



METAL TRADE COMAX, a.s.

PROFILE CENTRES

100,000 tons of rolled steel profiles per year,
precision in every piece



METAL TRADE COMAX, a.s.

273 24, Velvary 420, Czech Republic
info@mtcomax.cz · www.mtcomax.cz



ISO 9001
ISO 14001
ISO 45001
ISO 50001
IATF 16949

About us

Product portfolio:

- Open, closed and welded profiles with a square, rectangular, round or oval cross-section
- Structural and precision - calibrated types
- Special shape profiles
- Perforated profiles (lasered or punched)
- Rigidized profiles
- Pre-painted profiles



Quality material option:

- HDG steel with a zinc layer 100 - 275 g/m²
- Cold-rolled steel
- Pickled steel
- Steel with ZnAlMg coating (Magnelis)
- Pre-painted steel



Production parameters:

- Max. extended width: 380 mm
- Min. thickness: 0,4 mm
- Max. thickness: 3,5 mm
- Max. strength: 500 MPa
- Length: 4,000 - 8,500 mm
- Fix length (cut): 150 - 4,000 mm



Technology maturity:

- 21 roll forming lines
- 3 high-capacity welding lines
- ADIGE LT 5 and ADIGE LT Fiber EVO laser-cutting machines
- 2 MOD 715 NC saws
- 3 low speed saws
- 2 ADIGE TS 72 saws



Further processing options:

- Surface treatment by powder coating, galvanizing and chrome plating; provided if the input material is specially selected.
- Cutting to exact lengths on automatic circular and band saws.
- Perforation with modern lasers; max input length of semi-finished products 8,500 mm max length of final tubes and profiles 6,000 mm.
- Bending of profiles



New profiles development:

- The development of new products is carried out by highly qualified engineers with many years of experience in the field.
- For the design and optimization of tools for new products we use the COPRA software from DATA M.



Certificates



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
IATF 16949:2016

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ID 1100005063

CSTB
le futur en construction

Certificate

Steel reinforcements for window products
Windows, doors, verandas and accessories

QB

KUNSTSTOFF
FENSTERPROFILSYSTEME

RAL
Simply Excellent

CERTIFICATE

OF PARTICIPATION IN RAL QUALITY ASSURANCE

Am Hofgarten 1-2 | D-53113 Bonn | gfp.de

PVC windows & doors



Our standards:

- open, closed and welded window profiles
- wall thickness: 0.7-3.5 mm
- standard lengths: 6.0 m and 6.5 m
- option of specific lengths
- length accuracy +/- 2.5 mm

Other options:

- profiles with different shapes of punched holes
- profiles with bevelled ends according to technical drawings provided by customers

Quality comes first:

QB44 CSTB and RAL-GZ 716 GKFP certificates

Despite our large production capacity, quality is our number one priority - in addition to ISO certificates, we hold the **QB44 CSTB** quality mark and the

RAL-GZ 716 GKFP quality mark in the sector of profiles for PVC window and door frames.



Dry-wall & Modular ceilings



Our standards:

- smooth dry-wall profiles
- thin-walled / thick-walled option
- wall thickness: 0.6-2.0 mm
- 11 standard types of profiles

Current assortment:

- **Thin-wall profiles**
thickness: 0.6 mm
CD 60 | UD 28
CW 50 | CW 75 | CW 100
UW 50 | UW 75 | UV 100
- **Thick-wall profiles**
thickness: 2.0 mm
UA 50 | UA 75 | UA 100

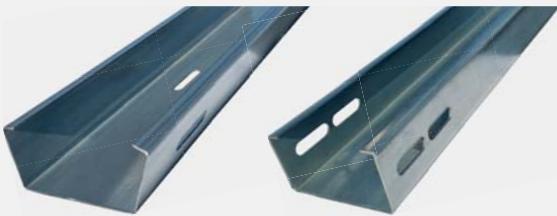


Special options:

- **Rigidized profiles** (profiles for higher rigidity of the final structure by up to 30%).
- **Pre-painted profiles** (profiles with increased corrosion resistance C3, C5 for the environment with high humidity or the risk of water condensation).



Solar power plants



Our standards:

- steel with a special ZnAlMg surface treatment
- wall thickness: 1.0 - 3.0 mm
- lengths and shapes are customised

Intended for all solar structures:

- ground-mounted PV power plants
- agrovoltaic power plants
- rooftop solar plants
- solar fences
- solar carports and pergolas



Precise welded tubes & profiles according to EN 10305-3



Our standards:

- precision and structural tubes Ø 20 - 102 mm
- square profiles from 20 x 20 mm to 80 x 80 mm
- rectangular profiles from 15 x 30 mm to 120 x 40 mm or 100 x 60 mm
- wall thickness: 0.9 - 3.5 mm
- surface quality S2, S3 and S4 including anti-corrosion treatment of the weld
- production lengths: 4,000 - 8,500 mm with a tolerance of +/- 2.5 mm

