

# CNC machining Trcka

Dear business partners,

Let us in this way we offer our cooperation in the field lathe-turning and milled products. We realize the production of these programmable CNC machines bellow.

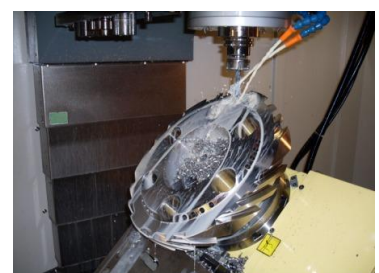


## Production possibilities:

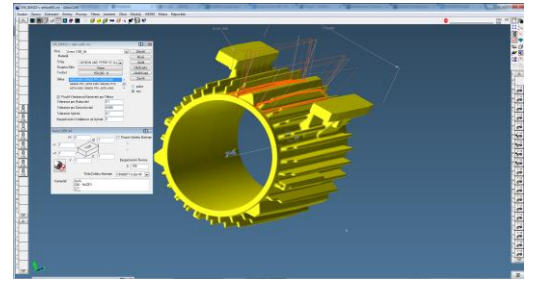
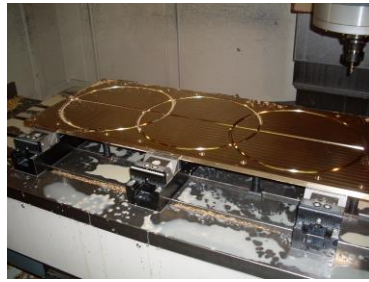
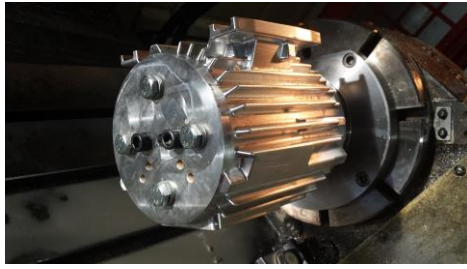
- CNC Turning up to a diameter 350 mm.
- 3 - axis CNC 3D milling. Including general complex surfaces.
- 4 - axis rotary CNC milling
- CNC drilling and milling operations.
- Production of casting moulds for sand casting.
- All with full support of CAD / CAM system.
- We can design digital data such as 2D/3D drawings.
- Prototype production.
- Design activities (Autodesk Inventor, AutoCAD).

## We can also provide:

- Heat treatment and chemical-heat treatment.
- Surface treatment of metals
- Production products of cast iron and ductile iron.
- Production of gearing.
- Grinding.
- Other on request.



# CNC machining Trcka



## **3-axis and 4-axis vertical milling CNC machines:**

### **MCV750**

axis range:

speed range:

control CNC system:

**producer - Kovosvit-MAS**

X - 750 mm

Y - 500 mm

Z - 500 mm

10000 rpm

FANUC 21TB

### **BM 1200**

axis range:

add rotary axis

speed range:

control CNC system:

**producer - AWEA Mechatronic**

X - 1200 mm

Y - 600 mm

Z - 600 mm

A - 360°

8000 rpm

FANUC Oi-MC

### **BM 1200**

axis range:

add rotary axis

speed range:

control CNC system:

**producer - AWEA Mechatronic**

X - 1200 mm

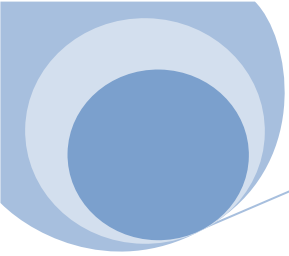
Y - 600 mm

Z - 600 mm

A - 360°

8000 rpm

FANUC Oi-MD



## CNC machining Trcka

### **DMN 500**

axis range:

add rotary axis

speed range:

control CNC system:

**producer - DOOSAN Infracore**

X - 1020 mm

Y - 540 mm

Z - 510 mm

A - 360°

12000 rpm

FANUC i-series

### **Horizontal CNC turning machines:**

#### **PUMA 240C**

max. turning diameter:

max. turning length:

max. rod diameter:

speed range:

control CNC system:

**producer - DOOSAN Infracore**

350 mm

500 mm

79 mm

3500 rpm

FANUC Oi

#### **LYNX 220**

max. turning diameter:

max. turning length:

max. rod diameter:

speed range:

control CNC system:

**producer - DOOSAN Infracore**

320 mm

350 mm

55 mm

4000 rpm

FANUC i series

#### **LYNX 220 LC**

max. turning diameter:

max. turning length:

max. rod diameter:

speed range:

control CNC system:

**producer - DOOSAN Infracore**

320 mm

525 mm

65 mm

4000 rpm

FANUC Oi-TC

#### **LYNX 220 LC**

max. turning diameter:

max. turning length:

max. rod diameter:

speed range:

control CNC system:

