welser profile

Metal Section Bending

Quality, true to form.

www.welser.com

Sophisticated

Bending Solutions for
Demanding Applications

SIDE IMPACT
PROTECTION

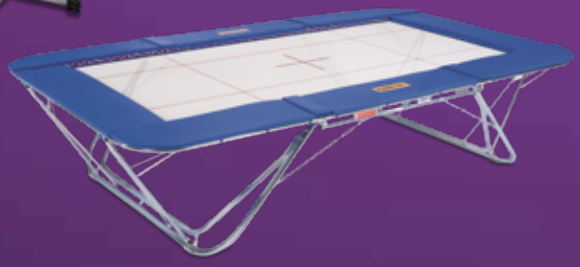
B POST
REINFORCEMENT

SECURE
CAB FRAMES

STRUCTURAL PARTS

LIGHT
ROBUST

FRAMEWORK
FOR SPORTS EQUIPMENT



WELSER PROFILE'S CURVED METAL SECTIONS ARE ALSO USED IN:

- SAFETY STRUCTURES
- BODY IN WHITE COMPONENTS
- RAIL CARRIAGES

When it comes to extremely precise bending, where cross section and surface finish effects must be kept to an absolute minimum, our partners rely on Welser Profile's bespoke metal section bending capabilities.

SAFE

SIDE WALLS
DOOR FRAMES

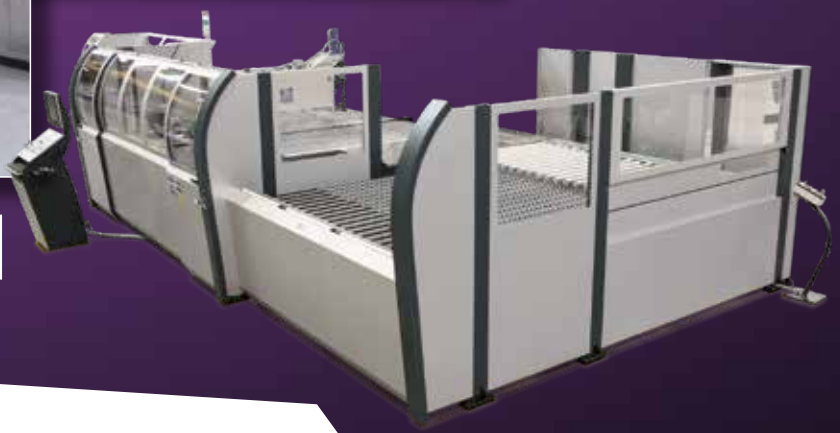
FACADE
SECTIONS

ELEGANT

TRACKS AND
GUIDE RAILS

ROBUST

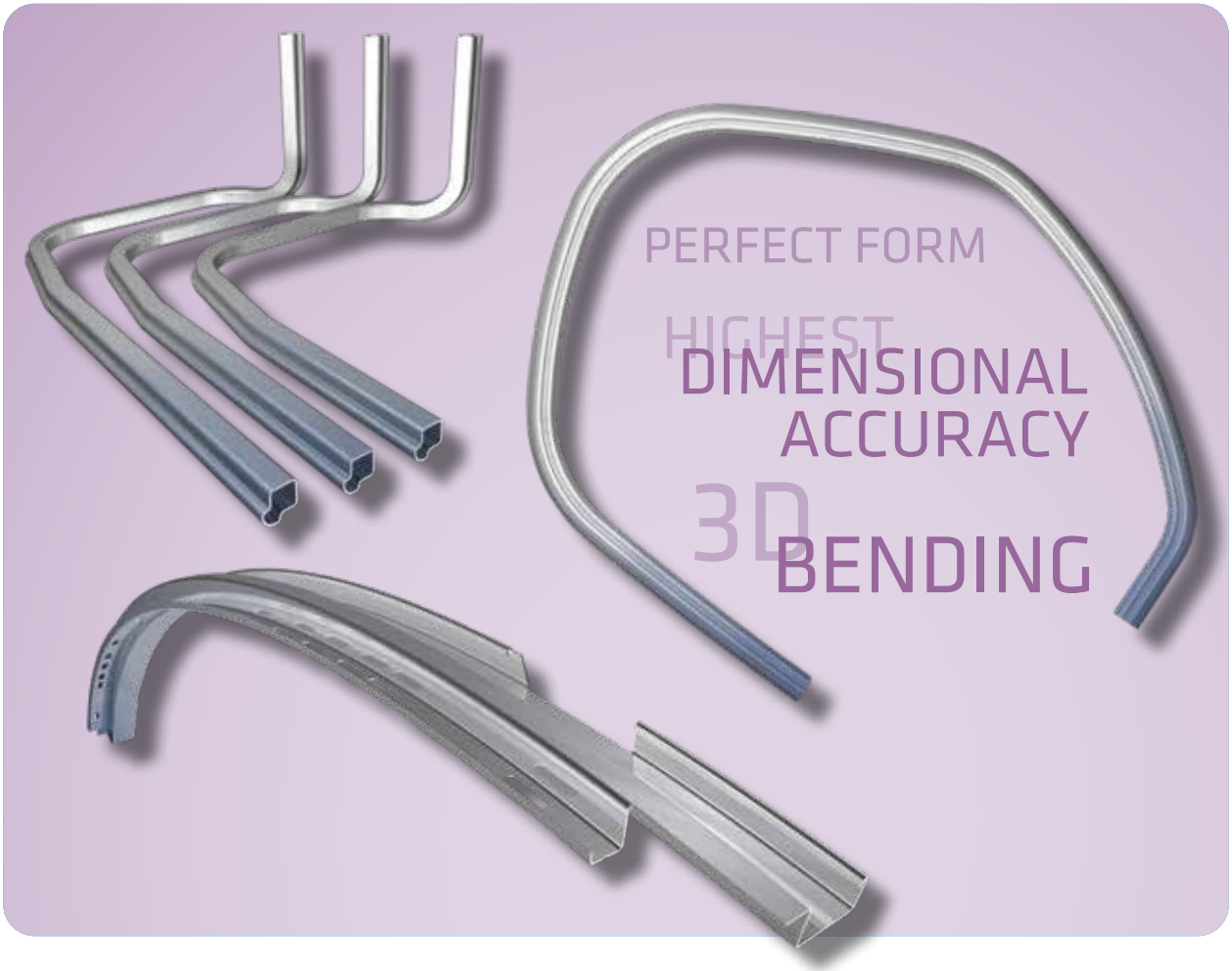
WINDOW
PROFILES



HIGH STRENGTH
LOAD BEARING

FRAMEWORK
FOR MACHINES

Quality True to Form



CONSUMMATE CONTROL

- Tightly toleranced, very exact shapes to facilitate integration into final product
- Extremely tight bend radii possible
- Complex 3D Bending capabilities

Only the Highest Quality from Welser Profile

Extensive quality procedures ensure that all Welser metal sections meet the most stringent quality criteria. In addition to preventative planning measures, continual production controls ensure adherence to the highest quality standards, from the feedstock material through to the finished Welser product.

- ISO 9001 & IATF 16949 Certified
- ISO 14001 & OHSAS 18001 Certified
- Feedstock Material Controls, including on site tensile testing
- First Sample Customer Certified Production

Welser Profile's section bending solutions convincingly manage the challenging demands of bending complex metal cross sections whilst maintaining the required material properties and tolerances. Many years of experience, our in-house tooling design, development & construction capabilities, and our extensive expertise are combined to ensure your project's success.

EXEMPLARY CONDUCT

- Minimal cross section deformation even at high curvatures
- Bending capabilities across a range of cross section types:
