ČZ Strojírna Ltd.
Location in Europe

Destination of ČZ Corp.

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.

General Meeting

Supervisory Board

Board of Directors

Office of the General Director

General Director

Finance Director

Commercial Director

Technical Director

Production Director

Metallurgy Division

Iron Foundry Division

AUTO Division

TURBO Division

Capital participation ČZ Strakonice Corp. with majority interest

ČZ Řetězy, Ltd.

ČZ Strojírna, Ltd.

ČZ Gastro, Ltd.

ČZ-TURBO-GAZ, Inc.

PEDICA, Corp.
Organizational Chart ČZ Strojírna

Executive head

Staff department

Management representative

Sale & Marketing
Design and job preparation
Production
Quality
Economy & Controlling
Logistic
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 9001 / 2000
- Component control attend to the modern three-coordinate measuring machine Zeiss UMC 850 which belongs to the most exact in this class
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

- ŽĎAS 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
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