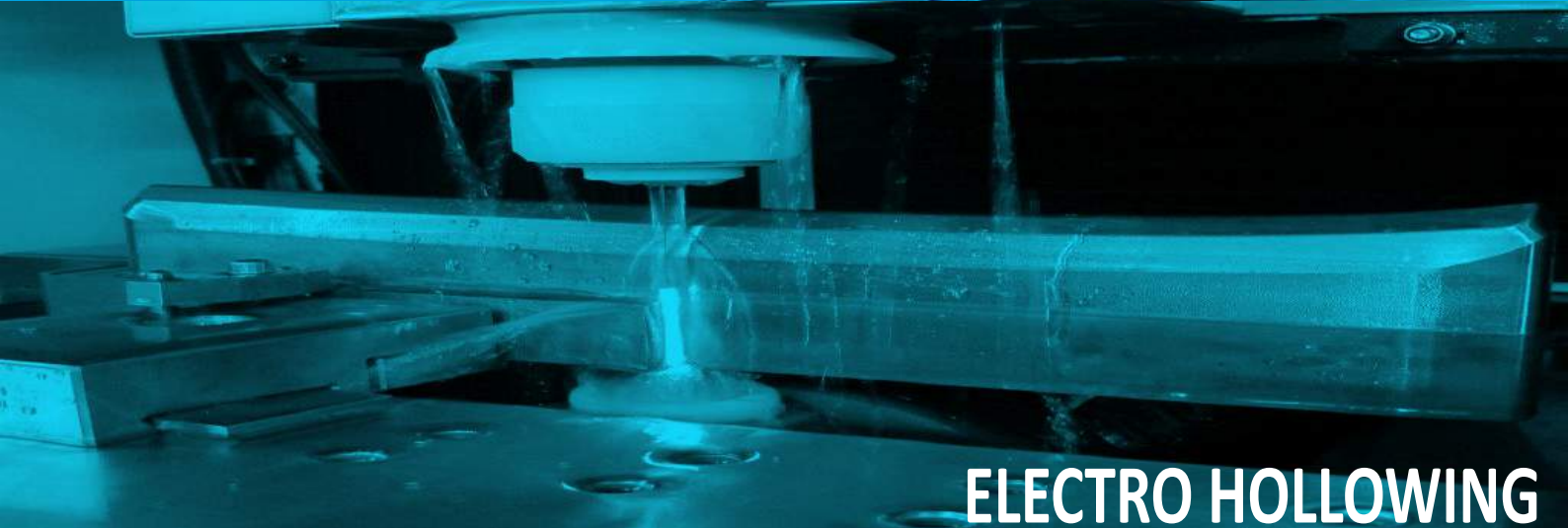


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# ELECTRO HOLLOWING

Producer : BP

Model : 05D

Year of production : 2006 Year

## PARAMETERS

Dimensions : 800x1000x1800 mm

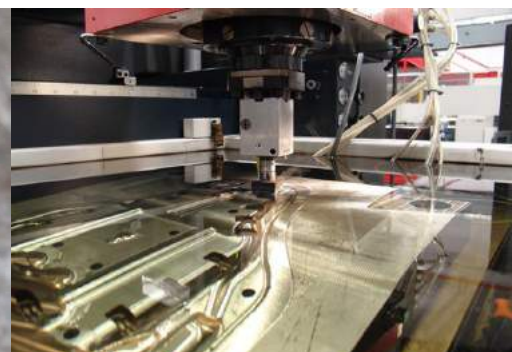
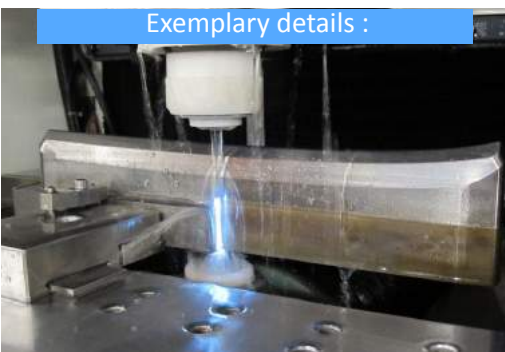
Mass : 500 kg