**producer - DOOSAN Infracore**

320 mm

525 mm

65 mm

4000 rpm

FANUC Oi-TC

#### **TNC 350**

max. turning diameter:

max. turning length:

max. rod diameter:

speed range:

control CNC system:

**producer - CNC-TEAM**

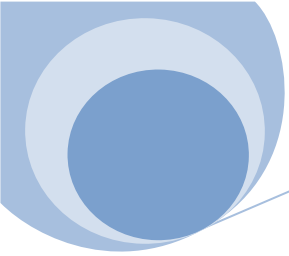
350 mm

200 mm

65 mm

4000 rpm

FANUC O-T



## CNC machining Trcka

### **Tornado A50**

max. turning diameter:	200 mm
max. turning length:	450 mm
max. rod diameter:	40 mm
speed range:	4500 rpm
rod feeder:	max. turning diameter 40 mm
control CNC system:	FANUC 21-T

### **MT-52S.MT-52L**

Note: two chucks and driven tools

max. turning diameter:	300 mm
max. turning length:	600 mm
speed range:	4800 rpm
control CNC system:	FANUC OT-C

### **TMC-20**

max. turning diameter:	220 mm
max. turning length:	300 mm
speed range:	4500 rpm
control CNC system:	FANUC 10 TE

### **MS-SL1**

max. turning diameter:	100 mm
max. turning length:	250 mm
speed range:	4000 rpm
control CNC system:	FANUC 6t

### **BNC34C2**

max. turning diameter:	200 mm
max. turning length:	185 mm
speed range:	6000 rpm
control CNC system:	FANUC OT

### **TAKAMAZ XC-100**

max. turning diameter:	180mm
max. turning length:	175 mm
speed range:	4500 rpm
<u>control</u> CNC system:	FANUC Oi-TD

(This CNC machine has automatic loader for parts. This CNC machine is designed for large series production.)

### **TAKAMAZ XC-100**

max. turning diameter:	180mm
max. turning length:	175 mm
speed range:	4500 rpm
<u>control</u> CNC system:	FANUC Oi-TD

(This CNC machine has automatic loader for parts. This CNC machine is designed for large series production.)

# CNC machining Trcka

## **TAKAMAZ XD-8**

max. turning diameter:

max. turning length:

speed range:

control CNC system:

(This CNC machine has automatic two loaders for parts. This CNC machine is designed for large series production.)

**producer – TAKAMAZ - JAPAN**

180mm

175 mm

7000 rpm

FANUC Oi-TC

## **LNC 42**

max. turning diameter:

max. turning length:

speed range:

control CNC system:

**producer – LICO MACHINERY CO., LTD**

250 mm

200 mm

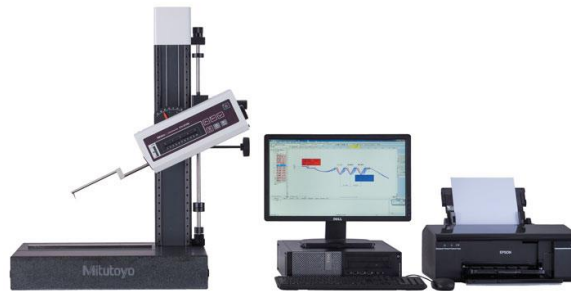
5000 rpm

SIEMENS

### **The quality of our products**

Our company has ISO 9001:2009 certificate in precision machining. Our production is controlled by MOM software to ensure full traceability of information of the course, status and history of production. The circulation of documentation is controlled by barcodes and documentation is archived for any requests by clients. We ensure material attestations and can provide our clients with all protocols concerning product quality.

Contour measurement is performed on a completely new contour measurer Mitutoyo CV-2100.



At your request, and after delivery of the documents, we are happy to process a particular commercial offer for any quantity of products.

Best regards

Antonin Trcka  
Ostravice, The Czech Republic  
October 2014



# Certificate



Systemové certifikace s.r.o., an accredited management systems certification authority, No. 3209, confirms that the company



**CNC obrábění Trčka**

**Antonín Trčka**

*Ostravice 648, 739 14 Ostravice  
company ID: 120 90 000*

was checked and met the requirements for a quality control management system according to

**ČSN EN ISO 9001:2009**

for this field:

***Precisely CNC machining***

Registration certificate number: SC12 296/R1

Validity of certificate: 4. 9. 2013 – 31. 8. 2015

Date of the certificate: 4. 9. 2013



  
Ivana Füssyová  
Head of the certification authority



Systemové certifikace s.r.o., Mostárenská 1140/48, 706 02 Ostrava – Vítkovice  
tel.: +420 722 231 115, e-mail: info@systemovecertifikace.cz, www.systemovecertifikace.cz

systemové certifikace s.r.o.

systemové certifikace s.r.o.

systemové certifikace s.r.o.

systemové certifikace s.r.o.

systemové certifikace s.r.o.

systemové certifikace s.r.o.