



## Harvest the fruits of your labour – with Welsper sections.

COMPLEX AND INNOVATIVE are terms, which can be used to describe the agricultural industry. Not only do profiles used in this industry need to be robust and have a long service life, they are also required to take on a wide variety of functions. High dynamic loads means that often a weight saving is required, whilst at the same time maintaining a high level of stability among the components. We have the expertise and production capabilities to meet your precise individual requirements.

Weight Saving

High Strength

Cost Effective

Variety Of Functions

Dependable

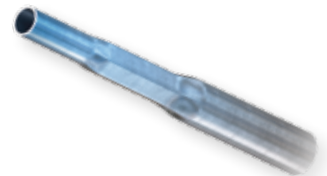
Robust/Long Service Life



## OUR CAPABILITIES

We welcome the opportunity to share our extensive experience in system development. We develop complex cross sections in collaboration with our customers by selecting the most suitable combination of proven and modern production techniques:

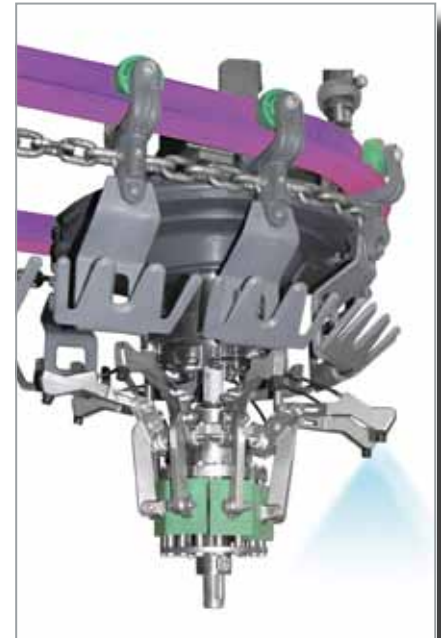
- Punching, embossing
- Various joining techniques (riveting, toxing, clinching and pressure joining technologies, adhesive bonding ...)
- High frequency and laser welding
- Laser cutting
- Drilling, flow drilling, threading, 3D mitre cutting, milling
- Complex radius bending
- Precision tube end working provides anti-twist protection and torque transmission
- Optimisation of the strip thickness integrated into the production process, produces profiles with varying wall thickness to meet their specific application
- and much more ...





## WHY WELSER?

- High level of **quality in strength, rigidity and dimensional stability**, as well as **repeatability**, particularly with regard to hole positioning, even on longer profile lengths
- **Tightest tolerances possible** – in line with customer requirements used in highly specialised joining techniques
- Fulfilling **key requirements** whilst delivering **additional benefits** including an indentation process for making notches, holes or grooves to accommodate non-visible cooling elements and sprinklers
- Short turnaround time and bespoke design using **tooling manufactured in-house**
- Economical production developed in **collaboration with the customer** → low risk, insight into new ideas, synergy effects, cost reduction
- **Higher degree of complexity** possible with roll forming compared to conventional metal working processes such as brake pressing
- **Weight savings** due to the application of high strength pre-materials
- **Highly economical** due to the continuous production process and integration of additional manufacturing steps such as punching, embossing, bending etc.
- Possibility of **one-piece profile solutions** in place of welded components → avoiding welding distortion amongst other factors



Guide track (purple) for abattoir conveying system.



Cab section as well as axle for the guide tracks of grape harvesting machines.



Fabric mounting bracket for side ventilation of barns

## INFO – Welsers Profile

- Manufacturer of bespoke sections and tubes made from steel, stainless steel and non-ferrous metals
- Family organisation currently in its 11<sup>th</sup> generation
- More than 19,000 different profiles produced to date
- Total manufacturing area 420,000m<sup>2</sup>
- Approx. 1,750 employees
- 3 production sites
- 12 sales offices