Investing in our Future.

More than 2,500 employees across the sales offices and the 4 production plants in Ybbsitz, Gresten (Austria), Bönen (Germany) and Valley City (USA) are continually working to successfully bring the requirements of our international customers to fruition.

We make the impossible possible.
Bespoke solutions for a wide variety of applications

Welser partners you through the challenges of converting complex requirements into bespoke metal sections. With our indepth knowledge, unique experience and modern facilities, we specialize in producing the most accurate, economic and efficient solutions.

Forming Capabilities
- Open and closed special metal sections, as well as complete systems, tailored to each customer's individual requirements.
- More than 90 roll forming lines with over 60 different roll forming stages.
- Step thickness from 0.2 to 0.52 millimeters (0.008 to 0.020 inches), profile width up to 8.5 inches (215 mm), profile length up to 49.2 feet (15 metres) long.
- Cross-sectional optimization: The cross-section can be selectively thinned to reduce weight.
- Profile splitting: Profile features can be thinned to reduce weight.
- Interval punching of complex hole patterns, deep punching and embossing in the flat strip.
- Automatic length correction including 100% length measurement of pre-punched holes.
- Slot punching is possible within the profiling machine.
- Steep up to 90° up and cutting of additional features can be performed ex-situ/locally.
- Entire parts can be produced through our machine-punching processes.

Bending Capabilities
- Roller bending: Ultra-modern 5 Axis. Modular machine flexible three determined bending processes. Ideal for thin and thick material (up to 0.023 inches and 0.05 to 1 inches thick), producing shallow curves.
- Laser bending: Continuous laser bending performed on the profiling machines, very economical with many opportunities for further processing.
- Laser welding: Double headed welding stations allow us to weld groups of metal sections with differing material thicknesses and radii. (3.15 millimeters thick and 0.25 to 0.35 millimeters thin, 15 degrees thick).
- Portable CO2 laser systems allow infinitely long online welding of single or multi-hollow sections directly on the profiling machine, with additional processing steps.

Cutting Technologies / Profile End Processing
- Cutting or the profiling machines: Flat or cold cuts, dressing and waste-free trimming.
- Profile End processing: Various laser cutting techniques, including CO2 laser, fiber laser, and fiber laser cutting systems.

Laser Capabilities
- Laser Cutting: Ultrasonic 5 Axis. Modular machine flexible three determined bending processes. Ideal for thin and thick material (up to 0.023 inches and 0.05 to 1 inches thick), producing shallow curves.
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Laser welding: Double headed welding stations allow us to weld groups of metal sections with differing material thicknesses and radii. (3.15 millimeters thick and 0.25 to 0.35 millimeters thin, 15 degrees thick).
- Portable CO2 laser systems allow infinitely long online welding of single or multi-hollow sections directly on the profiling machine, with additional processing steps.

More Value.

Our aim is to provide you with the optimal solution for your application. Sometimes less is more. A complex application doesn’t always require a complex metal section – a high value section does not necessarily mean high costs. Our experts are here to help you.

There’s only one area where we don’t try to save, and that’s Customer Service.

Product Development
- Expertise gained through decades of experience in a wide variety of target markets.
- Support for our own technical sales team, particularly in customer development projects.
- Illustration by our FEA-supported simulation.

Tooling Construction
- All of our tooling is designed and manufactured in-house. We offer several advantages to our customers.
- Greater flexibility to make changes.
- Possibility of ongoing design adaptations.
- Fast response times.
- Adherence to deadlines.

Logistics
- Security of supply with redundant systems.
- Integrated supply and distribution network.
- Just in Time / Traceability.
- State-of-the-art logistics solutions with our manufacturing plants.
- Economic production.
- Online sales (e.g. Greens, Swiss, Eames/Crombie) and Horn (Switzerland).
- Logistics centre in Horn.
- Product packaging and logistics are optimized to customer requirements.
- Environmental: ISO 14001:2015
- Health and Safety: OHSAS 18001:2007
- Intellectual property is documented and recorded.
- Total Quality Management
- Possibilities to incorporate different connection techniques, including rivets to withstand dynamic loading, such as cement, stitching, bonding and other pressure joining methods.
- Possibilities to incorporate different materials such as carbon or plastic into metal sections.
- Additional robotic / MIG / MIG welding stations.

Exclusivity
- We guarantee our customer’s confidentiality.
- Intellectual property is disclosed and recorded.

