

# Technological Equipment of MORAVIA ŘETĚZY

We have our own technological equipment, which enables us not only to manufacture standard products, but particularly flexibly respond to special customer requirements and thus make original products according to provided customer drawings. We continuously invest in our technological fleet and improve the production processes. The fulfilment of the highest quality parameters and customer satisfaction are our priorities.

## High-performance CNC Machining Tools:

- KESEL RMS 3200 CNC milling machine, rack milling up to the length of 3,000 mm, M1 – M20 modules
- MORI SEIKI CL2000BT lathe
- MORI SEIKI Duracenter 5 CNC vertical machining centre
- YMC-XV1250A CNC vertical machining centre
- Dosan-Puma 2600LY CNC lathe
- Lynx 220 LMA CNC lathe with 1,000 mm feeder
- GOODWAY CNC lathe
- ALPHA 1550XS mechatronic lathe, the distance between centres up to 2,000 mm
- TAC 75 CNC high-speed circular saw



## Conventional Machining Tools:

- Revolving lathes, turntable Ø up to 450 mm, turning length up to 400 mm
- Centre lathes, turntable Ø up to 550 mm, turning length up to 1,500 mm
- Face lathes, turntable Ø up to 1,550 mm, turning length up to 300 mm
- Coordinate drills, table 1,200 x 600 mm
- Pillar drilling machines up to Ø 50 mm
- Flat-surface grinding machines, table 300 x 1,000 mm
- Vertical grinding machines, table 700 x 2,000 mm
- Universal console millers, table 300 x 1,200 mm



## Specific Equipment:

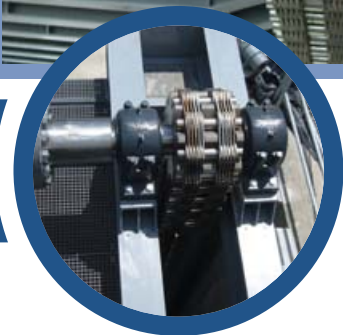
- Mitutoyo CRP PM574 measuring machine
- Induction hardener
- Module 6 hobbing machines
- Horizontal broaching machines to H22 groove width
- VARINELLI vertical broaching machine



Czech Manufacturer of Chain and gear Drives

## Reference: One of the significant special projects

Production and supply of the DG200SS Gall stainless steel chain, including sprockets for the control of the lower sluice gates (weight 35 tons) at the Hněvkovice Water dam - implementation examples:



We devote a significant attention to our technological equipment and optimisation of production processes so as for us to be able to increase the quality of our chains and simultaneously meet the customer requirements as quickly as possible. We manage production using a bar-code based production information system, which substantially contributes to the improvement of the efficiency of our entire production process. The chain production quality management system was implemented in 2013, and it is regularly audited.

### Special Technology:

- Pre-tensioning equipment - 10 m (incl. pairing)
- Fronius welding line
- Automatic cleaning and oiling line
- Flaring machine
- Hunziker blasting machine

