

#### We make more out of metal.

#### umetec GmbH Steelwork

Technologie- und Gewerbepark (TGE)

Marie-Curie-Straße 5 16225 Eberswalde I Germany



# DV/S<sub>ZERT</sub>

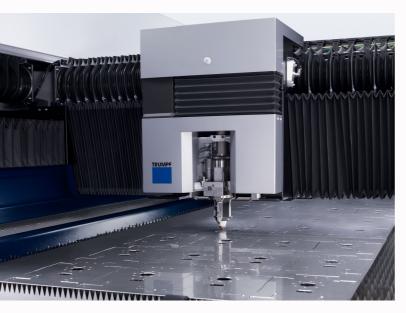
- ISO 9001-2015
- ISO 3834
- EN 15085-2 (welding of railway vehicles and railway vehicle parts)

#### **Special components I Series production**

- we plan and manufacture your individual metal solution
- production of individual special components I complex metal construction projects I welded assemblies
- series production of individual laser and edged components
- recognised quality across the entire range of manufacture in steel construction
- complete: planning I production I construction
- solid values and unbureaucratic flexibility
- 60 highly qualified employees

## Wind power and solar industry I mobility and logistics companies I automotive and vehicle industry

#### Modern and innovative machinery park



## Laser tech

#### **TRUMPF** TruLaser 3030 | 3030 fiber | 2030 fiber

Quality I Process reliability I Precision

- burr-free parts even with thick steel
- special parts with small contours
- tubes I profiles I thick structural and stainless steel
- max. sheet sizes: 1500 x 3000 mm
- max. thickness stainless steel up to 20 mm I steel up to 25 mm I aluminium up to 20 mm



## **Bending tech**

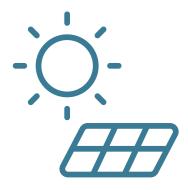
#### **TRUMPF TruBend 5230 | 7036**

Flexibility I Precise bending angles

- max. bending length: 3000 mm
- pressing force 2300 kN
- various tools for different bending radii/thicknesses
- · can bend complex thin and thick sheet metal parts with high angular accuracy
- bends even long profiles straight

TRUMPF

#### Thorough coordination with the client



## **Sustainability** STAHLBAU

produces 145.000 kWh solar energy in the year



#### Manufacturing in compliance with the highest safety standards

#### We value communication

#### Talk to us



#### Contact **Alexandra Walter (CEO)**

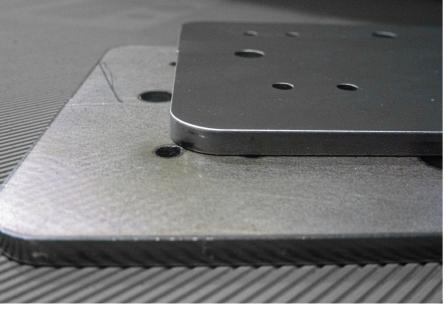
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# **Profil processing**



## **Deburring machine**

### **URBAN CNC-Profil processing centre AP 6500-B**

Milling work I Drilling work

- part machining
- wide working range 6.500 mm (if nec. up to 13.000 mm) at 300x400 mm
- belt spindle power 5,5 kW at 6000 rpm Heidenhain CNC control TNC 620

### NS Máquinas DM1100 ZC EVO

Deburring I Edge rounding

- up to 1.000 mm working width
- from 50x50 mm part size
- transverse band technology
- internal and external contours are deburred over the entire surface

metec GmbH I Status January 2023 I Photos: Adobe Stocks I TRUMPF Group I Urban Maschinenbau GmbH I Christoph Große/pivopix

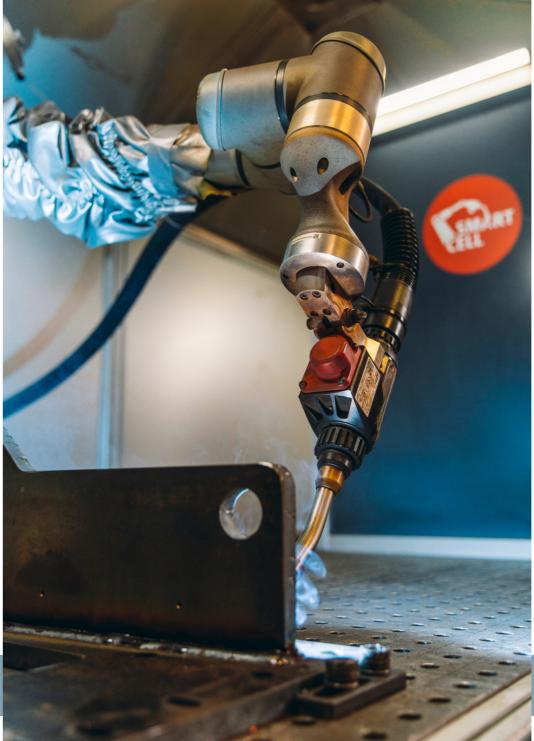
We understand the demands of the modern steel-construction industry

- flexible manufacturing solution for long and small









umetec GmbH has invested in the innovative and fully automated COBOT WELDING.

The SmartCell from FRONIUS combines an intuitive operating concept with reproducible high quality welding.

CE stampes for the safety of our employees.

#### **Our services**

Perfect Welding

- 20 welding workstations

**COBOT WELDING** 

## Welding technology



 welding methods WIG I MIG I MAG Certification according to DIN EN ISO 3834 • fully automated COBOT WELDING with the SmartCell from FRONIUS GmbH