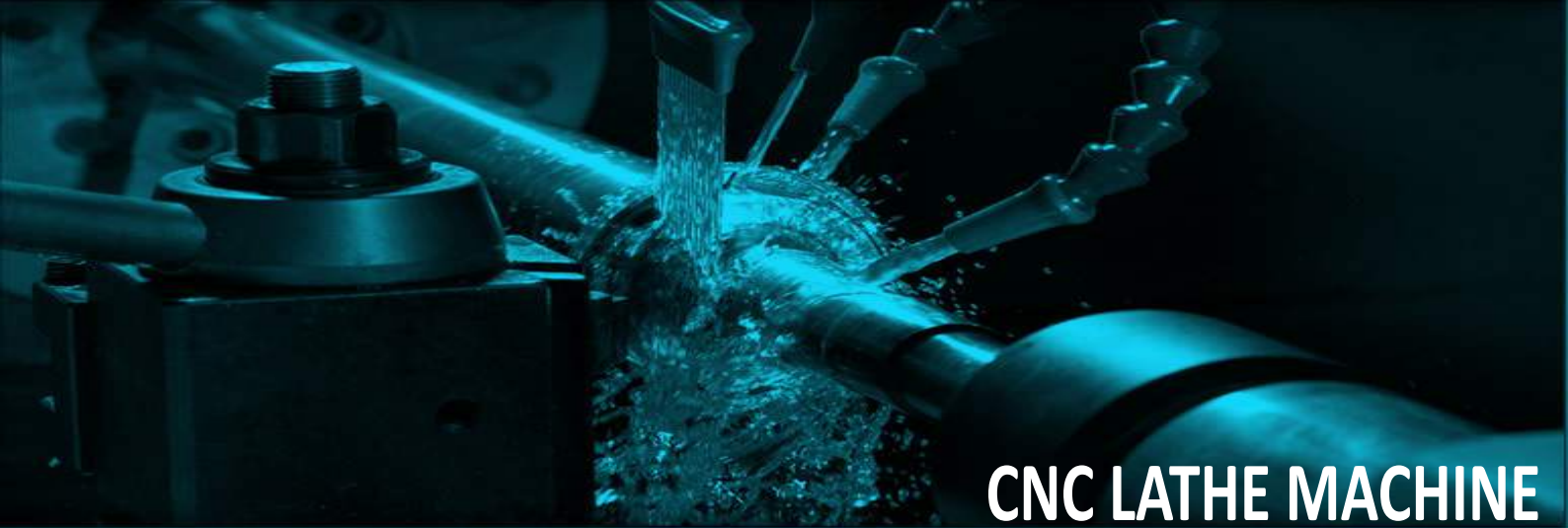
## ADDITIONAL INFORMATIONS :

- ✓ Worktable : 400x290 mm
- ✓ Feed Axis XYZ : 300x180x0 mm
- ✓ Height Workpiece (max) : 180 mm
- ✓ Weight of the workpiece (max) : 100 kg



Exemplary details :





# CNC LATHE MACHINE



Producer : GILDEMEISTER

Model : CTX 200 Serie 2

Year of production : 2001 Year

## PARAMETRY

Max  $\varnothing$  turning :  $\varnothing$  180 mm

Max turning length : 400 mm

## ADDITIONAL INFORMATIONS :

- ✓ Maximum speed : 12,000 min<sup>-1</sup>
- ✓ Table length : 1,300 mm
- ✓ Table width : 550 mm
- ✓ Handle tool : MAS BT-40

Exemplary details :



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# CNC LATHE MACHINE

Producer :

**GILDEMEISTER**

Model :

**AG N.E.F. 660**

Year of production :

**1978 Year**

## PARAMETRY

Max  $\varnothing$  turning :

**$\varnothing$  660 mm**

Max turning length :

**1500 mm**

## ADDITIONAL INFORMATIONS :



Maximum speed : 12,000 min<sup>-1</sup>



Table length : 1,300 mm



Table width : 550 mm



Handle tool : MAS BT-40



Exemplary details :



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# CNC MILLING MACHINE



Producer :

HECKLER & KOCH

Model :

HKBA 20 CNC

Year of production :

2014 Year

## PARAMETERS

Magazine tools :

2 x 12 art

Working space :

1300 x 350 x 200 (mm)

## ADDITIONAL INFORMATIONS :

- ✓ Hydraulic unit up to 4 axes
- ✓ Control : Heckler & Koch / BWO CNC 781-2
- ✓ 2 Clamping plate to 4 x 90 ° axis
- ✓ 48 Frames in different versions

Exemplary details :



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# HYDRAULIC PRESS



Producer : HAVEN

Model : HP-100

Year of production : 2015 Year

## PARAMETERS

Pressing force : 60 T

Working pressure : 30 MPa

## ADDITIONAL INFORMATIONS :

- ✓ Movement of the piston / table : 250 mm + 405 mm
- ✓ Engine power: 3 kW
- ✓ Table dimensions : 450 mm x 980 mm
- ✓ Weight : 1120 kg