  - Open / Welded
  - Symmetric / Asymmetric
  - Very thin / Very thick walled profiles

PERFECT SERVICE

- 100% Part testing if required
- Several bending directions seamlessly combined within one part
- High strength steel & stainless steel section bending capabilities
- Perfect surface finish even at high curvatures

Success has many components ...

PRODUCT DEVELOPMENT
- Many years experience of metal section bending
- Support & expertise offered even at your design phase
- FEA Simulation

LOGISTICS
- Dedicated contacts for customer support
- Bespoke packaging
- Flexible transport solutions
- Security of supply through production sites in Austria, Germany & the US

... but only one name: Welser Profile.

The Welser Profile name is recognised throughout the world as *the* specialist when it comes to successfully converting your bespoke, complex metal section requirements. To date, more than 24,500 individual metal cross sections have been developed, and every day up to 5 more are created.

DOWNSTREAM PROCESSING
- Customer defined processing level
- Fully finished products ready for installation
- Production of multiple metal section modules

RAW MATERIAL FEEDSTOCK
- Customer defined material specifications
- High strength steels & stainless steels
- Customer defined surface properties

ROLL FORMING
- In-house metal section production
- Optimised roll forming
- Economic production through process integrated bending

Our Innovations give Life its Profile

As specialists in roll forming and finishing of metal sections, we work in close collaboration with our customers to produce individual solutions in steel, stainless steel and non-ferrous metals.
- Open bespoke metal sections
- Welded metal section tubes
- Complete multi-section modules

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More than 2400 employees across the sales offices and the 5 production plants in Ybbsitz, Gresten (in Austria), Bönen (in Germany) and Valley City (in the US) are continually working to successfully bring the requirements of our international customers to fruition.

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