Product Catalogue

Precision engineering production, Slovak quality











IMC SLOVAKIA





Personal approach

Fulfilling customer requirements are the priority number one as well as looking for manufacturing solutions. Our company offers personnel and technological capacities for customized and personal manufacturing solutions.

Successfully satisfying different industries

The company focuses on mechanical manufacturing for various food, automotive, textile, steel, structural and air conditioning industry.

Strict division

We divide production to stainless and black steel to satisfy customers in food industry, where rules for manufacturing simple and complex lines must comply with the regulations.

Advantages of mechanical manufacturing at IMC Slovakia

Own certificates and standards

Our company applies the principles of quality management system and is certified according to ISO 9001,which accepts the requirements of STN EN ISO 9001:2008 for the manufacture and processing of metals, fabricated metal products, the manufacture and repair of machinery and equipment. We also have a certificate for welding according to STN EN ISO 3834-2:2005.

Quality control

We offer high quality control of finished products at our measuring centre with various types of gauges. We provide measuring as an external service for our business partners. All instruments used in our company are regularly checked and calibrated with the business' internal measurement standards, whose calibration is performed by an externally accredited calibration laboratory accordance with national standards.

Modern, innovative technologies

To keep up the competitiveness of production, we invest in technological development. We focus on research and development led by our qualified employees.

Sheet metal processing technologies



Accuracy **Fast** **Contact-free process** **Various materials** **Quality result**

Sheet laser cutting

We offer division of materials (tubes, rods, profiles up to Ø 330 mm)

Materials are cut with the format and circular saws. Saw cutting is used for division of tubes, rods or profiles to exact lengths with some or none tolerance left. We offer cutting tubes, rods, profiles up to Ø 330 mm. Additionally, we use the laser machines for shape-cutting of sheets and plates. We can arrange cutting rods, tubes and profiles up to Ø 330 mm for a day of precise dividing cutting of saws.

We offer laser cutting materials up to 4 000 mm

Cutting shapes by laser (laser cutting or burning) is a modern technology, which divides the metallic and non-metallic materials. We offer the laser cutting process for metals with dimensions up to 4 000 mm. After laser cutting, we offer straightening, sandblasting, deburring of components or grinding.

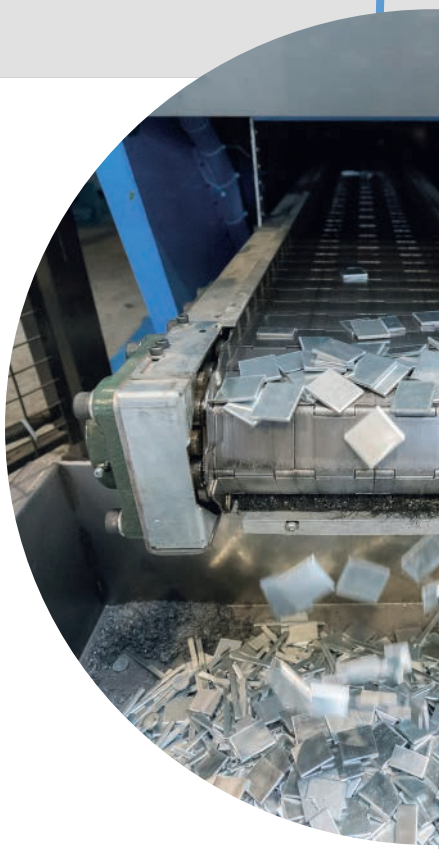


Time saving

Quality maintenance

High quality standards

Straightening without tension



Sheet metal straightening

We straighten sheets and parts in a few minutest

Manual straightening is time-consuming, since our cylinder straightening machines straighten metal sheets in a few minutes and almost without tension. We have achieved excellent results for straightening parts with space gaps while using the build-in gap regulation. Our straightening machines guarantee the highest product quality and required standards.

We straighten to the thickness of 23 mm

The modern technology straightens steel parts, light metal sheets, cut out electrical sheets, steel plates, perforated plates, brake discs, blades, bars, steel products, stillages, stampings, cut-out plates to the thickness of 23 mm.



Sheet metal punching

We offer cutouts for serial production without any scratches

The punching technology makes holes in sheet metal in any shapes and the presses various shapes into sheet metal parts. Modern punching technology offers a choice of processing options: punching and forming simple and complex parts, in small or large series, and from different materials. Punching technology is a fast, automated process, which offers an enormous range of options. The punching head turns the tool to any angular position. We ensure that material surfaces are not scratched or damaged during a punching process.

Cutouts up to maximum sheet weight of 200 kg

Modern punching technology offers a choice of processing options: punching and forming simple and complex parts up to 200 kg of the sheet weight, in small or large series, and from different materials. The process is automated, the waste is kept to a minimum, this saves money in the long run as no materials will be thrown away. The punching technology makes holes in sheet metal in any shapes and the presses various shapes into sheet metal parts.



High quality technology

High quality standards

Different shapes

No bending marks

Sheet metal bending

Metal sheet folding and bending processes

We have precision CNC technology for folding and bending steel sheets, blanks and cut shapes. CNC technology enables the optimization of the bending and folding process and guarantee a precision band angle of 0.01 mm. Machines bend or fold the complex and simple metals so that can reach theirs intended form. With soft metals it is possible to remove the trace of bending tools.

Metal sheet bending up to 5,100 mm in length

Hydraulic presses bend steel and sheet parts up to 5 100 mm length and with the thickness of 12 mm. We guarantee the bend accurate of the angle for simple and complex shapes during the bending and folding process.