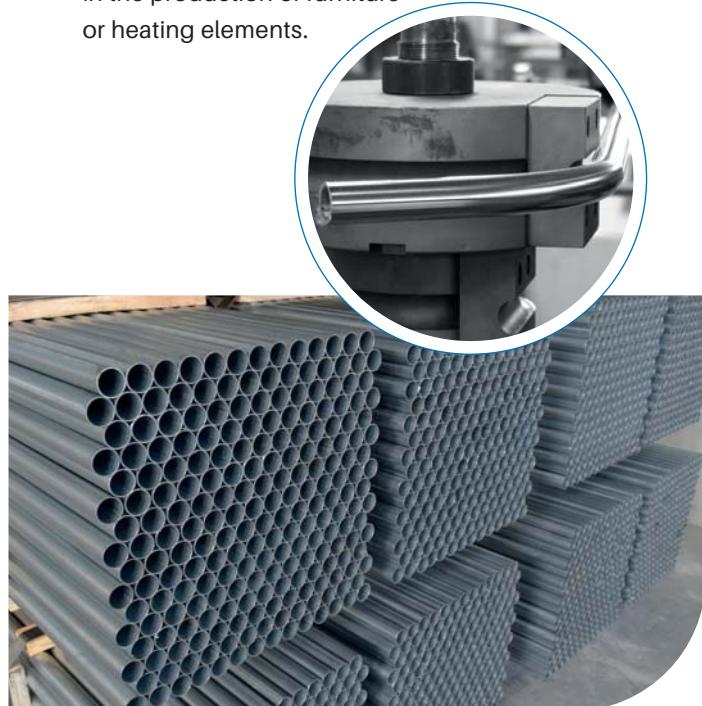
Special option:

- fix lengths from 17 mm
- bending, chamfering, grinding, embossing



Wide use in various industries:

- Our welded tubes and profiles are mainly used in engineering and the automotive industry, in the production of furniture or heating elements.



Garage / Sectional doors



Our standards:

- over 30 types of profiles in standard or special lengths
- a range of supporting welded profiles for the installation of springs on industrial gates up to a size of 80 x 80 x 3 mm

Tracks:

thickness 1.5 mm | 2.0 mm

Curved tracks: R 300 | R 380

thickness 1.5 mm | 2.0 mm

Angles:

thickness 1.5 mm | 2.0 mm

Struts:

thickness 1.0 mm

Mounting (C-) channels (round/oval holes):

thickness 1.5 mm | 1.7 mm | 2.0 mm

Perforated L-profiles (with round holes):

thickness 2.0 mm

Other options:

- laser adjustment
- preparation for direct assembly
- atypical processing

Laser cut profiles



Our standards:

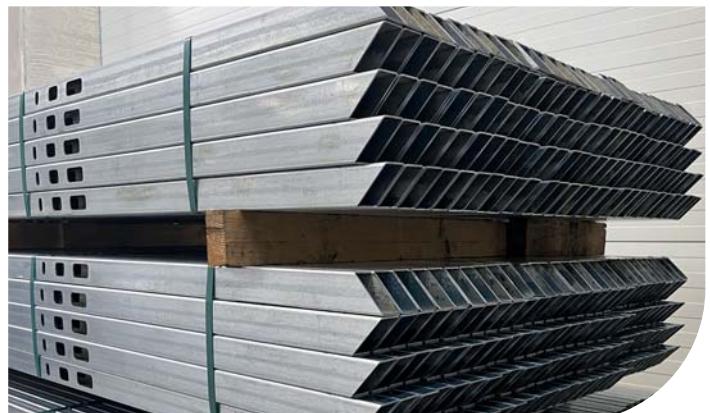
- **cutting of standard closed profiles**
 - round shapes Ø 12 - 120 mm
 - square with side length 12 - 120 mm
 - rectangular, oval and flat oval with a circumradius up to 170 mm
- **cutting of standard open profiles**
 - L, U, C, I shapes in sizes 30 x 20 - 120 x 120 mm
 - flat bars 40 x 5 mm and 120 x 5 mm
- **cutting of special closed and open profiles**
 - cross-sections with a circumradius up to 170 mm

Production parameters:

- **profiles lengths**
 - input length for profiles: 4,000 - 8,500 mm, for strip steel: max. 7,400 mm
 - max. output length: 6,500 mm
- **wall thickness according to material:**
 - carbon steel - max. 6 mm
 - alloy steel (stainless) - max. 5 mm
 - aluminium alloys - max. 5 mm
 - brass - max. 5 mm

Our machinery:

- laser ADIGE LT Fiber EVO
- laser LT 5 ADIGE
- BTM CNC bandsaws
- automatic circular saw ADIGE





Production and storage area: **46,000 m²**.

Our production capacity reaches **100,000 tons** of profiles per year.



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273 24, Velvary 420, Czech Republic, VAT: CZ49684442, DE326552286, SK4020121039
e-mail: profile@mtcomax.cz | www.mtcomax.cz



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