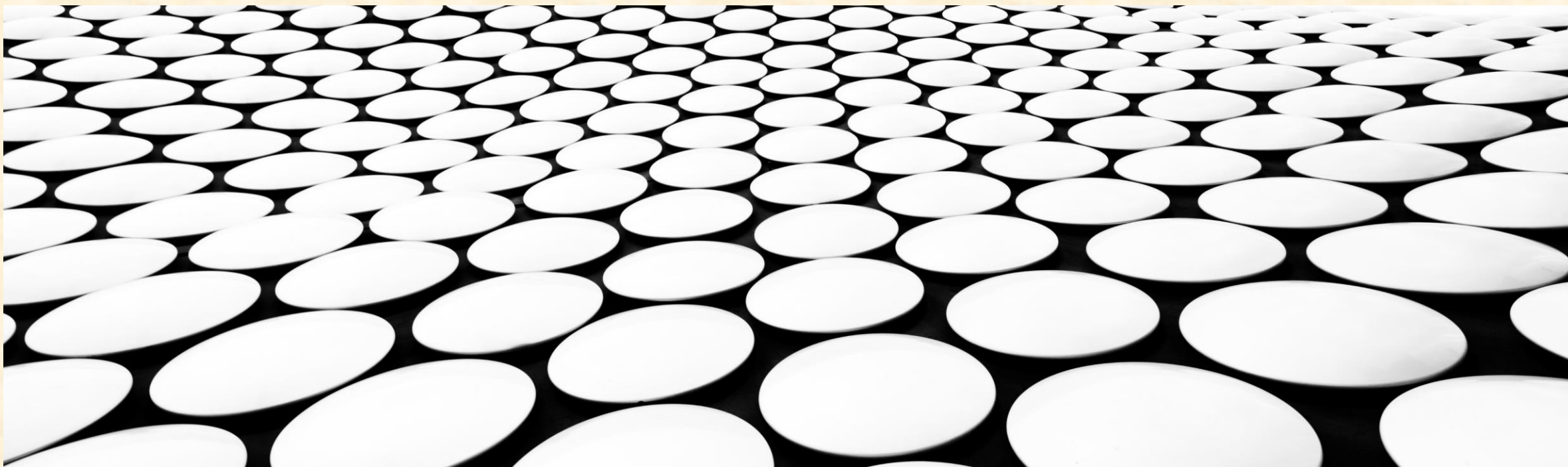


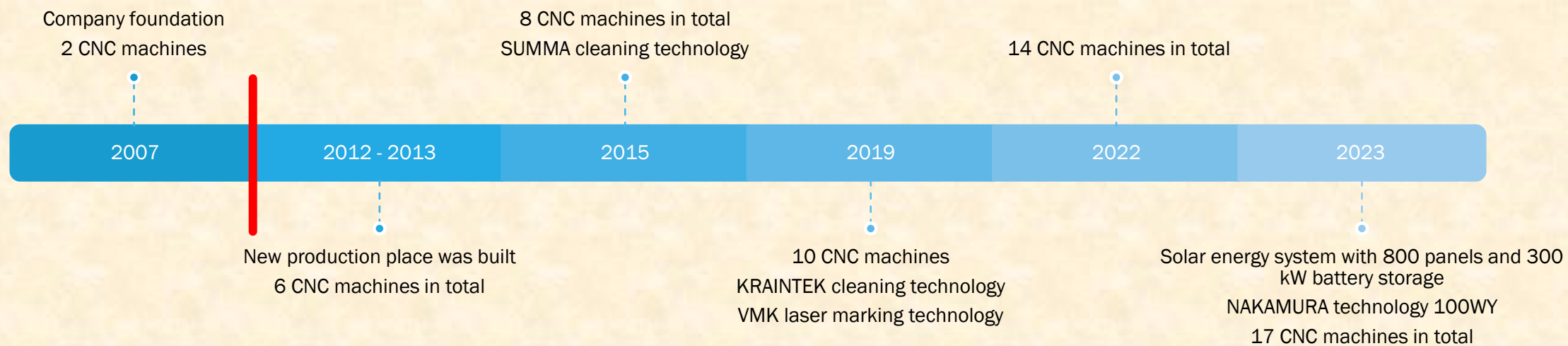


COMPANY PRESENTATION

ŠIMŮNEK, S.R.O.