Exemplary details :



**STAHLBAU**

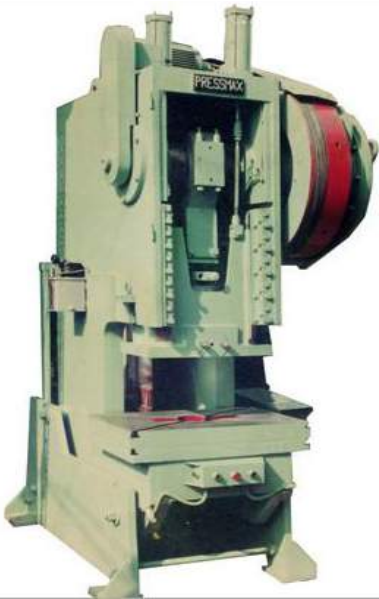
HQ adress :  
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# HYDRAULIC PRESS



Producer : ERFURT

Model : 160X

Year of production : 1985 Year

## PARAMETERS

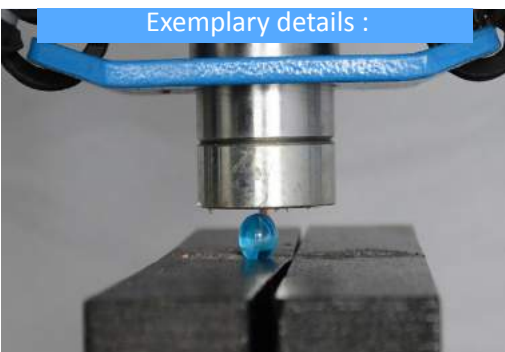
Thrust : 160 T

Number of strokes : 71 1/min

## ADDITIONAL INFORMATIONS :

- ✓ Maximum force : 160 T
- ✓ Outreach : 400 mm
- ✓ Minimum length of the pitch slider : 32 mm
- ✓ Maximum stroke length of the slider : 140 mm

Exemplary details :



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# CNC MILLING MACHINE



Producer : HURCO

Model : VMX-42U

Year of production : 2011 Year

## PARAMETERS

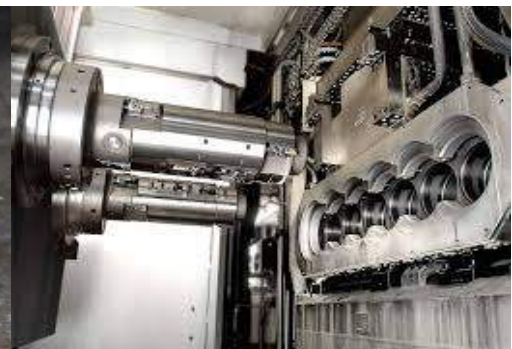
Magazine : 42 tools

Working space : 1067 x 610 x 510 (mm)

## ADDITIONAL INFORMATIONS :

- ✓ Diameter of the rotary table : 350mm
- ✓ Max moves fast : 35m/min
- ✓ Max spindle speed : 15000 spin/min
- ✓ Max weight of the work piece : 250kg

Exemplary details :



# LINE FOR CUTTING TAPE STEEL



Producer :

CNC PROJEKT

Model :

BS 210GP

Year of production :

2012 Year

## PARAMETERS

Maximum pressure :

60 T

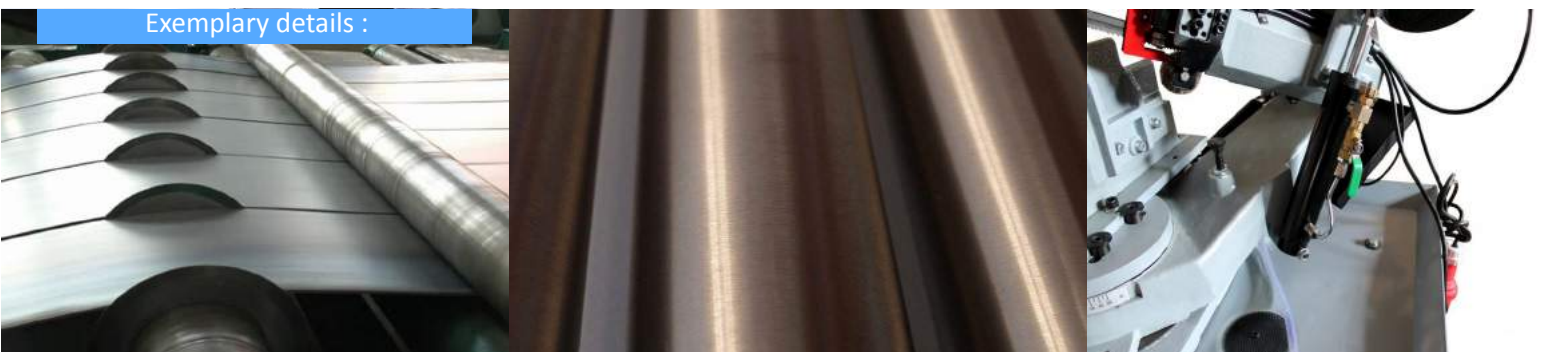
Dimensions of the tape :

