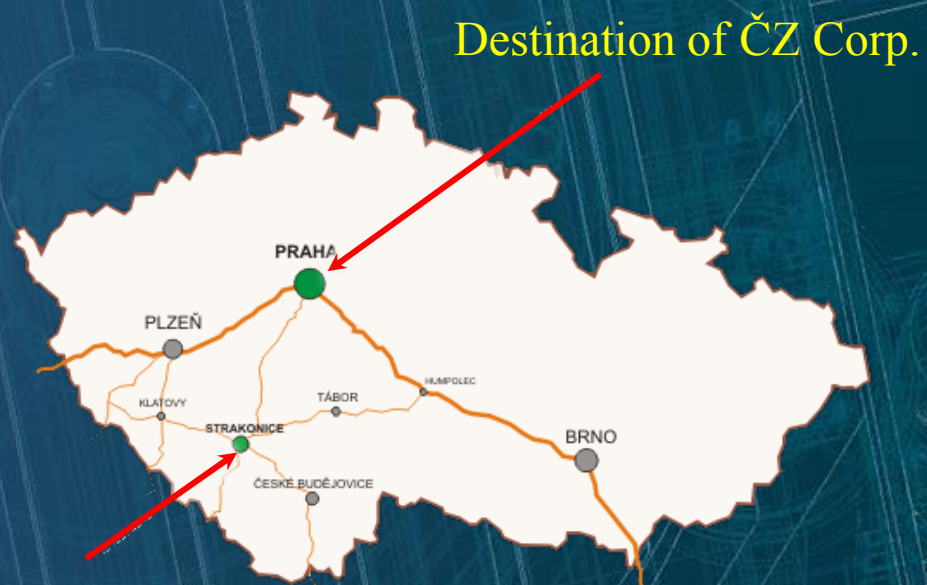




ČZ Strojírna Ltd.

Location in Europe



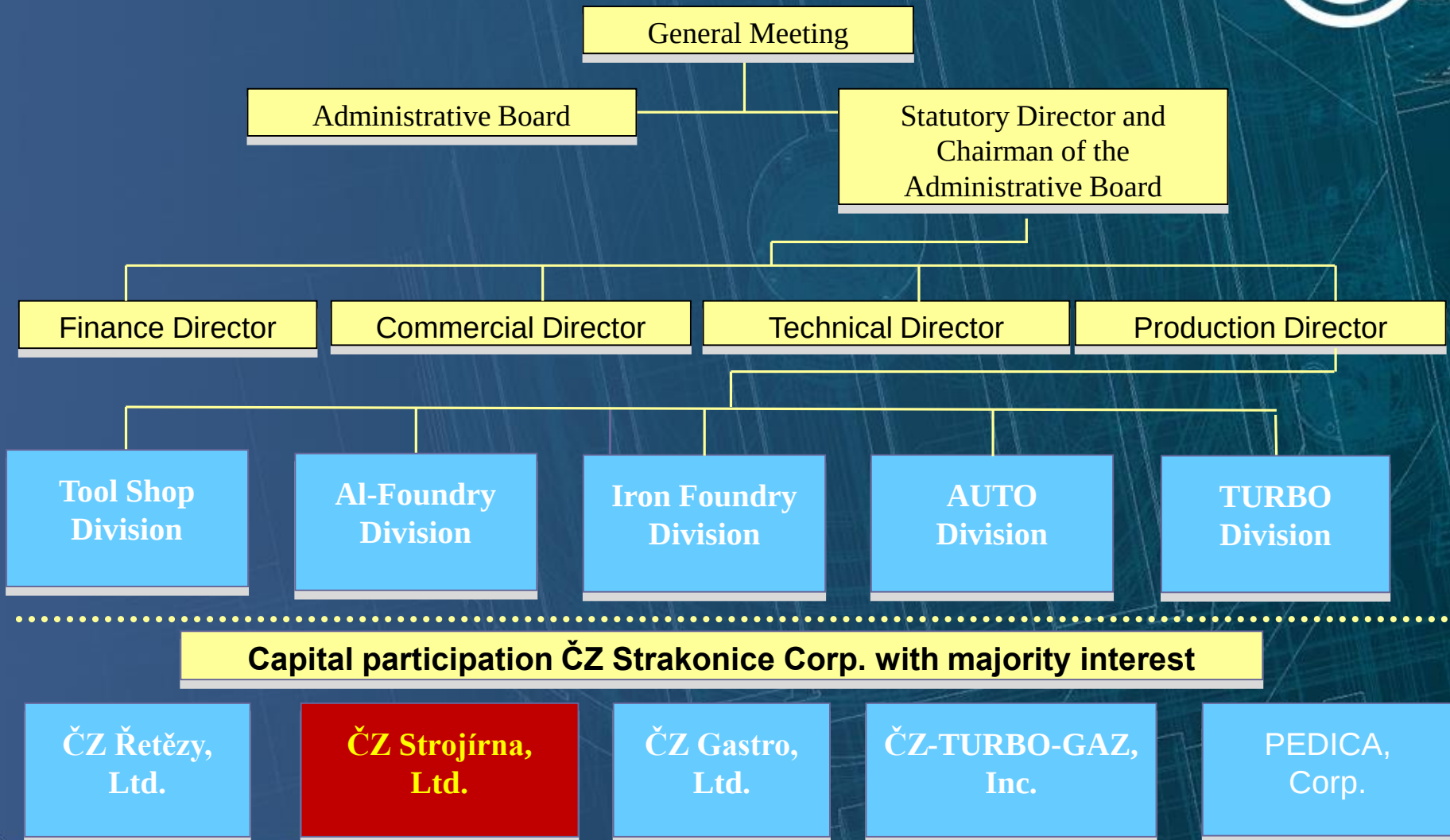
ČZ Strojírna Ltd.
Tovární 202
386 01 Strakonice
Czech Republic