Technological advances in metalworking at IMC Slovakia



Dimensional accuracy

Quality technical equipment

Qualified staff

Metal milling process

Different methods for metal milling

We specialize in metalworking with modern CNC and conventional milling machines. This technology offers to mill diverse surfaces and shapes according to requirements of our customers. According to requirements, we choose the suitable CNC, Horizontal, and Conventional milling methods.

We keep up the accuracy of 0.01 mm

We machine flat and contoured surfaces on conventional and CNC milling machines to the required dimensional and geometric tolerances. We have CNC machines, which allow indexed and continuous 5-axis milling with an accuracy of 0.005 mm. We offer accuracy of 0.05mm with conventional milling machines.



Dimensional accuracy

Quality technical equipment

Qualified staff

Drilling process

We guarantee quality and precise drilling

Drilling is a method of machining that uses CNC horizontal and conventional machines. We offer all variety of drilling methods. Therefore, we are able to drill widen pre-moulded, pre-forged, pre-pressed, pre-drilled and other forms of pre-made holes in metal parts or units.

Accuracy up to 0,01 mm

We maintain the accuracy up to 0.01 mm for our demanding customers. Conventional drilling guarantees an accuracy of 0.05 mm, and CNC horizontal drilling guarantees the accuracy of 0.01 mm. We use high quality metalworking machinery in our production.

Grooving process

Grooving also for a large number of grooves

Grooving technology cuts a spiral grooves on the internal shapes of punching die, a wheel hub with grooves and etc. With grooving technology, we create the straight grooves on the shaft and hub so that it fits together. We achieve flatness of 0,02 mm per 1 m. The grooving process creates a wide range of grooves, which is suitable if you need connection with various pier.

Flatness of 0,02 mm

We achieve flatness of 0,02 mm per 1 m. Due to new and well maintained machines, flatness and parallelism is achieved. In normal conditions flatness of 0.1 to 0.2 mm per 1 m is achieved. The production of continuous grooves in the range from 4 to 40 mm.



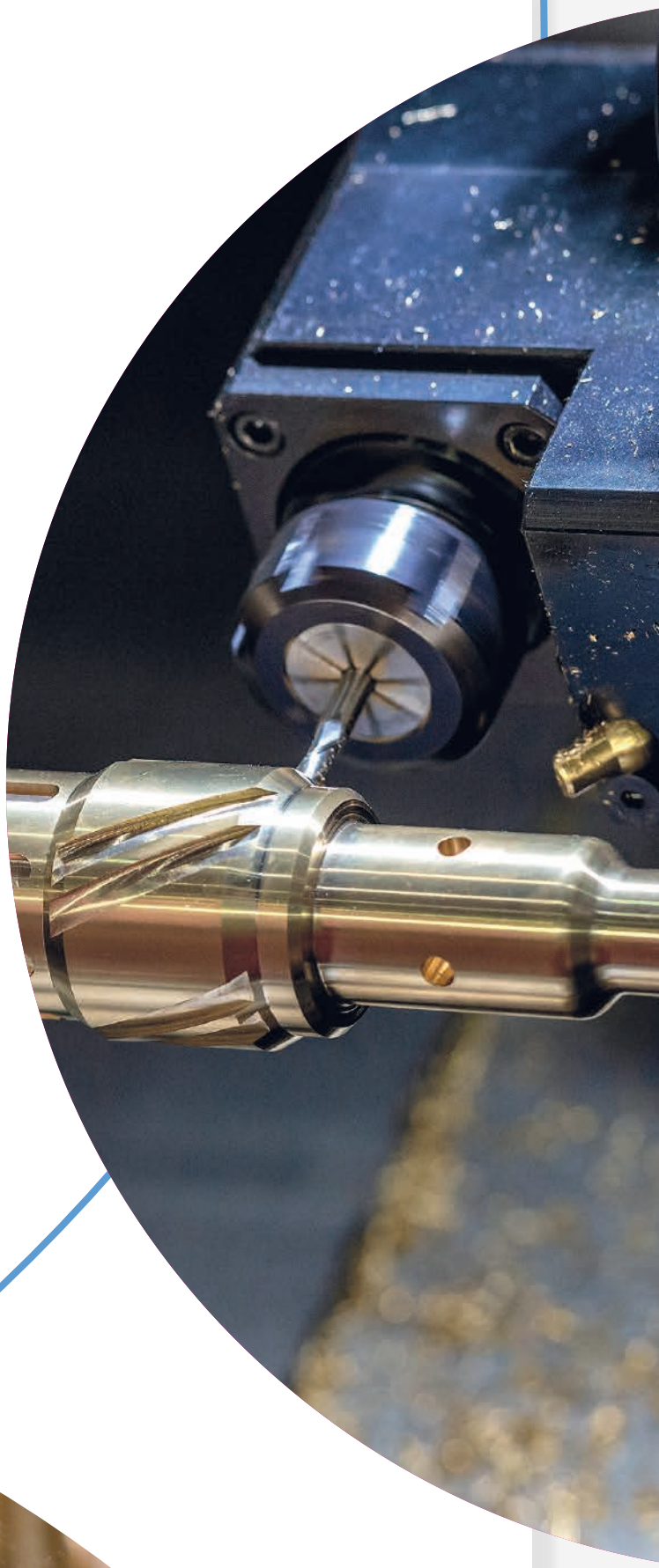
Metal lathing process

Turning of internal and external surfaces

The manufacturing engineering program of the IMC Slovakia, company includes lathing as an important part along with the machining of external and internal cylindrical surfaces. Lathing technology is used for machining the cylindrical shape of metal parts, components or pieces.