2080 x 20 x 0,9mm

## ADDITIONAL INFORMATIONS :

- ✓ Exact setting of belt tension gauge
- ✓ Automatic stop
- ✓ Full cast iron with double ball bearing carrying saws
- ✓ Adjustable cutting speed

Exemplary details :



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# MANUAL MILLING MACHINE



Producer : JAFO

Model : FWR40

Year of production : 1990 Year

## PARAMETERS

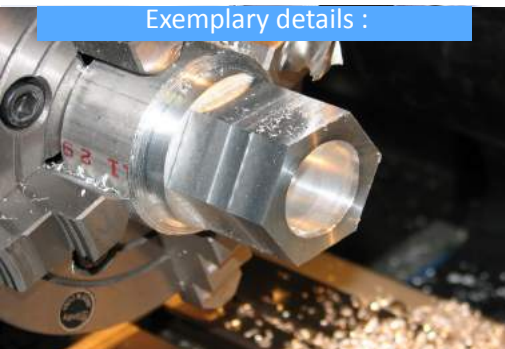
Weight : 3600 kg

Working space : 800 x 2000 x 800 (mm)

## ADDITIONAL INFORMATIONS :

- ✓ Maximum weight of the workpiece : 450 kg
- ✓ Table working surface milling : 400x1400 mm
- ✓ Control of fishing rods
- ✓ Number of T-slot : 6

Exemplary details :