I. HISTORY



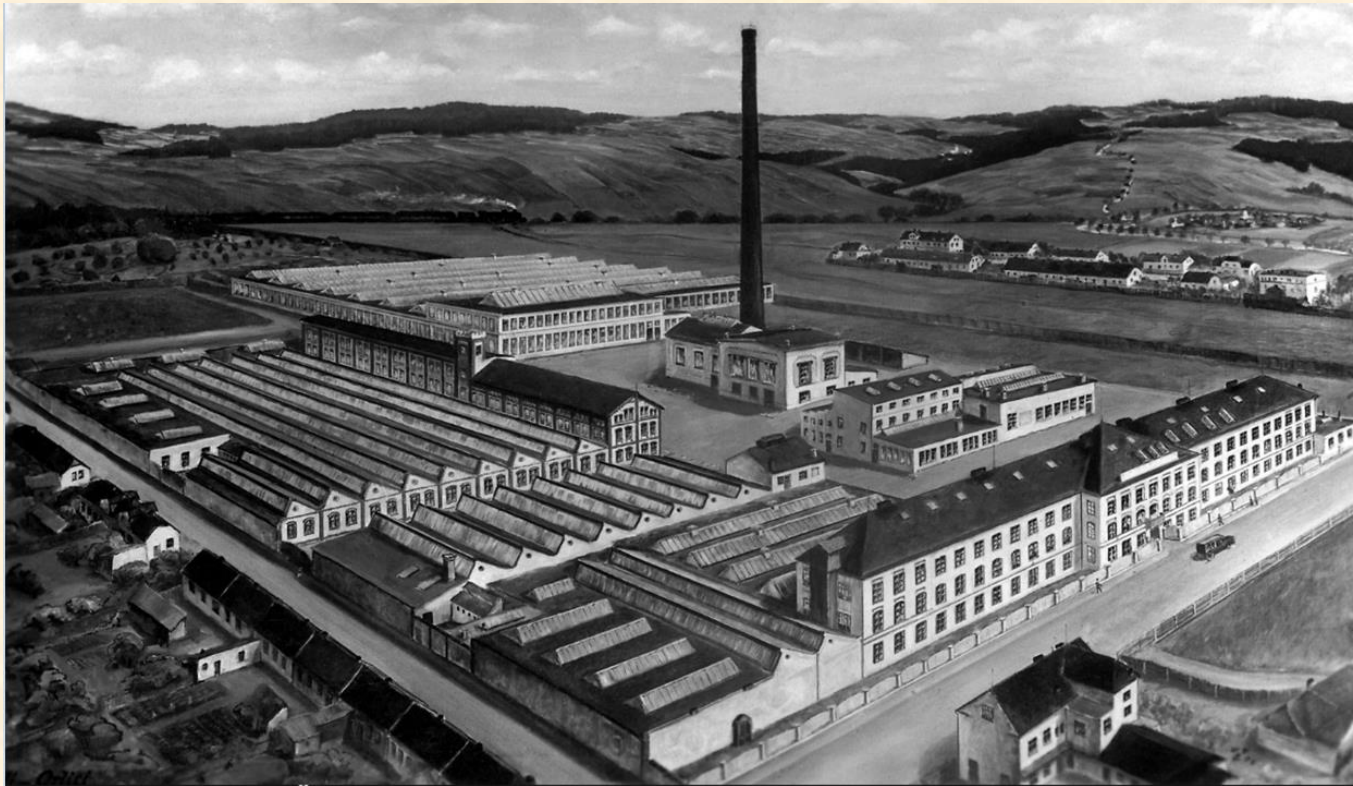
I. HISTORY



I. HISTORY – THE BEGGINING 2007



I. HISTORY – LEGACY



- Firma Pollak, 1901

I. HISTORY – LEGACY



- Firma POLLAK, 1926

I. HISTORY – NEW BEGGINING 2012