History of ČZ Corp.

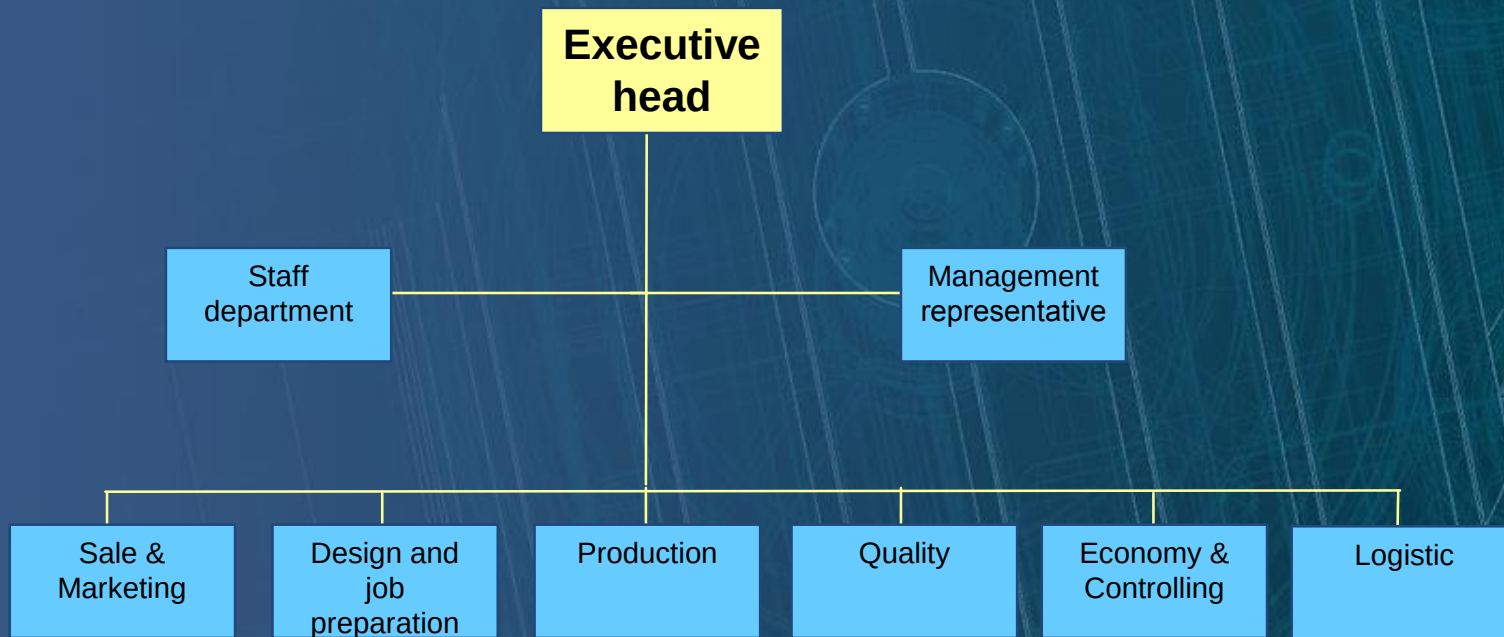


- **1919** **Founded and named Jihočeská zbrojovka**
- **1923** **Original production – small arms**
- **1930** **Production of bicycles**
- **1931** **Production of chains**
- **1934** **Production of tools and special working machines**
- **1935** **Production of motorcycles**
- **1954** **Production of castings**