We use CNC and Conventional lathes

We use conventional lathes for simple parts. For parts with the highest degree of accuracy and quality, we use CNC lathes with accuracy of 0.01 mm.







Welding method

MIG welding method

MIG is one of the most popular method for welding. The weld joints arise during arc welding, which occurs between continuously fed welding wire and weldment. The welder moves the welding wire smoothly, in meantime, welding wire is automatically fed to arc zone, melts, and generates welding metal.

Advantages of MIG welding:

- Welding for different types of materials and thicknesses.
- Welding is effective, fast, suitable for robotic lines, automatic and semiautomatic machines.
- Weldments are easily cleaned due to minimal invasion of welding chips and slag after welding process.
- The final weld is in perfect shape.

MAG welding method

MAG works in a protective atmosphere or within active gas (e.g. carbon, dioxide, a mixture or argon, carbon dioxide, or argon and oxygen). It is a semi-automatic welding method. The shielding gas used during welding process is the only difference between MAG and MIG welding. In addition, active shielding gas prevents entering the air to molten metal and participates in the chemical processes, which take place in the molten weld metal. Choosing the right metal inert gas welding is our priority number one. We have skilled welders, who have a lot of experience with MAG/TIG/MIG welding.

Stainless steel	
Robot for MIG/MAG and TIG	1x positioner
Workplace up to 1 500 kg	dimension of weld 1 500 x 1 500 x 1 500 mm

ST welding	
Robot for MIG/MAG	2x positioner
Robot for MIG/MAG	1x positioner
Workplace up to 300 kg	dimension of weld 1 200 x 1 200 x 1 200 mm
Workplace up to 1 500 kg	dimension of weld 1 500 x 2 100 x 1 000 mm
Workplace up to 4 000 kg	dimension of weld 3 000 x 4 000 x 2 000 mm



The usage of state of art technology and robotic workplace

MIG/MAG and TIG welding

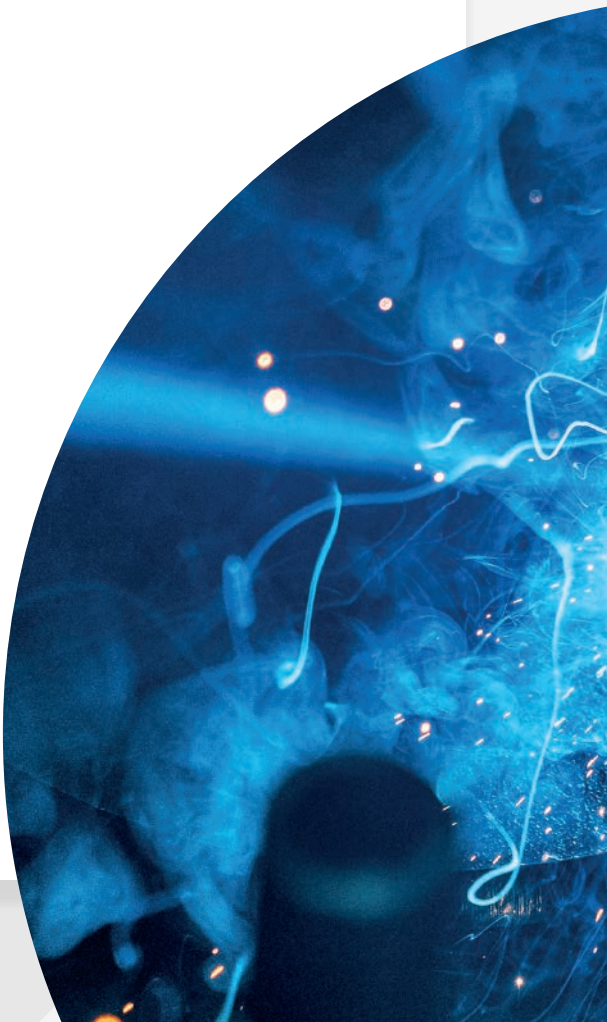
Welding of steel and stainless steel

TIG welding method

TIG is one of the most complex and versatile welding methods. TIG welding is a process that enables top-quality welds. The welder holds welding torch to create an electric arc and manually adds material. The weld joins together (metal parts) by heating the surfaces to the point of melting with an electric arc, and uniting them by pressing.