Quality Certifications
- Health and Safety: OHSAS 18001:2007
- Environmental: ISO 14001:2015

Materials / Surface Quality
- Materials: Cold rolled strip, hot rolled strip, stainless and distortion control steel, high purity galvanized, coated strip, magnesium coated strip in thicknesses from 0.020 to 0.0323 inches (0.51 to 0.82 mm). Also available in complex geometries and special materials (e.g. copper, brass, aluminum, nickel and other high strength alloys).
- Punching and bending: Features are designed around the surface quality of the raw material (e.g. electrophoretically coated, ground, brushed and polished).

Welding / Embossing Capabilities
- Modular tooling construction provides greater flexibility.
- Internal punching of complex hole patterns, deep punching and embossing in the flat strip.
- Automatic length correction including 100% length measurement of pre-punched holes.
- Slot punching is possible within the profiling machine.
- Steep up to 90° up and cutting of additional features can be performed ex-situ/locally.
- Entire parts can be produced through our machine-punching processes.

Laser Capabilities
- Laser Cutting: Ultrasonic 5 Axis. Modular machine flexible three determined bending processes. Ideal for thin and thick material (up to 0.023 inches and 0.05 to 1 inches thick), producing shallow curves.
- Laser welding: Double headed welding stations allow us to weld groups of metal sections with differing material thicknesses and radii. (3.15 millimeters thick and 0.25 to 0.35 millimeters thin, 15 degrees thick).
- Portable CO2 laser systems allow infinitely long online welding of single or multi-hollow sections directly on the profiling machine, with additional processing steps.

Cutting Technologies / Profile End Processing
- Cutting or the profiling machines: Flat or cold cuts, dressing and waste-free trimming.
- Profile End processing: Various laser cutting techniques, including CO2 laser, fiber laser, and fiber laser cutting systems.

Laser welding: Double headed welding stations allow us to weld groups of metal sections with differing material thicknesses and radii. (3.15 millimeters thick and 0.25 to 0.35 millimeters thin, 15 degrees thick).
- Portable CO2 laser systems allow infinitely long online welding of single or multi-hollow sections directly on the profiling machine, with additional processing steps.

Downstream Processing
- The duration of downstream processing can be determined by the customer.
- A wide variety of welding connection techniques, including fillet to full restraint dynamic loading, such as cement, stitching, bonding and other pressure joining methods.
- Possibilities to incorporate different materials such as carbon or plastic into metal sections.
- Additional robotic / MIG / MIG welding stations.

Total Quality Management
- Feedback material is inspected every time.
- Quality assessments.
- Inspection certificates.
- Sample inspections.
- Supplier audits.
- The same standards are applicable to all production sites.
- Static 3D coordinate measuring machine.
- Mobile 3D measuring device.
- Inductive measuring systems.
- Total quality approval.
- Customer audits (Process/system audit)
Weser partners you through the challenges of converting complex requirements into bespoke metal sections. With our indepth knowledge, unique experience and modern facilities, we specialize in producing the most accurate, economic and efficient solutions.

Bespoke solutions for a wide variety of applications.

Materials / Surface Quality
- Materials: Cold rolled strip, hot rolled strip, stainless steel, and aluminum.
- Surface quality: Cold rolled strip, electrolytic zinc coated strip, chrome and chrome-plated strip, zinc/magnesium coated steel strip.
- Special materials: Copper, brass, bronze, nickel and other high strength alloys.

Forming Capabilities
- Cross sectional optimization: Strip thickness from 0.011 to 0.591 inches (0.3 to 15 mm), profile height up to 8.7 feet (27,000 mm), profile length up to 1.2 miles (2000 m).
- Profile splitting: Profile features can be thinned to reduce weight.
- The cross-section can be selectively profiled for customer requirements.
- Interval punching of complex hole patterns: Deep punching and embossing in the flat strip.
- Automatic length correction: 100% length measurement of pre-punched holes.
- Slot punching is possible within the punching machine.
- Steaming up to cutting and punching of additional features can be performed in a single step.
- Entire parts can be produced through our high-speed punching processes.

CNC Bending Capabilities
- Roller bending: Low cost tooling to produce shallow curves.
- Press bending: Economical method of quickly producing shallow curves. (4.5 mm) thick and 49.2 feet (15 metres) long.
- Laser cutting: Ultra-modern 5 Axis. Laser systems allow infinitely long online welding of single or multi hollow sections directly, or the profiling machine, with or without additional processing steps.
- Laser welding: Double header laser welding stations allow us to weld groups of metal sections with differing material thicknesses and curvatures - can be processed.
- Laser welding: Continuous laser systems allow us to achieve great flexibility in both laser welding and laser shaping.
- High precision parts:酥饼, save, soap, small, soap, small, soap, small.