- **1981** **Production of turbochargers**
- **1988** **Production of gearboxes for Škoda-VW passenger cars**
- **1993** **Privatisation of the company – ČZ Strakonice Corp.,
Subcompany ČZ Strojírna Ltd. origin**

Organizational Chart of ČZ Corp.



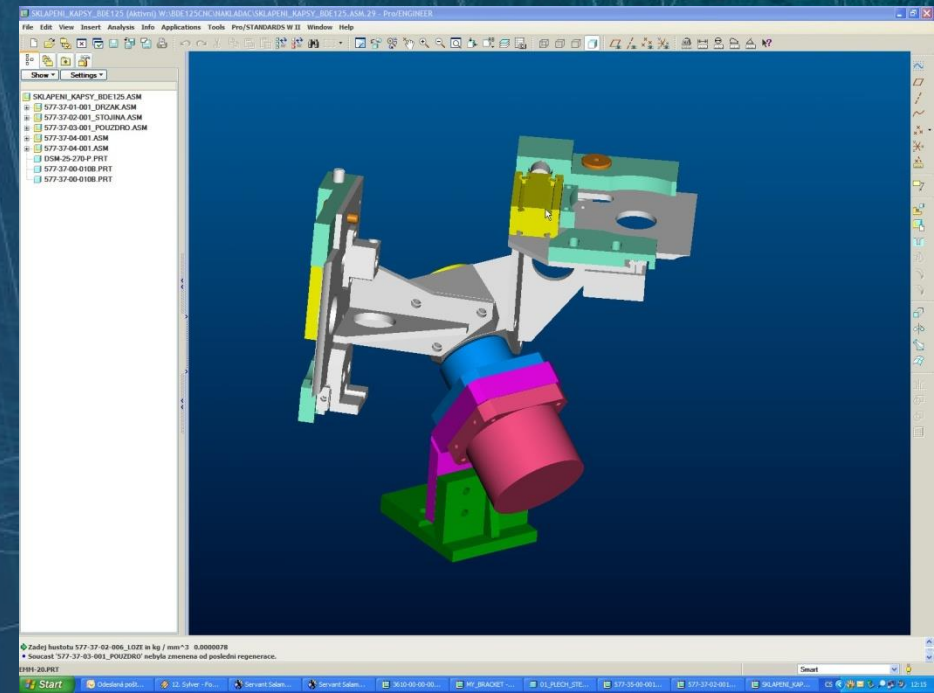
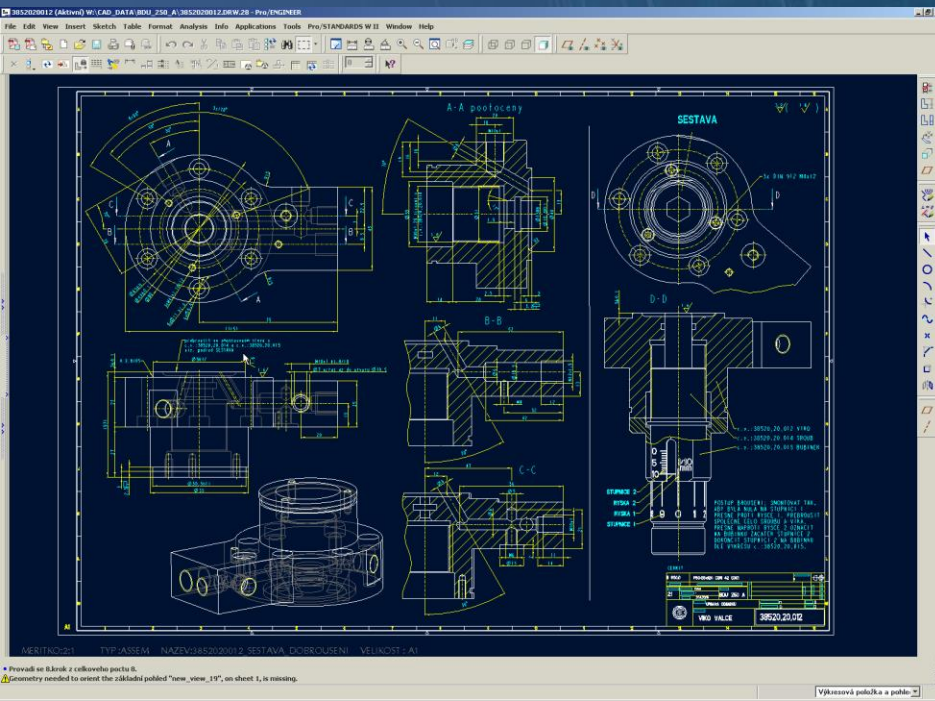
Organizational Chart ČZ Strojírna