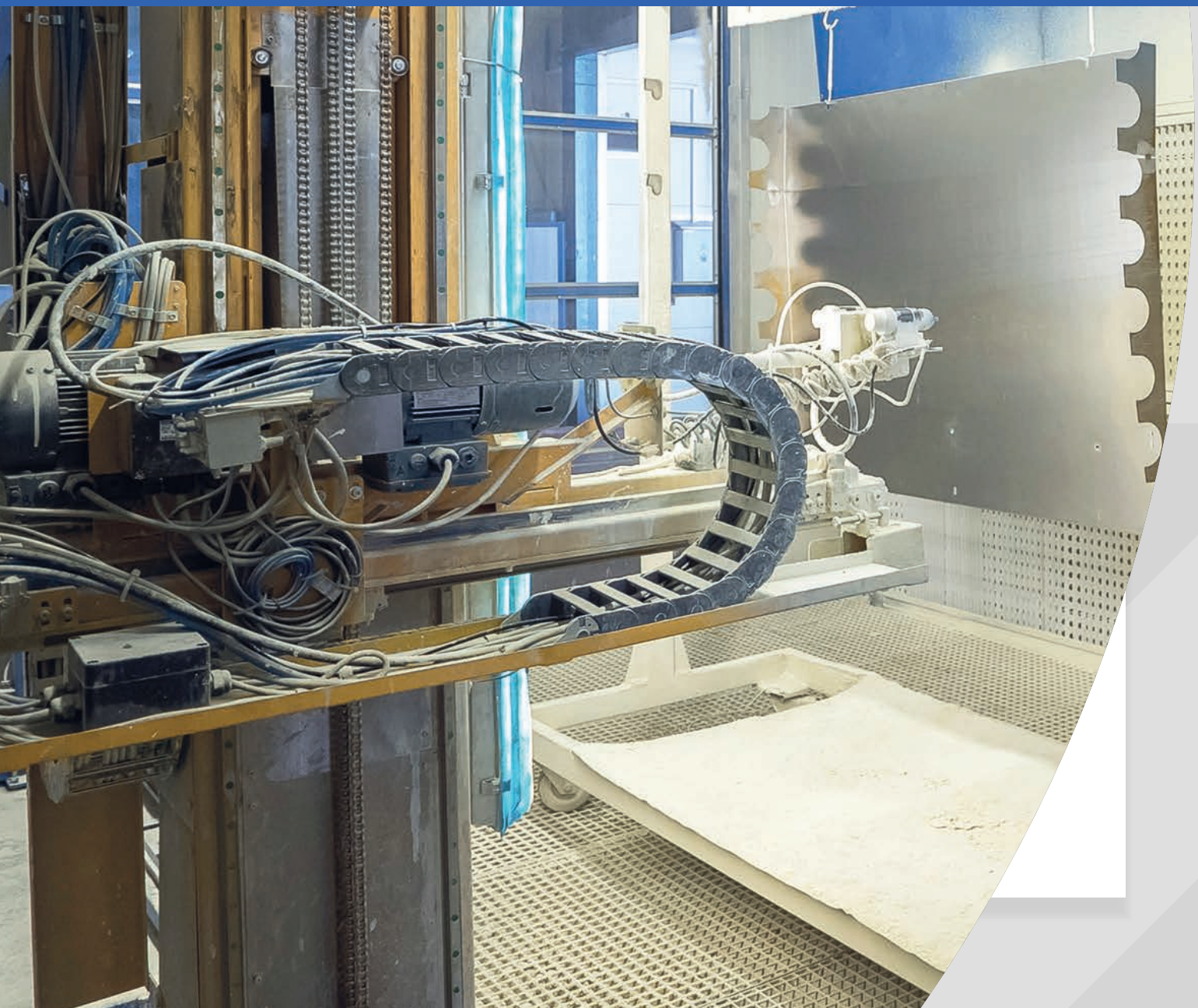
Advantages:

- Secure high quality of welds.
- During welding, there are no welding slags or visible damages.
- Welding of thin materials.





Metal treatment technologies



Quality results

Modern technical equipment

Highly-trained staff

Sanding process

We offer sanding for structural and stainless steel

We offer sanding for structural and stainless steel. Blasting or sanding is pulling debris from the surface of metallic and non-metallic materials, through the application of “sand” on the material under a strong jet of compressed air. Blasting is used as pre-treatment before the final coating.

Without deformation and impairmen

Using this technology IMC Slovakia, s.r.o allows the removal of objects that are sensitive to heat, without which they would be distorted, and degraded. Blasting is advantageously used wherever dimensional surface topography prevents the use of other methods.