■ Areál PERLA, 2006

I. HISTORY – LEGACY



- Firma Šimůnek, s.r.o., 2024

I. HISTORY – THE NEW BEGGINING 2012 / HARD WORK



I. HISTORY – THE NEW BEGGINING 2012 / HARD WORK



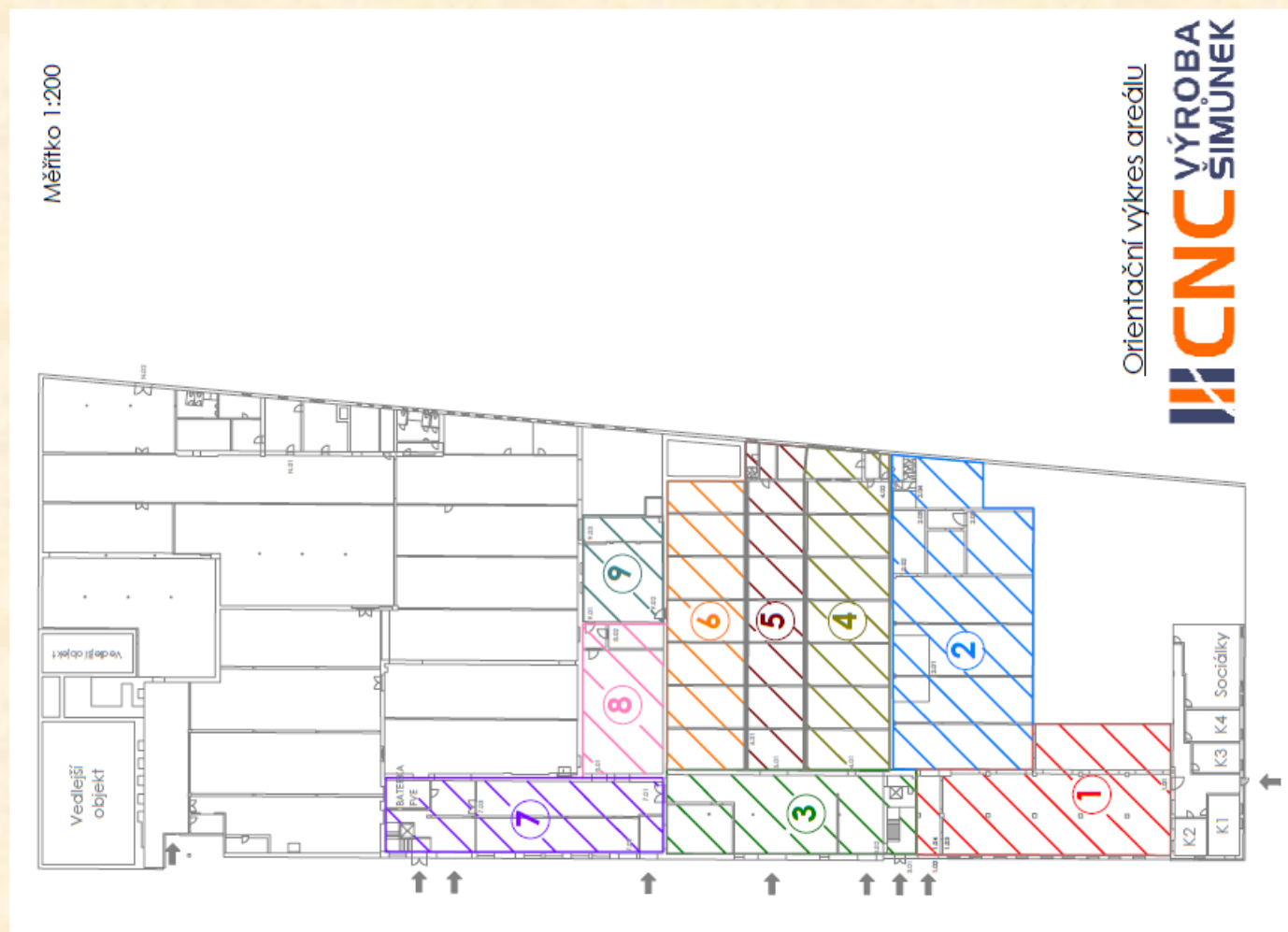