Information systems



- SAP R/3 – FI, CO, AM, SD, MM (Hewlett Packard)
- Local system – SYSSKLAS, PC Fand, etc.
- CAD – Pro/Engineer, AutoCAD
- MS OFFICE, Open Office



Production Program



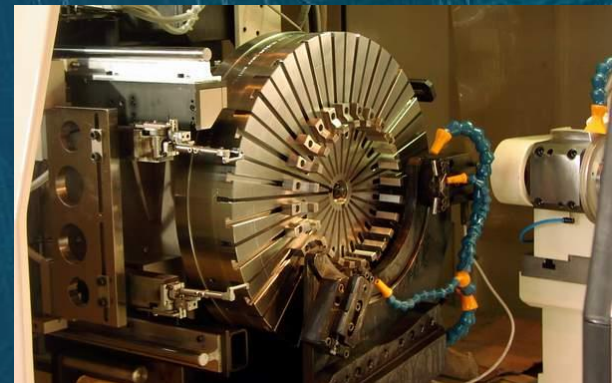
- Internal grinding machines
- External grinding machines
- Special and glass grinding machines
- Spot facing machines (one and two-side grinding centre)
- Special single purpose machines (deep hole drilling machines, etc.)
- Belt and electrical grinding spindle
- Retrofit and overhauling of machines



Production Program



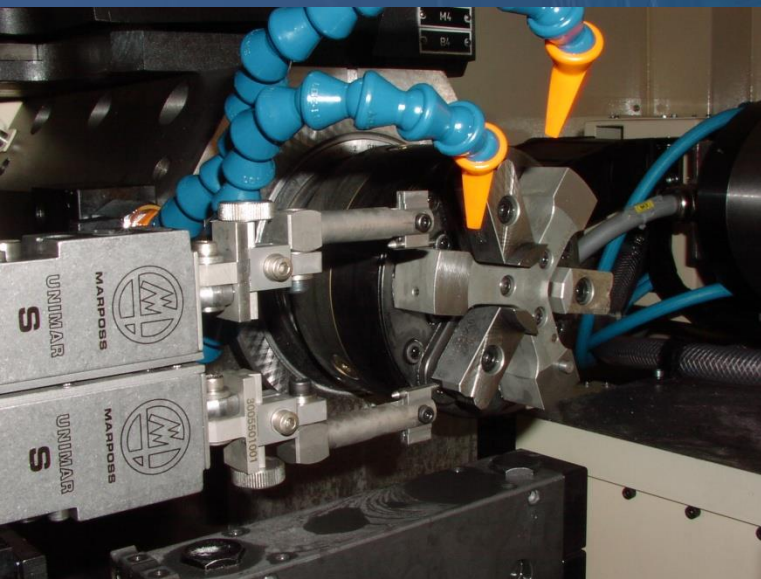
- Internal grinding machines
 - Automatic machine BDE 125 CNC
 - Automatic machine BDE 150 CNC
 - Automatic machine BDE 200 CNC
 - Automatic machine BDA 100 CNC
 - Univerzal machine BDU 300/600 CNC
 - Univerzal machine BDU 300/1500 CNC
 - Automatic machine BDA 300 CNC
 - Automatic machine BDA 400 CNC



