

OFZ MARTIN



LATHING

An important component in OFZ's manufacturing is lathing, with single-part, small batch and mass production according to customer specifications all available. Our technical department and state-of-the-art CNC machines enables us to supply customers with excellent products featuring high-quality surfaces and precision up to 0.01 millimeters. Our modern CNC machines reduce the production time significantly with simple drilling and milling.

Maximum diameter 450 mm

Maximum length 750 mm





MILLING

One of the main manufacturing processes we do is milling – machining with rotary mill cutters to remove material from a work-piece at an angle to its axis. Milling covers a wide variety of different operations and machines at a scale ranging from small, individual pieces to large, heavy-duty parts machined on composite milling cutters, depending on its weight. Milling is one of industry's most commonly used processes and today's machines are able to produce precise shapes and dimensioned parts. OFZ mills parts on cutting-edge CNC machines from globally-known manufacturers, with a precision of up to 0.005 millimetres.

In addition to machining, OFZ also provides 3D modelling for our CAD/CAM modern software solutions to transform your prototype into a complete product.

Maximum dimensions X-1,000 mm; Y- 500 mm; Z-630 mm



LASER CUTTING

This is a technology typically used in industrial manufacturing, where the material is cut with a high-power laser directed by a computer. The cut material is then melted, burned, evaporated or blown away with a gas jet, leaving behind an edge with a high-quality surface.

Platino 1530 Laser Cutter

Work table size: 1,500x3,000mm

Maximum material thickness:

Structural steel - up to 12 mm

Stainless steel- up to 8mm

Aluminium- 5mm

CNC BENDING

OFZ's manufacturing plant uses precision CNC machining for bending and edging sheet metal, cut sheets and burnt metal. Hydraulic bending presses provide high-quality bending of components. The high precision of the machines along with the wide scale of available tools allow us to handle even the most complicated bend shapes.

Maximum bending length: 3,000 mm

Maximum force: 160 t

Maximum bending diameter: 60.3 mm





INDUCTION HARDENING

This is a form of heat treatment where a metal part is induction heated and then hardened. The tempered metal then undergoes martensitic transformation for the part to become harder and yet more brittle. Induction heating is a non-contact process that utilises electromagnetic induction to produce heat inside the surface layer of a work-piece.

COLOURING

OFZ provides wet lacquering, the most commonly used method for treating and protecting the surfaces of products manufactured from a wide scale of materials. Lacquering protects the base material against climate conditions, chemical and biological contamination, corrosion and mechanical deterioration.

Different paints and coatings:

- synthetic
- epoxy
- acrylate
- polyurethane



SURFACE TREATMENT

Other available options:

- Phosphatising
- Nitriding
- Galvanising
- Chrome plating
- Pickling
- Tempering
- Anodising
- Cementation
- Electro-polishing



CERTIFICATIONS

OFZ's quality system is ISO 9001 certified. An implemented quality system consolidates trust among our existing customers and enables us to win new customers. A staff of qualified professionals, a high level of efficiency, modern equipment and a quality control system guarantee our products the highest possible precision.

SNR CERTIFICATION



Quality Management System Certificate of Approval

This is to certify that the QMS of
OFZ, a.s.

Site 1: OFZ, a.s. prevádzka Široká 381, Oravský Podzámok 027 41, Slovakia
Site 2: OFZ, a.s. prevádzka Langsfeldova 1, 036 01 Martin, Slovakia
Site 3: SLOVAKIA REAL - IN, a.s., prevádzka Široká 381, Oravský Podzámok 027 41, Slovakia
Has been assessed and found to meet the requirements of

ISO 9001:2015

This certificate is valid for the following scope of operations

- Site 1: Výroba a predaj ferrozliatin a vedľajších produktov z výroby ferrozliatin.
Manufacture and sale of ferroalloys and by-products from the production of ferroalloys.
Produktion und Verkauf von Ferrolegierungen und Nebenprodukten aus der Produktion von Ferrolegierungen.
- Site 2: Kooperačná kovovýroba podľa dokumentácie zákazníka.
Cooperative metal manufacturing according to customer documentation.
Metallproduktion laut der Kundendokumentation.
- Site 3: Výroba plnených profilov.
Cored wire production.
Produktion von Fülldraht.

Authorised by:

R N Cooke
Director

Date of Certificate Issue: 19 April 2018
Certificate Valid Until: 31 May 2021

Recertification audit before 01 May 2021. Certified since 01 June 2015.
This certificate is the property of SN Registrars (Holdings) Limited and remains valid subject to satisfactory annual Surveillance audits.

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Certificate Number: SNR 65412475/102/Q Rev: 001



SNR CERTIFICATION



Environmental Management System Certificate of Approval

This is to certify that the EMS of
OFZ, a.s.

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Site 3: SLOVAKIA REAL - IN, a.s., prevádzka Široká 381, Oravský Podzámok 027 41, Slovakia
Has been assessed and found to meet the requirements of

ISO 14001:2015

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