Quality results

Modern technical equipment

Highly-trained staff

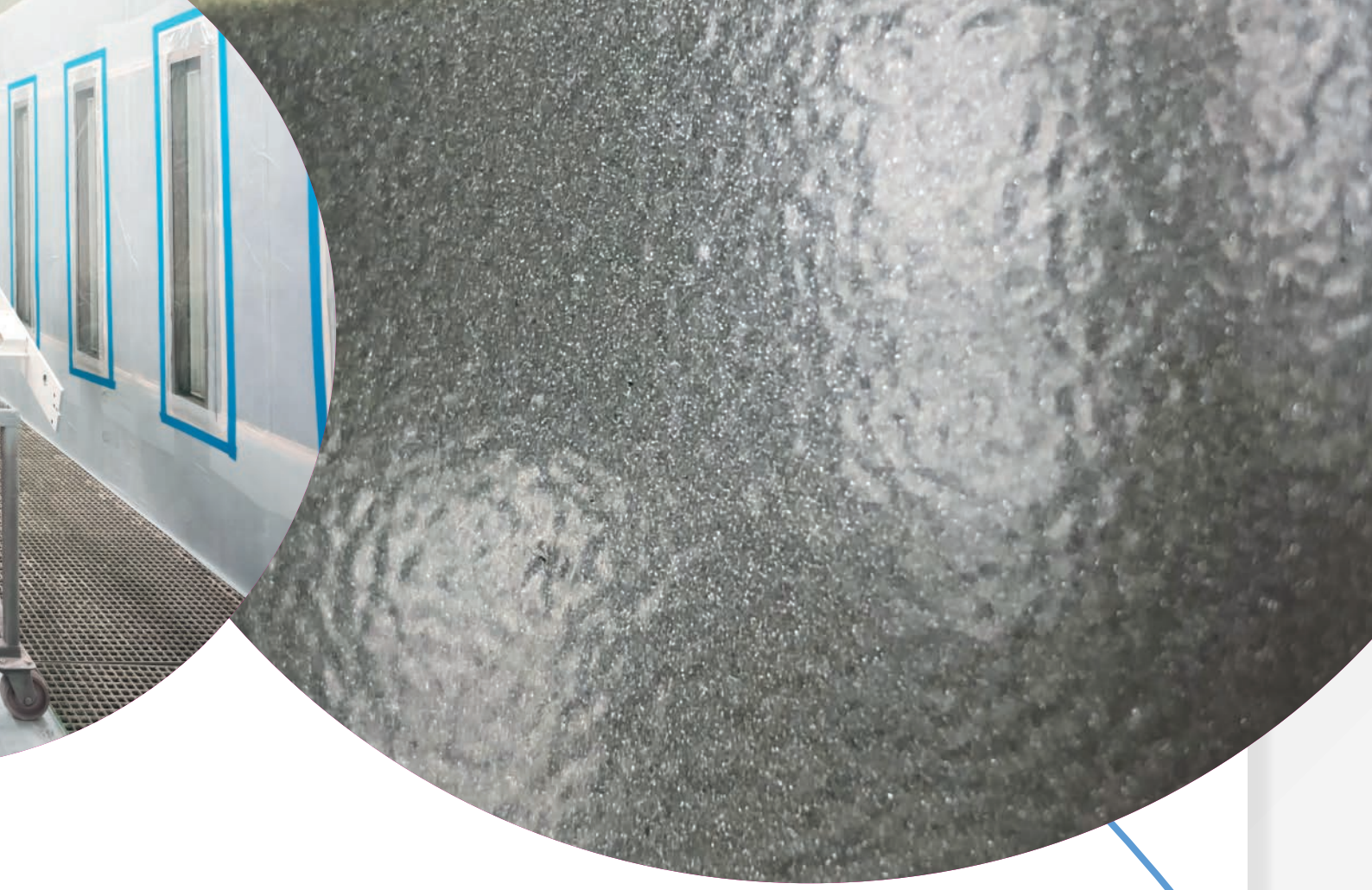
Abrasive blasting - blasting iron

We specialize in removing dirt and rust

Abrasive blasting technology at IMC Slovakia, s.r.o. is part of the surface treatment of rolled steel plates. Blasting removes dirt, rust or scale from the surface of plates.

Abrasive blasting of plates in the length of 4 000 mm

We offer abrasive blasting up to plate length of 4 000 mm. The blasting machine processes about 6m length plates per hour. The plate is sandblasted along the entire length until a machine unloads the output on conveyor.



Coating, powder coating process

We offer high quality coating services

We offer coating services to remove unevenness, sanding corrosion, masking threads, and modification of surface through wet coating. In order to achieve the highest quality of coating process, we use a CNC Concorde jumbo coating line. Wet coating uses a base and top coat selected from a range of RAL colour paints. The painting can be achieved with varying degrees of shine and the surface texture.

We offer powder coating

Powder coating applies very thin but at the same time abrasion and resistant layer. Powder coating is sprayed on the surface of the workpiece. Under the action of static electricity, the powder is uniformly absorbed on the surface of the steel products in different colors. Powder coating protects steel from corrosion. The process does not produce any harmful compounds during application, manufacturers consider powder coating as an environmentally friendly and healthy finishing technology.

Quality results

Modern technical equipment

Highly-trained staff

Annealing process

We improve properties of metals after previous work

Large, closed furnaces are used for the annealing process. All adjustments on metallic and non-metallic surfaces are performed by our highly qualified employees. Annealing is a heat process whereby a material is heated to a specific temperature and then allowed to cool slowly. Annealing improves the properties of steel, cast iron, non-ferrous metals after casting, forging, burning, machining and welding.

We offer an annealing process up to 7-meter units

Our stationary annealing furnaces are used for up to 7-meter units. Large, closed furnaces are used for the annealing process with separate controls. The annealing process lasts on average 23 hours, the furnace is set to 550 °C program and maximum output at 650°C.

Degreasing process

We offer degreasing and coating processes for metal parts and units

By degreasing in an automatic insulated box, parts and unfinished products are prepared for the next coating operation. After degreasing parts are free from dirt, grease and other undesirable coatings on their surfaces. Degreasers are water based and therefore meet strict European standards. After degreasing process, the parts (products) are dried and ready for further processing.

The max. length of workpieces is 3 500 mm

The max. length of degreased part is 3 500 mm. The degreasing box is equipped with 5-axis CNC automatic, spraying machine. The degreasing box is connected through pipes and vents to external heating unit with an output of 50kW, which provides warm air in the box to a temperature of 90° C and dries the degreased components.







Quality results

Modern technical equipment

Highly-trained staff

Grinding process

We offer the surface grinding of required quality level

Modern, innovative grinding machines guarantee high standards of surface treatments for metal. We offer removal of burrs and edge rounding of parts, removal of stains on the sheet surface, deburring, grinding and rounding of edges. We use different methods for grinding of welded parts. Grinding, burring, rounding edges inside and outside the lines speeds up priming work.

We offer grinding of welded parts

All of our welds are properly cleaned per client specified requirements with these technologies:

- grinding down to nothing;
- pre-blast grinding,with the following abrasive blasting;
- chemical cleaning of stainless steel welds.

Quality control and measuring centre

Continuous quality improvement (CQI)

Kvalitu vyrábaných dielov zabezpečujeme:

- self – controlling and random checks during the manufacturing process,
- checking parts after receipt from partners,
- checking parts prior to dispatch.

External measurement

The external measurement service is secure in our own production premises and by our highly skilled employees, who have many years of experience. All our instruments for external measurement are regularly checked and calibrated to national standards.