Production Program



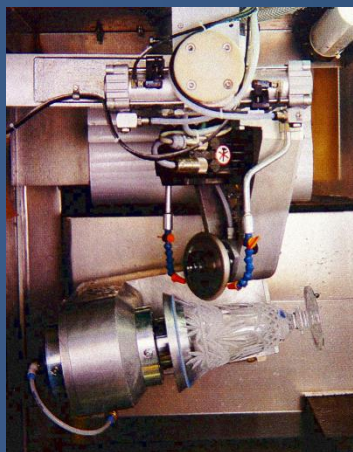
- External grinding machines
 - BHA 150/500 CNC
 - BHA 75 CNC
 - BHA 150 DUO CNC



Production Program



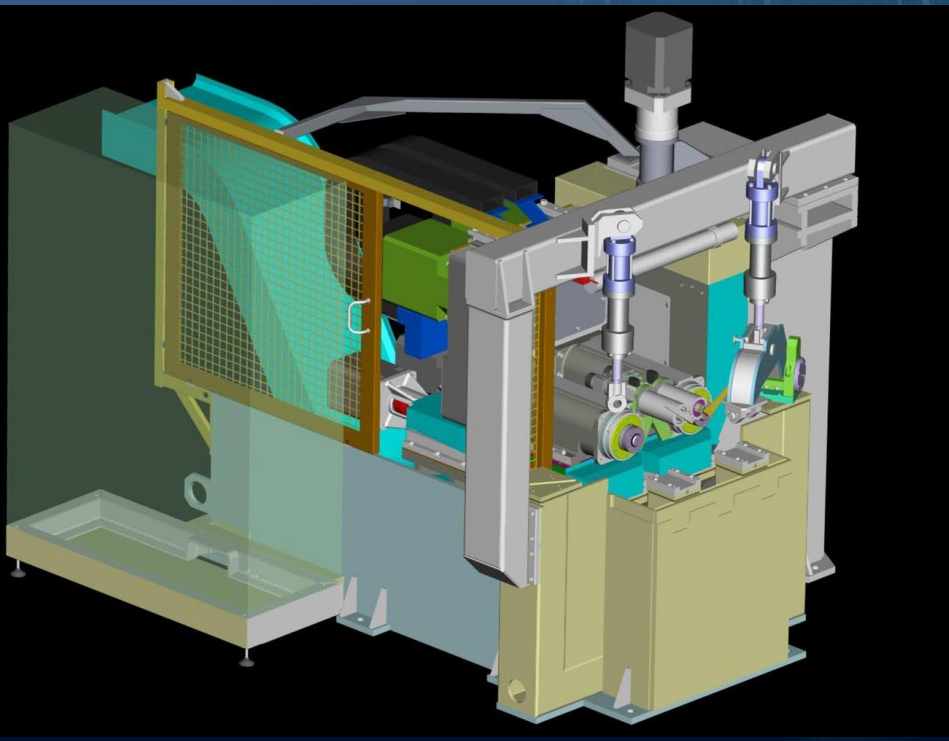
- Special and glass machines
 - Glass five-axis grinding machines – multiplace BS (05, 06) for grinding of irregular faces with the manual work simulation (random errors)
 - BE 40H CNC – grinding of small holes (injection jet bodies)
 - BE 41 CNC – grinding of plane faces (injection jet body faces)
 - BE 42 CNC
 - Special grinding machines according to customer's demand



