



METAL TRADE COMAX, a.s.

PROFILE CENTRES

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



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ISO 9001
ISO 14001
ISO 45001
ISO 50001
IATF 16949



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
- Flx 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.



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

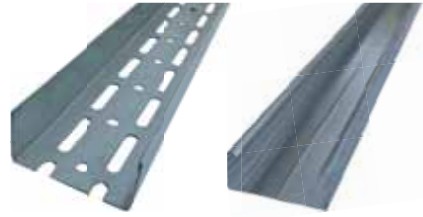
Quality comes first:

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



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

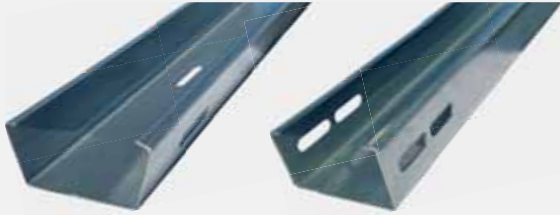


Special options:

- **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

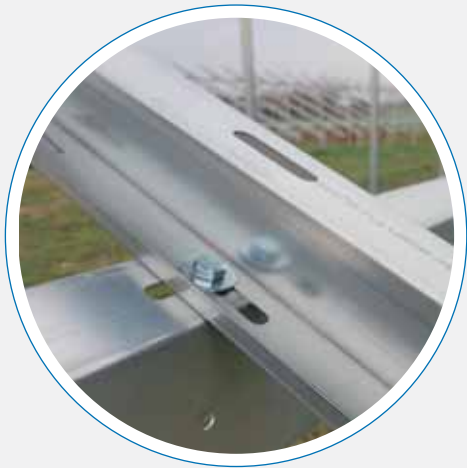


Our standards:

- 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 10305-3-5



Our standards:

- precision and structural tubes \varnothing 20 - 102 mm
- square profiles from 20 x 20 mm to 80 x 80 mm
- rectangular profiles from 15 x 20 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 150 mm

Wide use in various industries:

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



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 \varnothing 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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