Assembly and Design work at IMC Slovakia





Top quality employees

Control under our direction

Meeting multiple deadlines

Advantages of assembly at our centre

The assembly of machines and lines

In IMC Slovakia we also provide assembly of manufactured parts or complete assembly of machines and lines in our personnel direction. This service fully meets your individual requirements. The assembly department has a testing room for equipment up to 170 kW. Our assembly halls cover an area of almost 6,500 m2, and we are constantly expanding and innovating our assembly facilities.

Methods of assembly:

- Mechanical,
- Electric,
- Pneumatic,
- Hydraulic system.

A Fully fledged partner for mechanical manufacturing

The design department offers capability for the development of design, as well as cooperation in the development of various areas of production engineering, including prototyping, redrawing the design documentation in the programs ME10, ACAD 2002 (2D) and Autodesk Inventor and SolidWorks (3D) and in creating developed shapes for the bent sheet metal parts.

We have our own design department

The company's progression has led to the development of its own design department. The department now works on the technical preparation for orders, format transformation of drawings, consulting with customers, drawing out details, adjusting of documentation for special customer requirements and technological options for production, optimization of lists of materials, preparation of manufacturing documentation, as well as the design of complete equipment.





Our approach to work

Highly skilled workers

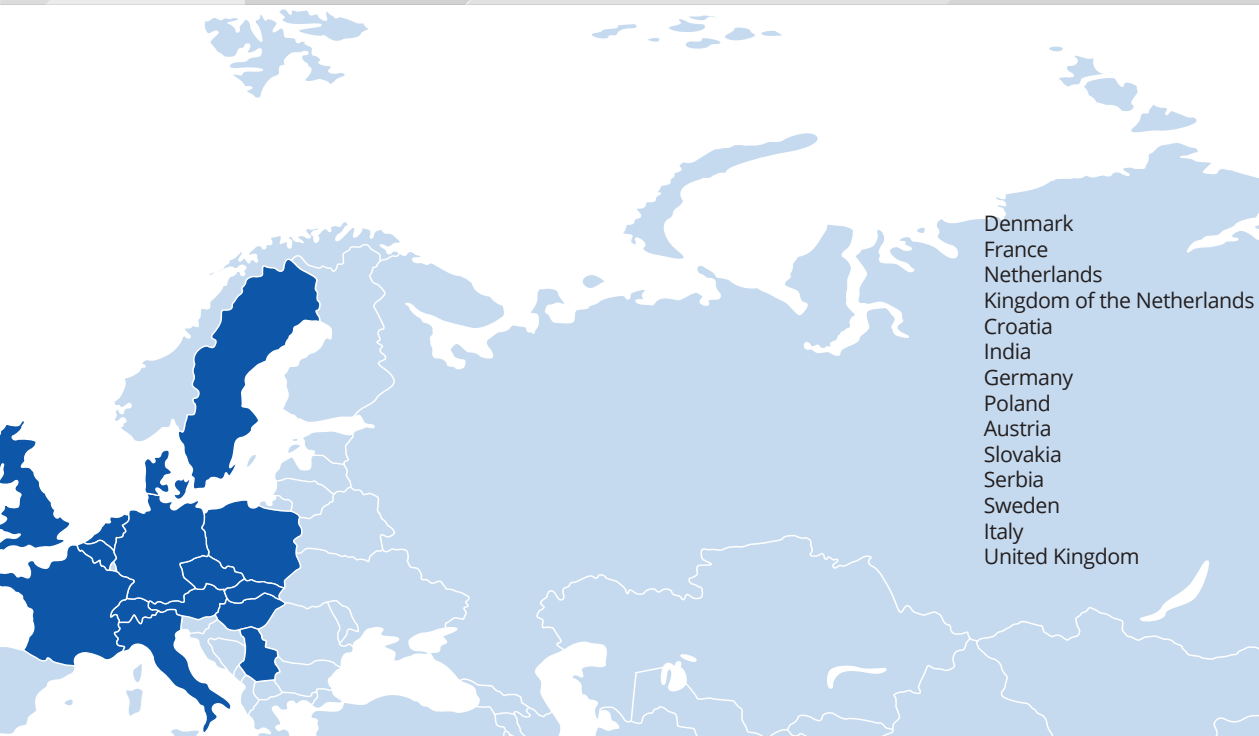
We achieve goals through advanced technologies and highly skilled, liable, and linguistically proficient workers.

Production quality comes first

We offer products and services conform to all applicable EU norms and standards.

Modern technology

We constantly check and innovate our technologies, technological, and machinery park.



Denmark
France
Netherlands
Kingdom of the Netherlands
Croatia
India
Germany
Poland
Austria
Slovakia
Serbia
Sweden
Italy
United Kingdom

Selecting suppliers

To choose a suitable supplier is a first step to keep up our business cooperation.

Fulfilling customers wishes

We constantly fulfilling the wishes of our customers and deliver a quality produc on time.

We measure measured

Workflow monitoring, controlling and analysing are necessary so that our business processes continually meet the needs of a competitive marketplace.

Collective work

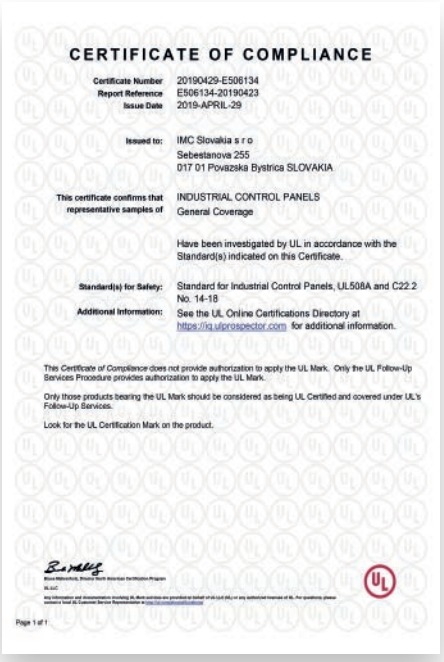
The quality production is the result of collective effort of all our employees.