Production Program



- Spot facing machines
 - ČZ 111-NC-1200-A – horizontal double grinding machines
 - WHJN 2 – horizontal one-side deburring machines (double spindle)
 - Machine design is always according to customer's demand



Production Program



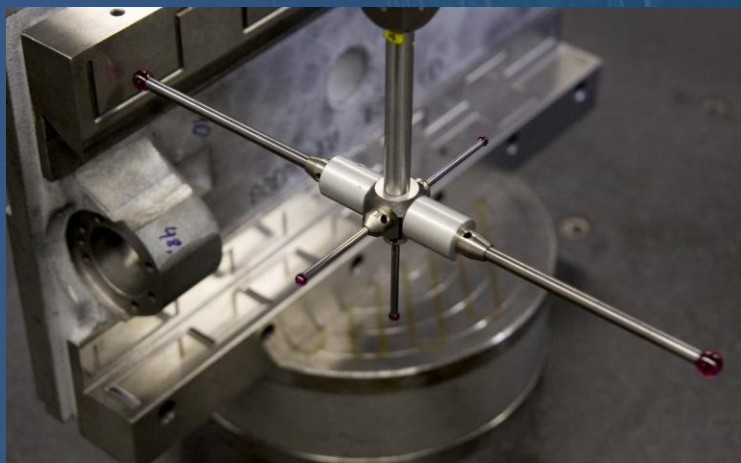
- Grinding spindle
 - **Belt spindle – max. revolutions 60 000 rpm.**
 - IBCA – type with exchange grinding wheel extensions
 - IBEA – tapered shaft end with wheel which is bigger than the diameter of the body
 - IBBA – spindles lengthened shaft
 - IBDA – spindles with tapered shaft end and body shoulder



Quality Control



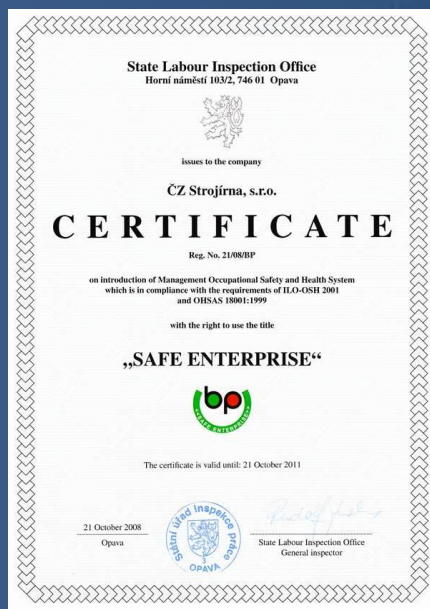
- Quality control is according to ISO dle ISO 9001 / 2000
- Component control attend to the modern three-coordinate measuring machine Zeiss UMC 850 which belongs to the most exact in this class



Certification



- ČZ Strojírna Ltd. is certificate holder
 - Quality control system ISO TÜV 9001
 - EMS ISO TÜV 14 001
 - SAFE ENTERPRISE



ČZ Strojírna Ltd. offers to you



- Professional approach
- Top quality
- Original technical solution on your demand
- Qualified team of experts
- Own design team
- Very short duration of contract

References

Internal grinding machines



- **MOTORPAL, Jihlava, CZ**, production for BOSCH valve (tot. 20 machines)
 - Machine: BE40ACNC
 - Machine: BDA120CNC
 - Machine: BDE125CNC
 - Machine: BDL125CNC
- **ŠKODA AUTO, Mladá Boleslav, CZ (Volkswagen Group)**
 - Machine: BDE125CNC – 3 pcs
- **CZ Strakonice, CZ**
 - Machine: BDU250CNC
- **KINEX, Bytča, SK**
 - Machine: BDL125CNC - 3 pcs
- **MOSER INDUSTRIES, Republic of South Africa**
 - Machine: BDU250A - 3 pcs

References

Internal grinding machines



- **Kovosvit/ MAS, Sezimovo Ústí, CZ**
 - Machine: BDU300/1500CNC
- **NZTA Noginsk, Russia**
 - Machine: BE40ACNC - 3 pcs
- **TOYOTA TSUSHO, Deutschland / DENSO Production - Hungary**
 - Machine: BE40HCNC - 2 pcs
- **SLB s.r.o. Brno, CZ**
 - Machine: BDA 300 CNC
- **ZKL s.r.o. Brno, CZ**
 - Machine: BDA 300 CNC - 2 pcs

