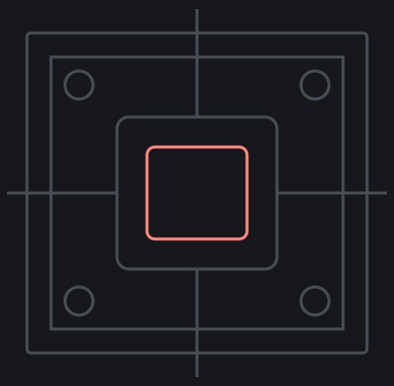
KOVOFORM CT S.R.O.

TOOLMAKING · INJECTION MOULDING
PLANÁ, CZECH REPUBLIC

YOUR COMPLETE PARTNER FOR MOULDS AND PLASTICS PRODUCTION

PRECISION FOR YOUR MOULDS



Complete solutions – from mould manufacturing through service and repair to the finished moulded part.

On-site service | **Polishing up to A1** | **In-house moulding 80 t / 130 t**

MOULD SERVICE & REPAIR OUR CORE SERVICE

Preventive care & express repairs

Regular maintenance, fast diagnostics and express repair of damaged moulds, including micro and laser welding. We minimise your production downtime.

Texture repair & restoration

Restoration of damaged textures and grains, repair of weld spots, scratches and erosion with a seamless match to the original surface.

Mirror polishing (A1–A3)

Top-grade optical surfaces, ultrasonic polishing and precision honing of functional mould surfaces.

On-site service

Diagnosis and damage assessment directly at your production site. We repair functional parts on the machine to get production running again immediately.

Complete mould transport – collection and return to your production site.

MANUFACTURING & AUTOMATION

New mould manufacturing

Complete delivery from design through CAD/CAM and manufacturing to mould trials and fine-tuning.

Production automation

Design and manufacture of grippers for robotic cells and of special-purpose machines to optimise production.

Plastic injection moulding

Production of plastic parts on Tederic 80 t and 130 t machines. We fine-tune the whole process – from mould to moulded part.

KOVOFORM-CT s.r.o.
Nádražní 854, 348 15 Planá, Czech Republic
Reg. No.: 21776571 · VAT ID: CZ21776571
www.kovoform-ct.com

DIRECT CONTACT
Ing. David Rádl
Technical expert · enquiries
+420 724 620 059

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PLANÁ, CZECH REPUBLIC

TECHNICAL EQUIPMENT & MACHINERY

CNC MACHINING & MILLING

Frejoth HM-1 5-axis CNC machining centre
Travels 1020/610/610 mm · max. load 1588 kg

Hardinge Bridgeport VMC1250 CNC machining centre
Travels 1250/650/650 mm · max. load 1000 kg

Penta 432 HSC high-speed machining centre
Travels 600/450/400 mm · max. load 300 kg

Cincinnati Arrow 500 CNC machining centre
Travels 510/510/510 mm · max. load 350 kg

CME FS1 CNC milling machine

TURNING

Haas ST-20 CNC lathe
Swing ø 533 mm · turning length 533 mm

GRINDING

BPV 300 magnetic surface grinder
Clamping area 1000 × 300 mm · high flatness

BPH 20 surface grinder
Grinding area 630 × 200 mm · load 150 kg

BUA 25 cylindrical grinder

MOULD SPOTTING

Millutensil BV 26C spotting press
Clamping area 980 × 750 mm · total load 4000 kg

ELECTRICAL DISCHARGE MACHINING (EDM)

Fanuc Robocut α-C600iA CNC wire EDM
Travels 600/400/310 mm · accuracy 0.002 mm

Penta 650G CNC die-sinking EDM
Travels 600/500/500 mm · automatic electrode changer

EC38 die-sinking EDM

Penta EDM start-hole drill

MEASUREMENT & INSPECTION

3D coordinate measuring machine (CMM)
Dimensional inspection of parts and mould cavities

PLASTIC INJECTION MOULDING

Tederic D130 injection moulding machine
Clamping force 130 t

Tederic D80 injection moulding machine
Clamping force 80 t

HEAT TREATMENT

KA/1 and KA/2 hardening furnaces

SPECIALISED WORKSTATIONS

- Micro welding
- Laser welding
- Laser engraving
- Mirror polishing (A1)

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