Continual improvement processes

Monitoring, measurement, evaluation of the effectiveness and efficiency of processes and data analysis are the means for continuous improvement of the quality management system.

Education

Educated and highly skilled workers provide the professionalism in the workplace. Therefore, training courses and continuing education is a part of achieving our goals.



CERTIFICATE OF COMPLIANCE

Certificate Number 20190429-E506134
Report Reference E506134-20190423
Issue Date 2019-APRIL-29

Issued to: IMC Slovakia s r o
Sebestanova 255
017 01 Povazska Bystrica SLOVAKIA

This certificate confirms that representative samples of INDUSTRIAL CONTROL PANELS
General Coverage

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Industrial Control Panels, UL508A and C22.2 No. 14-18

Additional Information: See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

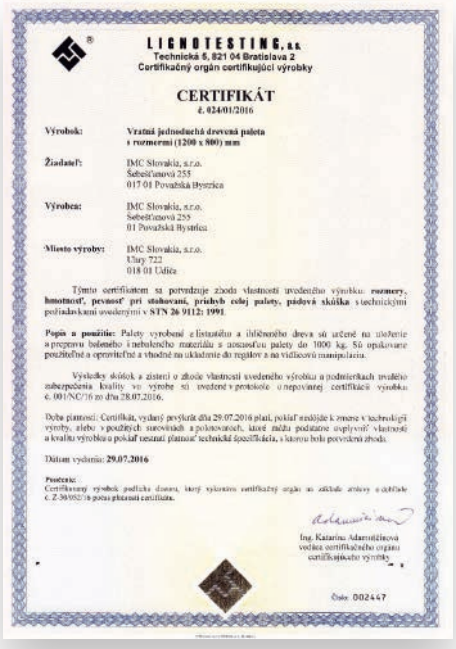
This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Page 1 of 1

UL Certified - we meet the American standard for electrical wiring.



LIGNOTESTING, a.s.
Technická 5, 821 04 Bratislava 2
Certifikačný orgán certifikujúci výrobky

CERTIFIKÁT
č. 024/01/2016

Výrobok: Vratná jednosmerná drevená paleta s rozmermi (1200 x 800) mm

Žiadateľ: IMC Slovakia, s.r.o.
Šebeštianová 255
017 01 Považská Bystrica

Výrobca: IMC Slovakia, s.r.o.
Šebeštianová 255
01 Považská Bystrica

Miesto výroby: IMC Slovakia, s.r.o.
Ulary 722
018 01 Udiče

Týmto certifikátom sa potvrdzuje zhoda vlastností uvedeného výrobku: **rozmery, hmotnosť, pevnosť pri stohovaní, priehyb celej palety, pádová skúška** s technickými požiadavkami uvedenými v **STN 26 9112: 1991**.

Popis a použitie: Palety vyrobené z listnatého a ihličnatého dreva sú určené na uloženie a prepravu baleného i nebaleného materiálu s nosnosťou palety do 1000 kg. Sú opakovane použiteľné a opraviteľné a vhodné na ukladanie do regálov a na vidlicovú manipuláciu.

Výsledky skúšok a zistení o zhode vlastností uvedeného výrobku a podmienkach trvalého zabezpečenia kvality vo výrobe sú uvedené v protokole o nepovinnej certifikácii výrobku č. 001/NC/16 zo dňa 28.07.2016.

Doba platnosti: Certifikát, vydaný prvýkrát dňa 29.07.2016 platí, pokiaľ nedôjde k zmene v technológii výroby, alebo v použitých surovinách a polovinách, ktoré môžu podstatne ovplyvniť vlastnosti a kvalitu výrobku a pokiaľ nezanikne platnosť technickej špecifikácie, s ktorou bola posudzovaná zhoda.

Dátum vydania: **29.07.2016**

Prevzaté:
Certifikovaný výrobok podlieha dozoru, ktorý vykonáva certifikačný orgán na základe zmluvy o dohľade č. Z-36/052/16 počas platnosti certifikátu.

Ing. Katarína Adamičíková
vedúca certifikačného orgánu certifikujúceho výrobky

Číslo: 002447

Certificate for the production of custom pallets, which confirms the dimensions, stacking weight, deflection of the entire pallet, etc.



CECH ZVÁRAČSKÝCH ODBORNÍKOV
Certifikačný orgán pre certifikáciu systémov manažérstva kvality

IAF
SNAS
Reg. No. 249/Q-055

vydáva

CERTIFIKÁT

č. CW/9001/002/2020/B
ktorým osvedčuje, že spoločnosť

IMC Slovakia, s.r.o.
Sídlo: Šebeštianova 255, 017 01 Považská Bystrica

má zavedený systém manažérstva kvality podľa

EN ISO 9001:2015
Systémy manažérstva kvality. Požiadavky.

v nasledujúcom rozsahu

Výroba a oprava strojov a zariadení. Inštalácia priemyselných strojov a prístrojov. Výroba a spracovanie kovov. Výroba a oprava kovových konštrukcií. Oprava a údržba ostatných dopravných prostriedkov.