I. HISTORY – THE NEW BEGGING 2014



I. HISTORY – TILL TODAY



I. HISTORY – TILL TODAY



5000 m2 used

I. HISTORY/FUTURE

6200 m² ready to be used !!

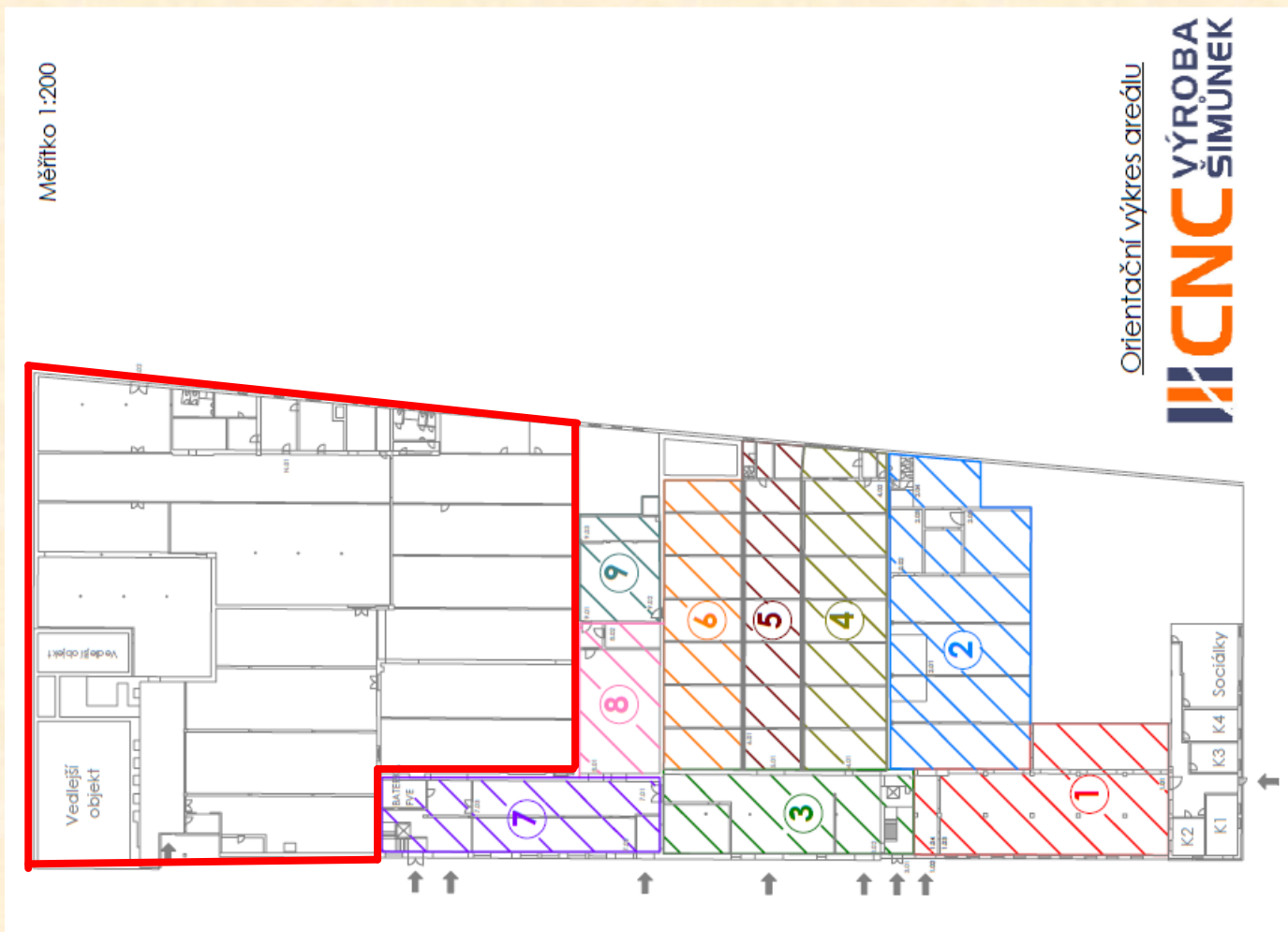
Nearest future:

