Precision Metal
Machining & Shaping

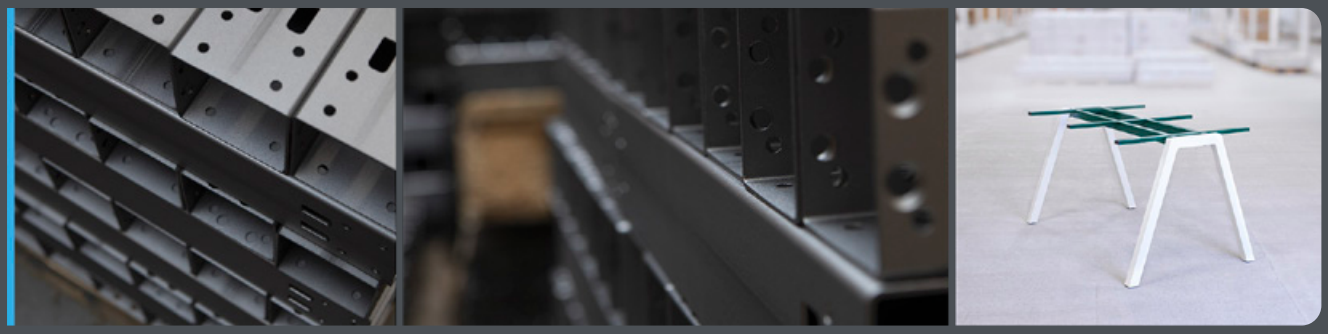
HON METAL

We provide complex services in the field of machining and shaping metal from cutting, bending, blasting, and degreasing to powder coating. Since we have our own design and development departments, we are able to promptly respond to any of our customers' atypical requirements, including tailor-made, modern furniture.

End-to-End Production Workflow

1. **CAD Design**
   Engineering & prototype validation.
2. **Laser & Bending**
   Precision cutting & CNC forming.
3. **Welding**
   MIG / MAG / TIG structural joining.
4. **Coating**
   Shot blasting & powder coating.
5. **Dispatch**
   Assembly, packing & EU shipping.

- **Full-Spectrum In-House Production:** Independent of outside vendors, ensuring complete quality control under one roof in Opava, Czechia.
- **Custom R&D & Engineering:** 3D CAD design team ready to transform customer specifications into series manufacturing.
- **Flexible Production Volume:** From custom prototypes and small series to high-volume orders (5 to 5,000+ pcs).



Export Inquiries
export@hon.cz
Direct line for international quotes

Official Websites
www.honkovo.cz/en
www.hon.cz

Phone Contact
+420 553 781 121
Mon–Fri 7:00 – 15:00 CET

MANUFACTURING PLANT
HON KOVO
Olomoucká 2559/92, 746 01 Opava, Czech Republic

COMPANY HEADQUARTERS
HON a.s.
Srbská 347/2, 160 00 Praha 6 – Dejvice, Czech Republic

Precision Metal
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HON METAL



NEW CNC Laser Cutting of Hollow Profiles

High-speed 3D fiber laser cutting of open and closed structural profiles, e-banking complex joint geometries, slotting and precision hole cutting.

Profile Type	Dimensional Range
Round Profiles	Diameter 12 mm – 140 mm
Square Profiles	Side 12 mm – 120 mm
Rectangular & Flat Oval	Inscribed in Ø 170 mm (min 10 mm, max 140 mm side)
Open Shapes	L, C, U shape and flat metal profiles
Length & Weight Limits	Raw bar: 2.5–6.5 m | Max product: 4.5 m | Weight: ≤15 kg/m

NEW CNC 2D Fiber Sheet Metal Laser

Our new high-performance 2D Fiber Sheet Laser cutting system delivers high-speed, burr-free precision cutting with maximum material efficiency for sheet metal components, complex contours and structural parts.

Parameter	Technical Capability
Max Sheet Dimensions	1,500 × 3,000 mm
Structural Carbon Steel	Thickness up to 15 mm
Stainless Steel	Thickness up to 5 mm
Non-Ferrous Metals	Aluminum alloys, Brass & Copper sheets
Cutting Precision	Tolerance ± 0.2 mm with integrated CAD/CAM nesting

Robotic & Manual Welding

Automated robotic welding cell combined with certified MIG / MAG / TIG workstations for high-volume series and complex assemblies.

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