References

External grinding machines



- **ZKL s.r.o. Brno, CZ**
 - Machine: BDA 400 (2 pcs)
- **Koyo Olomouc, CZ**
 - Machine: modernisation of machines ALS 1
- **INA Werk Schaeffler KG, Germany**
 - Machine: different types of machines (74 pcs)
- **MOTORPAL, Jihlava, CZ**
 - Machine: BE41CNC - 3 pcs
- **MOTORPAL, Jihlava, CZ**
 - Machine: BE41V CNC - 1 pc

References

External grinding machines



- **CZ Strakonice, CZ**
 - Machine: BHA150/500CNC – 2 pcs
 - Machine: Fortuna – FM 334 S 500 AR 45 - 2 pcs
- **TOYOTA TSUSHO EUROPE**
 - Machine: OVERBECK 600R CNC
 - Machine: BHA 75 CNC
- **FAG – Kugelfischer, AG, Schweinfurt, Germany**
 - Machine: TOF – 12 pcs (modernization)
- **INA – Schaeffler, KG, Herzogenaurach, Germany**
 - Machine: PGE 10/150 CNC – 12 pcs (modernization)

References

Glass grinding machines



- **Waterford Crystal, Ireland**
 - Machine: BS06 - 5 pcs
 - Decorative grinding of glass
- **Baccarat, France**
 - Machine: BS04 - 2 pcs
 - Decorative grinding of vases
- **PROGLAS Engineering, Germany**
 - Machine: BS06 - 8 pcs
 - BS05 - 3 pcs
 - Decorative grinding of glass

References

Spot facing machines



- **Louisville Forge, USA**
 - Machine: EM122QSNC800A - 1 pc
- **Imatra Kilsta, Sweeden**
 - Machine: EM233QSNC1600L - 1 pc
- **JaeTech, USA**
 - Machine: EM111NC800A - 4 pcs
- **CZ Strakonice, CZ**
 - Machine: EM111NC800A - 1 pc
- **SYSMA Antriebstechnik, Germany**
 - Machine: EM121QSNC800A - 1 pc

References

Spot facing machines



- **METALDYNE, USA**
 - Machine: EM111800AHY - 2 pcs
- **ŠKODA AUTO, Mladá Boleslav, CZ**
 - Machine: CZ122QSNC800A - 3 pcs

Reference

Special single purpose machines



- **Bosch Diesel, s.r.o., Jihlava, CZ**
 - Machine: Five-axis drilling machine with automatic handling with work piece
- **CZ Strakonice, CZ**
 - Machine: KSK1250/10...2
- **HOB CerTec, Horní Bříza, CZ**
 - Machine: Single purpose machine for milling both ends of ceramic cylinder
- **SCHENCK RoTec, Darmstadt, Germany**
 - Machine: special soap machine - 6 pcs
 - Machine: special balancing machine - 8 pcs
 - Machine: special handling equipment - 5 pcs
- **CLAAS Fertigungstechnik, Germany**
 - Machine: large capacity storage for tools - 2 pcs

Reference

Special single purpose machines



- **ŽĐAS Žďár, CZ**
 - Machine: Special lathe for shafts ends in metallurgical line – 11 pcs
- **SMS Meer, Italy**
 - Machine: HL 400-18 Rolling table – 6 pcs
- **Danieli, Italy**
 - Machine: Feeding machine for rolling table – 8 pcs
- **PCI, France**
 - Machine: Milling machine OP 10, OP 100, OP 200 for heads of motor Peugeot – 3 pcs
- **IWIS GmbH, Germany**
 - Machine: single-purpose machine for assembling of chains KM3

Reference

Deep hole drilling machines



- **UNI CZ, CZ**
 - Machine: AJN75.P2 - 1 pc
 - Deep hole drilling of shafts
- **CZ Strakonice, CZ**
 - Machine: AJN110-P2 - 2 pcs
 - Deep hole drilling of gun barrels

Contacts



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