- 1) *Reconstruction of usable area
(roofs, floors, heating)*
- 2) *Reconstruction of second floor
(dining hall, offices)*
- 3) *Investment into new machines:*

3.1) speed swiss type turning
machines for brass

3.2) more spindle turning
machine

3.3) 5 – axis high speed
milling machine



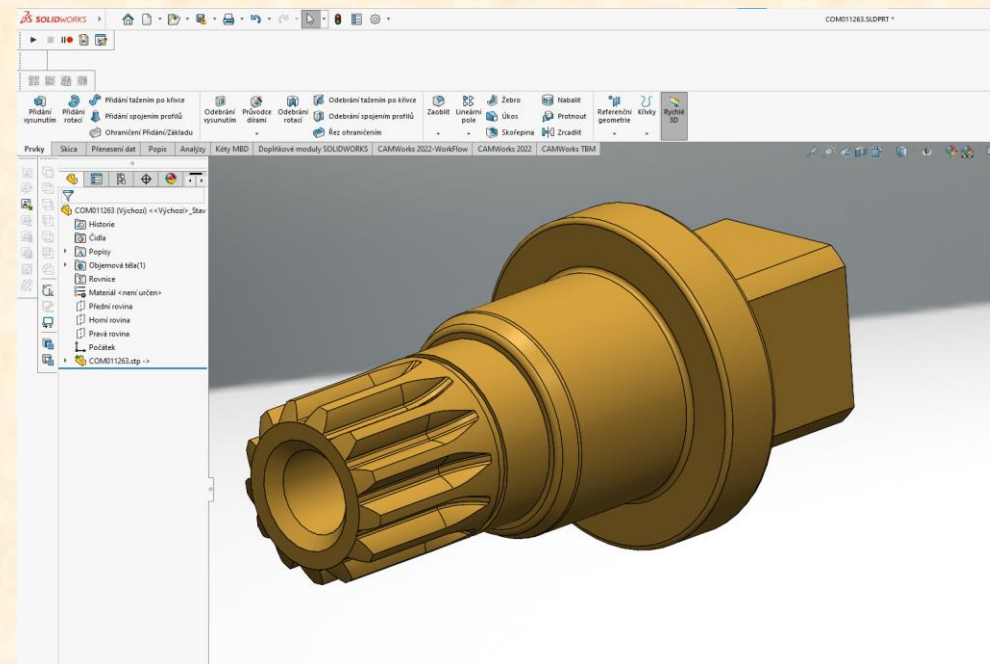
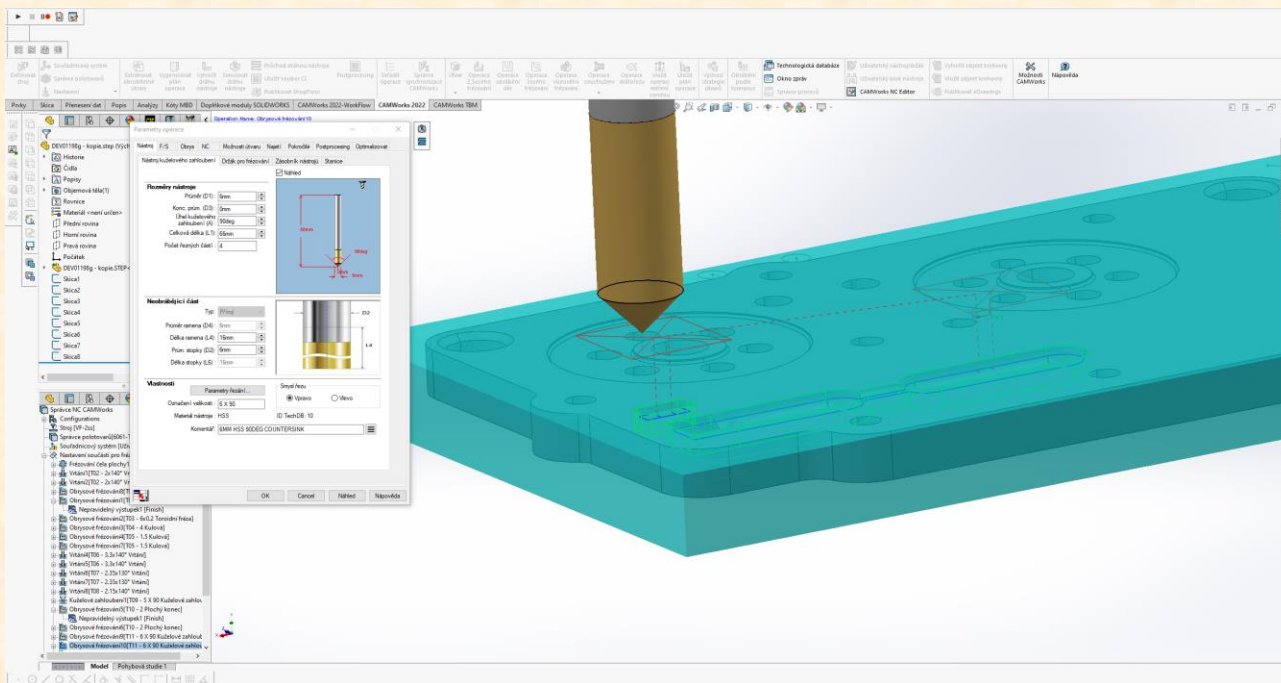
II. WHAT WE OFFER