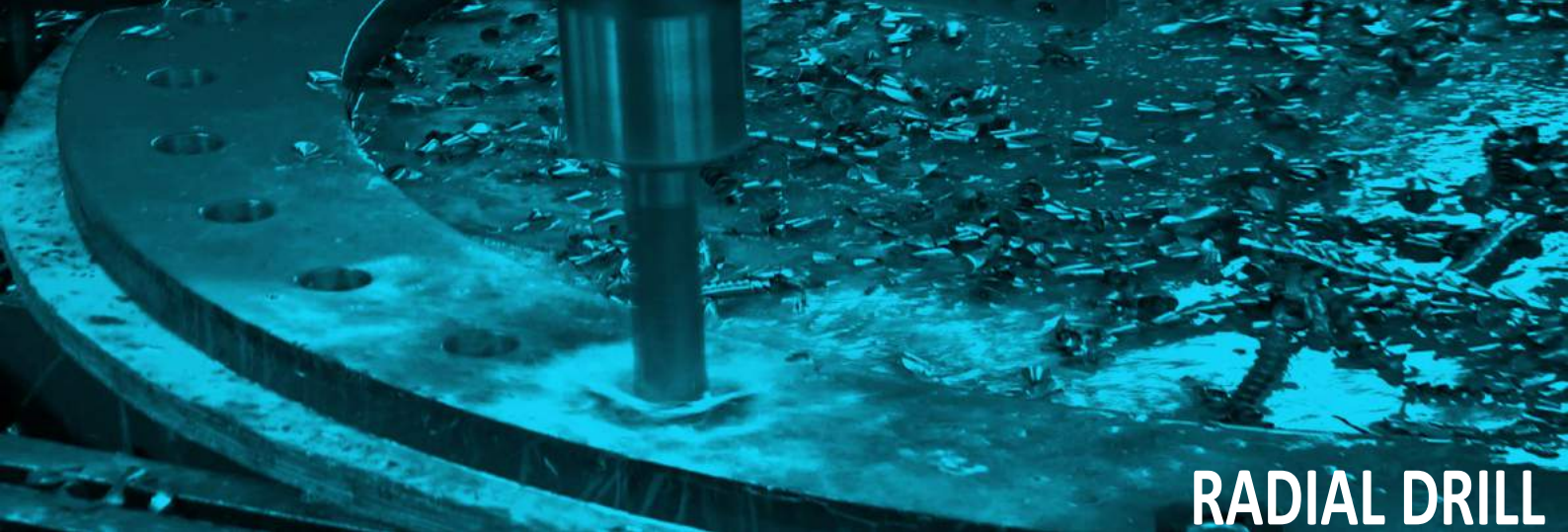


**STAHLBAU**

HQ adress :  
Żary Street. Tatrzańska 6c  
68-200 Żary

Branch in Żary :  
Żary Street. Zwycięzców 4  
68-200 Żary

Branch in Chojnów :  
Chojnów Street. Kolejowa 25  
59-225 Chojnów



# RADIAL DRILL



Producer : CEGIELSKI

Model : 330 - 1590

Year of production : 1986 Year

## PARAMETERS

Spindle extension : 400 mm

Weight drill : 3900kg

## ADDITIONAL INFORMATIONS :

- ✓ Diameter of the spindle nose : 80mm
- ✓ Flange diameter spindle sleeve : 125mm
- ✓ Maximum axial force of the spindle : 20kN
- ✓ Maximum torque on the spindle : 400Nm

Exemplary details :



# PLANER MILLING MACHINE

Producer :

**POREBA**

Model :

**FBC 90**

Year of production :

**1959 Year**

## PARAMETERS

travel spindles :

**200 mm**

Working space :

**1200 x 1000 x 4000 (mm)**

## ADDITIONAL INFORMATIONS :



Spindle speed range : 47,5-600 spin / min



Table dimensions : 3000 x 900 mm



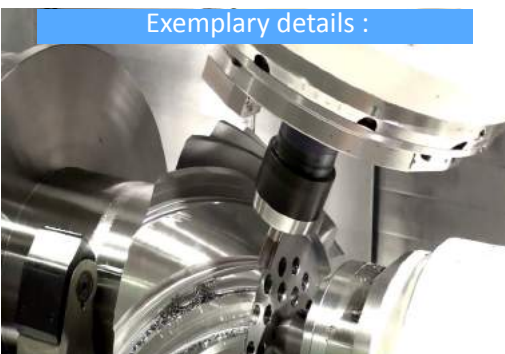
Range of working feeds : 10-500 mm/min



Rapid traverse : 1600 mm/min



Exemplary details :



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# CNC GRINDER



Producer :

**MICROMAT**

Model :

**KOORDYNATKA 6S**

Year of production :

**1988 Year**

## PARAMETERS

Weight :

**4 500 kg**

Working space :

**1114 x 714 x 630 (mm)**

## ADDITIONAL INFORMATIONS :



Positioning accuracy : 0,003 mm



Engine power : 5 kW

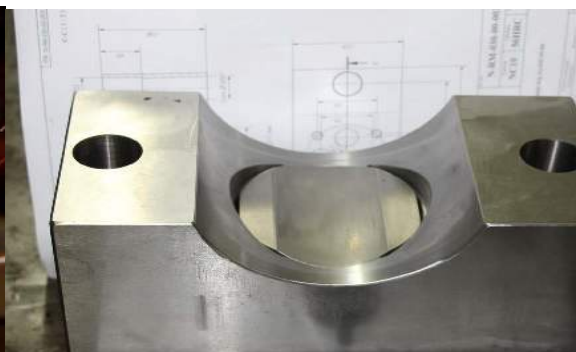
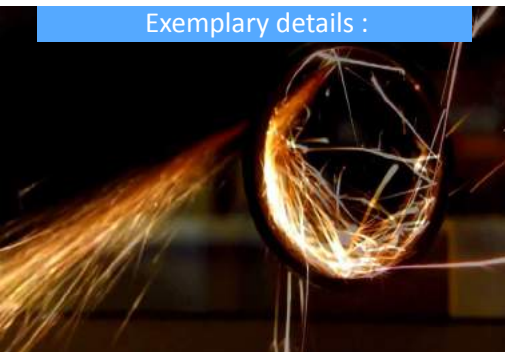


Base plate of the table : 630 x 1 000 mm



Max internal grinding diameter : 250 mm

Exemplary details :



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# WATER CUTTER

Producer :

**WATERJET**

Model :

**STREAMCUT 4121**

Year of production :

**2011 Year**

## PARAMETERS

Working range :

**2100 x 1100 mm**

Pump power :

**37kW (50KM)**

## ADDITIONAL INFORMATIONS :



Convenient mobile control panel



Stainless steel finishes



All drives protected from water



An independent, external cooling system

Exemplary details :



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