Cutting Technologies / Profile End Processing
- Cutting or the profiling machine: Flat to cool curves, trimming and waste-free trimming.
- Profile End processing: Various hydraulic manipulation capabilities, deburring devices, laser shaping.
- Downstream Processing
- Downstream processing can be diversified by the customer.
- A wide variety of reliable connection techniques, including those for efficient static and dynamic loading, such as welding, clinching, bonding, and other pressure joining methods.
- Possibilities is incorporated into different materials such as rubber or plastic as well as metal sections.

More Value.

Total Quality Management
- Total Quality Management: Exposure gained through decades of experience in a wide variety of target markets.
- Quality assessment: Supplier quality checks, sample inspections.
- Supplier audits: The same standards are applicable to all production sites.
- Statistic 3D coordinate measuring machines: Mobile 3D measuring devices.
- Inductive testing systems: Tooling and (bending) fixtures are manufactured on-site.
- Customer audits: Modular tooling construction.

Exclusivity
- We guarantee our customer’s confidentiality.
- In-depth knowledge is documented and recorded.
- Simultaneously our customers can benefit from our huge experience in non-exclusive metal section developments.

Quality Certifications

There’s only one area where we don’t try to save, and that’s Customer Service.
Bespoke solutions for a wide variety of applications

Welser partners you through the challenges of converting complex requirements into bespoke metal sections. With our in-depth knowledge, unique experience and modern facilities, we specialize in producing the most accurate, economic and efficient solutions.

**Cross sectional optimization:**
More than 90 roll forming lines with open and welded special metal sections. It is now possible to vary the width and/or height of a profile along its length.

**Materials / Surface Quality**
- **Materials:** Cold rolled strip, hotrolled strip, galvanized steel, stainless steel, coated strip, extrusions, coated metal sections and special materials (e.g. copper, brass, bronze, nickel and other high strength alloys).
- **Surface finishes:** Standard and customised finishes are designed around the surface quality of the end material (e.g. aggressively cut, ground, brushed and polished).

**Punching / Embossing Capabilities**
- **Rolling dies:** Roll tooling construction provides greater flexibility.
- **Internal punching of complex hole patterns:** Deep punching and embossing in the flat step.
- **Automatic length correction:** Includes length measurement of pre-punched holes.
- **Stitch punching:** Possible within the profiling machine.
- **Stain length and cutting of additional features:** Can be performed ex-stock from coil.
- **Eject parts:** Can be produced through our in-house punching processes.

**Bending Capabilities**
- **Rolling bending low cost tooling:** To produce bending tooling to create complex cross sections.
- **Bending bending:** Allows bending of very tight radii with minimal cross section deformation even at high curvatures.
- **Laser welding:** Double bend welding stations allow us to weld groups of metal sections with differing material thicknesses and profiles into complex, high strength structures.
- **Roller Bending:** Low cost tooling to produce shallow curves.
- **Press bending:** Can be an economic method of producing shallow curves.
- **Stretch bending:** Continuous bending performed on the profiling machine, very economic with many possibilities for further processing.

**Laser Capabilities**
- **Laser Cutting:** Ultrasonic 5 Axis, Multitask facade features three dedicated cutting processes. With highly flexible cutting speeds of 8.5 ft/min and 77.5 ft/min (8.5 ft/min and 77.5 ft/min) on individual axes.
- **Laser Welding:** Double bend welding stations allow us to weld groups of metal sections with differing material thicknesses and profiles into complex, high strength structures.

**Cutting Technologies / Profile End Processing**
- **Coring and the profiling machine:** Flat or oval cores, forming, bending and wave-free trimming.
- **Profile End processing:** Various hydraulic manipulation capabilities, deburring, forming, laser shaping.

**Profile End Processing**
- **Cutting Technologies:**
  - **Downstream Processing:**
    - **Components:**
      - **Laser welding:** Double bend welding stations allow us to weld groups of metal sections with differing material thicknesses and profiles into complex, high strength structures.
      - **Roller Bending:** Low cost tooling to produce shallow curves.
      - **Press bending:** Can be an economic method of producing shallow curves.
      - **Stretch bending:** Continuous bending performed on the profiling machine, very economic with many possibilities for further processing.

**Quality Certifications**
- **Processes:** ISO 9001:2015
- **Automotive:** IATF 16949:2016
- **Health and Safety:** OHSAS 18001:2007
- **Environmental:** ISO 14001:2015
- **Energy:** ISO 50001:2011
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