- Primarily we specialize in small and medium-sized serial production of precision parts according to customer project documentation mostly from steel, stainless steel, brass and aluminium alloys
- We are small dynamic company with possibility of grow in our own place of 4000m², using modern ERP system and production technologies
- Our satisfied customers are OEM companies producing:
 - Gas control equipments
 - Hydraulic systems
 - Industrial valves
 - Pressure vessels
 - Firefighting equipments
 - Tooling systems

III. TECHNOLOGICAL CAPABILITIES

■ III.1) CAD, CAM software

- We use 3 CAD SOLIDWORKS licences and 2 CAM licences for technological preparation of production



III. TECHNOLOGICAL CAPABILITIES

■ III.2) Turning

■ III.2.1) Multi - spindle Swiss type machines with feeder for 3m bars

- 4x JSL 20 CNC machines, maximum turning diameter 20mm

technical data: <https://www.stcom.cz/cs/prodej-stroju/dlouhotocne-automaty/jsl-20ab>

- 7x JSL 32 CNC 32 machines, maximum turning diameter 32 mm

technical data: <https://www.stcom.cz/cs/prodej-stroju/dlouhotocne-automaty/26ab-32ab-42ab>

- 2x JSL 42 machines, maximum turning diameter 42 mm

technical data: <https://www.stcom.cz/cs/prodej-stroju/dlouhotocne-automaty/jsl-42aby>

