



 KRÁLOVOPOLSKÁ, a.s.

 KRÁLOVOPOLSKÁ  
KOVÁRNA, s.r.o.

 KRÁLOVOPOLSKÁ  
SLÉVÁRNA, s.r.o.

 KRÁLOVOPOLSKÁ  
STEEL, s.r.o.

 **KOMPONENTY**



## PRODUCTION PORTFOLIO

Heat-transfer and pressure equipment for power industry, chemical, petrochemical and oil & gas:

- Shell&Tube Heat Exchangers
- Condensers
- Tube Bundles
- Reactors
- Columns
- Tanks & Pressure Vessels
- Separators & Filters
- High- and Low- Pressure Heaters
- Preheaters
- Collectors

Large steel structures of road and railway bridges, steel structures of special and heavy cranes and special weldments.

## QUALITY & CERTIFICATION

ISO 9001  
 ISO 14001  
 ISO 45001  
 ASME S, U, U2  
 AD2000-Merkblatt HP O  
 EN 1090-2:2018 (EXC3)  
 EN 3834-2:2006

## MATERIALS USED

- Carbon Steel
- Alloy Carbon Steel
- Stainless Steel
- Duplex / Super Duplex
- Cladded material
- Brass

## PRODUCTION POSSIBILITIES

**Diameter:** max. 5,500 mm  
**Length:** max. 50,000 mm  
**Weight:** max. 200 tons  
**Rolling:** max. 125 mm – THK of plate  
**Heat treatment:**  
 max: 2,800 x 2,800 x 15,000 mm  
**Paint shop:**  
 max: 7,500 x 7,500 x 35,000 mm  
**Non-destructive tests:** RT, UT, MT, PT  
**Destructive tests**

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## PRODUCTION PORTFOLIO

Forgings for energy, mining equipment, industrial gearboxes, ships, cranes, metal and mineral processing, and other materials:

- Turbine runners for hydro power plants, shafts, guide vanes, levers, covers, pistons
- Gear wheels and shafts
- Tubes, flanges, apparatus components
- Spindles, clamping elements, fasteners
- Special high-stress machine components
- Bodies, wedges, and other valve components
- Rotors, segment carriers, seals

## QUALITY & CERTIFICATION

ISO 9001  
 DNV-GL  
 ABS  
 TÜV Nord  
 PED  
 AD2000 WO  
 Bureau Veritas

## MATERIALS USED

- Carbon steels
- Low alloy steels
- High alloy steel
- Martensitic corrosion-resistant steels
- Austenitic corrosion-resistant steels
- Duplex and super duplex steels

## PRODUCTION POSSIBILITIES

**Forging:** hydraulic press max. 1,600 t, forgings up to 6,500 kg, Ø 1,600 mm, L 4,500 mm

**Heat treatment:**  
 gas and electric furnaces annealing, quenching (oil, water, air), max. 4,500 x 1,200 x 1,600 mm

**NDT:** UT, MT, PT, VT

**Conventional machining:**  
milling, drilling, turning, carousel turning

**CNC machining:**  
CNC lathes, CNC carousel lathes

**Material cutting:**  
bend saws max. 1,800 x 1,800 mm

**Steel stock:**  
options for storage, cutting, and selling of forged block sections and bars

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## PRODUCTION PORTFOLIO

Castings for power engineering, mining and cement industry, pump industry, rubber and paper industry, ships, cranes, general engineering, thermal processes and other special applications.

- Steam and gas turbine blade carriers, seals, levers, covers, balance pistons
- Gear wheels
- Pipe supports, furnace hooks
- Pump bodies and impellers
- Hubs and blades of water turbines
- Rotors, grinding plates
- Centrifugally casted tubes

## QUALITY & CERTIFICATION

ISO 9001  
 DNV-GL  
 ABS  
 TÜV Nord  
 PED  
 AD2000 WO  
 Bureau Veritas

## PRODUCED MATERIALS

- Carbon steels
- Low alloy steels
- High alloy steels
- Martensitic corrosion-resistant steels
- Austenitic corrosion-resistant steels
- Duplex and super duplex steels
- Wear-resistant steels
- Heat resistant steels
- Ductile iron
- Grey cast iron

## PRODUCTION POSSIBILITIES

**Melting:**  
 electric arc furnace 5 t, induction furnaces 3 t, 1 t and 0.5 t for castings from 10 kg to 5,000 kg tubes max. Ø 405 mm / 1,000 kg

**Heat treatment:**  
 gas furnaces for annealing, refining, austenitizing, quenching (water, air)

**NDT:**  
UT, MT, PT, VT

**Rough machining:**  
turning, vertical turning

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## PRODUCTION PORTFOLIO

- Purchase and sale of metallurgical materials
- Sale sheets of second quality from US STEEL Košice
- Dividing on high-speed circular and band saws
- Cutting sheets with scissors
- Burning sheet metal
- Locksmith production, welded up to a weight of 5 t
- Surface finish
- Manufacture and repair of containers

## QUALITY & CERTIFICATION

ISO 9001

## MATERIALS USED

- Carbon Steel
- Alloy Carbon Steel
- Tool steel
- Stainless Steel

## PRODUCTION POSSIBILITIES

**Circular quick-cutting saws:**  
up to a Ø of 150 mm

**Band saws:**  
710 x 660 mm and max. Ø 660 mm

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## PRODUCTION PORTFOLIO

Products for power engineering, audio-visual technology, construction machinery, railway rolling stock:

- Switchboard doors
- Components for high voltage and very high voltage - busbars, etc.
- Machined weldments
- Special copper and aluminum flat bars and profiles
- Machined copper castings

We produce a range of products for the power industry - HV and VHV distribution. We provide also special surface treatments - galvanizing, nickel plating, tinning silver plating. We offer the support of a technical team from the early stages of new product development.

## QUALITY & CERTIFICATION

ISO 9001  
 ISO 14001  
 EN 1090-2:2018 (EXC3)  
 EN 3834-2:2006

## MATERIALS USED

- Carbon Steel
- Stainless Steel
- Cooper – profiles, flat bars, casts
- Brass, aluminum

## PRODUCTION CAPABILITIES

**Laser cutting machines:**  
max. 3,000 x 1,500 x 15 mm

**Punching centers:** max. 2,500 x 1,250 mm

**Press brakes CNC:**  
max. 3,100 mm, 1,600 kN, max. 6 mm

**Welding robots:** max. two positions

**Lathes:**  
Ø 55 – 550 mm

**Vertical machining centers:**  
max. 100 x 600 x 200 mm

**Horizontal machining centers:**  
max. 630 x 630 x 600 mm

**Powder coating line:**  
max. 3,000 x 1,600 x 550 mm

**3D measuring:** max. 800 x 800 mm

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