Certifikát je udelený na základe rozhodnutia a správy z auditu č. CW/12/20.
Platnosť certifikátu je podmienená pravidelným uvedených rokoch, podľa ktorých je systém certifikovaný.
Certifikácia sa týka len uvedeného rozsahu. Zmeny mimo stanovený rozsah vyžadujú nové posúdenie.

Miesto vydania: Trnava
Dátum vydania: 02. 05. 2020
Dátum platnosti: 01. 05. 2023

Ing. Anton Kolenič
vedúci Certifikačného orgánu

Quality management system in the following scope: manufacture and repair of machinery and apparatus. Production and processing of metals. Manufacture and repair of metal structures. Repair and maintenance of other means of transport.



CECH ZVÁRAČSKÝCH ODBORNÍKOV
Certifikačný orgán pre certifikáciu systémov manažérstva kvality

SNAS
Reg. No. 249/Q-056

vydáva

CERTIFIKÁT

č. SK – CW/3834/002/20/B
ktorým osvedčuje, že spoločnosť

IMC Slovakia, s.r.o.
Sídlo: Šebeštianova 255, 017 01 Považská Bystrica

má zavedený systém manažérstva kvality podľa

EN ISO 9001:2015
v spojení s
EN ISO 3834-2:2005
Požiadavky na kvalitu pri tavnom zváraní kovových materiálov.
Časť 2: Úplné požiadavky na kvalitu.

v nasledujúcom rozsahu

Výroba a oprava strojov a zariadení. Inštalácia priemyselných strojov a prístrojov.
Výroba a spracovanie kovov. Výroba a oprava kovových konštrukcií.
Oprava a údržba ostatných dopravných prostriedkov.

Rozsah certifikácie je špecifikovaný v prílohe tohto certifikátu č. SK – CW/3834/002/20-1
Certifikát je udelený na základe rozhodnutia a správy z auditu č. CW/12/20.
Platnosť certifikátu je podmienená pravidelným uvedených rokoch, podľa ktorých je systém certifikovaný.
Certifikácia sa týka len uvedeného rozsahu. Zmeny mimo stanovený rozsah vyžadujú nové posúdenie.

Miesto vydania: Trnava
Dátum vydania: 02. 05. 2020
Dátum platnosti do: 01. 05. 2023

Ing. Anton Kolenič, IWE
vedúci CW CZO Trnava

Quality management system in the following scope: production and repair of machinery and equipment. Installation of industrial machinery and equipment. Production and processing of metals. Manufacture and repair of metal structures. Repair and maintenance of other means of transport.



Organizácia zodpovednosti výrobcov
pre elektrozariadenia ASEKOL SK
zapísaná do Registra „OZV" Ministerstva životného prostredia Slovenskej
republiky pod číslom registrácie 0014/OEEZ/OZV/A/16-3.3
vydáva

CERTIFIKÁT SPOLOČENSKEJ ZODPOVEDNOSTI
spoločnosti

IMC Slovakia, s.r.o.
a zapožičiava značku

TÁTO SPOLOČNOSŤ JE DRŽITEĽOM CERTIFIKÁTU

ECO
ekologická firma

Značka EKOLOGICKÁ FIRMA sa udeľuje za zodpovedný prístup k
životnému prostrediu, oddelenému zberu a triedeniu odpadov.

V Bratislave, dňa 30.10.2019 Platnosť certifikátu do 30.10.2022

Mgr. Ronald Blaho
Konateľ
ASEKOL SK s.r.o.

Certificate for ecological form for
a responsible approach to the environment,
separate collection and sorting of waste.



CECH ZVÁRAČSKÝCH ODBORNÍKOV
Certifikačný orgán pre certifikáciu systémov manažérstva kvality

Príloha certifikátu

č. SK – CW/3834/002/20-1
je neoddeliteľnou súčasťou certifikátu č. SK – CW/3834/002/20/B

názov a sídlo spoločnosti:

IMC Slovakia, s.r.o.
Šebešťanova 255, 017 01 Považská Bystrica

rozsah certifikácie
EN ISO 3834-2:2005

Súvisiace výrobkové normy a predpisy:	EN ISO 9606-1, EN ISO 15614-1
Alternatívne normy:	-

Metóda zvárania (EN ISO 4063)	Skupina základných materiálov (ISO TR 15608)	Rozmery základného materiálu	Poznámka:
135	3	-	podľa WPQR
141	8	-	podľa WPQR
-	-	-	-
-	-	-	-
-	-	-	-

Pracovníci zváračského dozoru (EN ISO 14731)	Meno a priezvisko	Osvedčenie
zváračský dozor	Ing. Ľubomír Huliaček, PhD.	SK-EWE/011/1
-	-	-

SNAS
Reg. No. 249/Q-056

Miesto vydania: Trnava
Dátum vydania: 02. 05. 2020
Platnosť certifikátu do: 01. 05. 2023

Dipl. Ing. Anton Kokeno, IWE
vedúci CW CZO Trnava

Integral part of Certificate
No. SK - CW/3834/002/20/B

IMC SLOVAKIA

www.imcslovakia.sk

Business address

IMC Slovakia, s.r.o.
Šebešťanová 255
017 01 Považská Bystrica
Slovensko

Company billing information

ID 31 632 220
TAX ID 20 20 44 03 56
VAT ID SK 20 20 44 03 56

Account number: 360 439 340/0900
IBAN: SK73 0900 0000 0003 6043 9340
BIC: GIB ASK BX

Registration: the company is registered in the Commercial Register of District Court Trencin Section: Sro, Insert No. 3077/R.