III. TECHNOLOGICAL CAPABILITIES

III.2.1) Multi - spindle Swiss type machines with feeder for 3m bars



III. TECHNOLOGICAL CAPABILITIES

- **III.2) Turning**
- **III.2.2) CNC lathes with live tools and Y-axis, with feeder for 1m bars**
 - **1x MORI SEIKI NL 2500SY/700,**
maximum turning diameter 356mm,
maximum length 700mm,
maximum rod diameter through the spindle 75 mm
 - **1x MORI SEIKI NL 2500MC/700,**
maximum turning diameter 356mm,
maximum length 700mm,
maximum rod diameter through the spindle 75 mm



III. TECHNOLOGICAL CAPABILITIES

■ III.2) Turning

■ III.2.3) CNC lathe with driven tools and Y axis with feeder for 3m bars

■ 1x CNC two turret lathe NAKAMURA WY - 100 II

maximum machining diameter 175 mm,

maximum rod diameter through the spindle 42 mm

technical data:

<https://www.haascnc.com/cs/machines/vertical-mills/vf-series/models/small/vf-2ss.html>



III. TECHNOLOGICAL CAPABILITIES

■ III.4) Milling

- 1 CNC milling machine HAASVF 2 SS

X, Y, Z travels : 762mm, 406mm, 508mm

technical data:

<https://www.haascnc.com/cs/machines/vertical-mills/vf-series/models/small/vf-2ss.htm>



III. TECHNOLOGICAL CAPABILITIES

■ III.5) Milling

- 1 CNC milling 5 – axis machine DMC 75 MonoBlock + interpolation turning option

X, Y, Z travels : 750mm, 650mm, 560mm

Max. workpiece dia. 840 mm // 600 kg

technical data:

<https://cz.dmgmori.com/produkty/stroje/frezovani/petiose-frezovani/monoblock/dmu-75-monoblock-2nd>



III. TECHNOLOGICAL CAPABILITIES

■ III.6) Cleaning technologies

- 1x drum cleaning machine SUMMA 600

technical data:

https://www.summa.cz/wp-content/uploads/2020/03/WIR_4H_cz_ru_en.pdf

- 1x ultrasound cleaning machine KRAINTEK

technical data:

<https://www.kraintek.cz/ultrazvukove-linky-kompaktni-s-otacenim-kosu>



III. TECHNOLOGICAL CAPABILITIES

- **III.7) Marking technology**
 - 1x CNC marking station Laser VMK



III. TECHNOLOGICAL CAPABILITIES

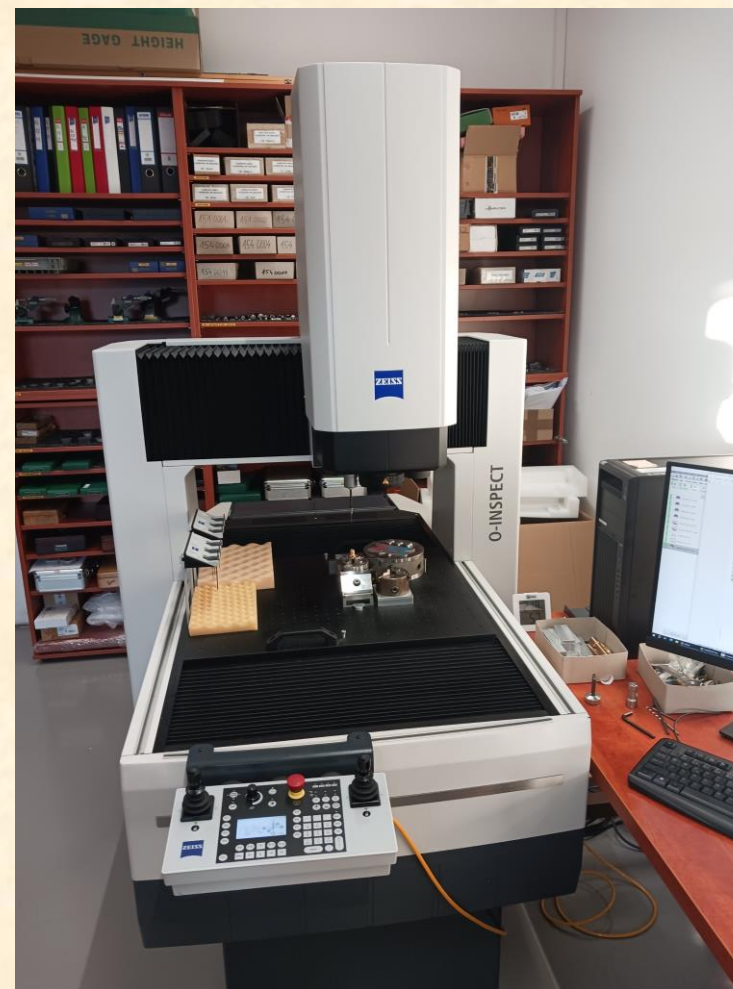
- **III.8) Assembly**
 - station for small mechanical assembly groups



III. TECHNOLOGICAL CAPABILITIES

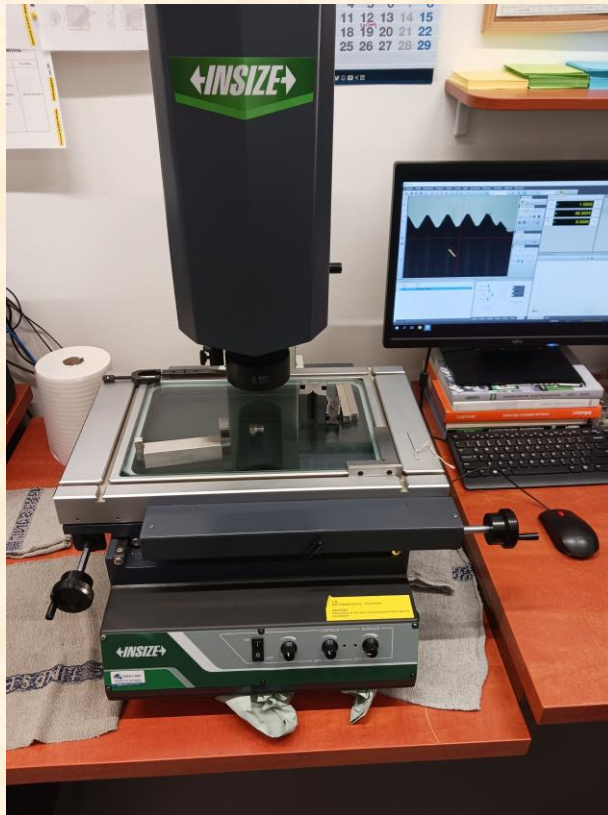
■ III.9) Control

- equipment for final and interoperational control
- 1x 3D measuring station ZEISS INSPECT
- 2x optical measuring station INSIZE
- many different digital nad mechanical measuring gauges



III. TECHNOLOGICAL CAPABILITIES

■ III.9) Control - photos



III. TECHNOLOGICAL CAPABILITIES

- **III.10) Storage of the parts**
 - suitable space for all parts storage of our customers
 - We deliver just in time in requested ammount and package



III. TECHNOLOGICAL CAPABILITIES

- **III.11) Surface threatement, Thermal threatement**
 - We dispose of many agreed suppliers of several surface and thermal threatements requested by our customers

IV. REFERENCES

- SOLERO (KENDRION)
- ASSA ABBLOY (GCE PP)
- ARGO – HYTOS
- ABNER
- ERLINGKLINGER
- ECOS a.s.
- SIEMENS AG (OEZ PP)
- URBANISTO
- Armaturenfabrik Franz Schneider GmbH

V. CERTIFICATES

- We are holdes of ISO 9001:2015 and ISO 14001: 2015 certificates

