



Press Release

Blechexpo 2021: TRUMPF offers fastest bending solution for tall, thick parts

New TruBend Center 7020 offers highest box height of any commercially available panel bending machine // Reduces cycle time by up to 80 percent compared to manual press brakes // Fast and economical solution for small-volume, high-mix production

Ditzingen, Germany, October 13, 2021 – High-tech company TRUMPF will be unveiling a new fully automatic panel bending machine at this year's Blechexpo international trade fair for sheet metal working. Designed to process complex parts quickly and efficiently, the new TruBend Center 7020 can bend parts with side lengths of up to 350 millimeters. The machine can also handle material thicknesses of up to four millimeters extending over the entire bending length. "No other panel bending machine on the market can offer this level of performance when it comes to box height and material thickness. As a solution provider for the sheet-metal process chain, this new TRUMPF machine gives users a real competitive edge. They can now harness the benefits of panel bending for more parts than ever before – producing complex geometries, saving time and getting high quality results," says TRUMPF product manager Florian Jud. The machine also achieves impressively high productivity. Compared to a manual press brake, the new TruBend 7020 works up to 80 percent faster, depending on the specific part and bending operations involved. Panel bending technology is particularly suitable for fabricating complex parts with radius bends, short side lengths, and narrow profiles. It produces these kind of parts more efficiently and at a higher level of quality than traditional die bending.

Faster bending with the new rotary part manipulator

The TruBend Center 7020 owes its short cycle time to a new rotary part manipulator, which can move the part even closer to the bending line. In many cases, this reduces the cycle time by eliminating the need to reposition the grippers during processing. The TRUMPF engineers also designed the machine to be as open and accessible as possible. Workers can load and unload the machine from the side without having to lean into the interior. This saves time and is more ergonomic. Just like its predecessor, the TruBend Center 7020 uses

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the ToolMaster system to ensure that the blank holder tools, which hold the part in place during the bending process, are correctly matched to each workpiece, thereby reducing set-up time. Programming is equally quick and easy: with the tried-and-tested TecZone Fold software, users can create the bending program on the computer in just a few clicks.

Compact format, versatile use

With compact external dimensions measuring less than six by six meters, the system fits easily on almost any shop floor. The TruBend Center 7020 can be used to process parts up to two meters long. That makes it the perfect choice for producing large electrical cabinets for machines and for the construction industry, as well as tool cabinets, booths, battery trays and machine enclosures. Catering to a flexible range of material thicknesses and part heights and offering simple programming and short set-up times, this system is particularly suitable for job shops and other sheet-metal fabrication businesses that are looking to produce a broad variety of parts in both large and small batches.

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TruBend Center 7020

The TruBend Center 7020 allows users to harness the benefits of panel bending for complex geometries. (Source: TRUMPF)



Easy to use

With the TruBend Center 7020, it only takes a few clicks to create a bending program on the computer. (Source: TRUMPF)



Applications

The TruBend Center 7020 is the perfect choice for producing large electrical cabinets for machines or for the construction industry. (Source: TRUMPF)



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About TRUMPF

TRUMPF is a high-tech company offering manufacturing solutions in the fields of machine tools and laser technology. The Company drives digital connectivity in the manufacturing through consulting, platform products and software. TRUMPF is a technology and market leader in highly versatile machine tools for sheet metal processing and in the field of industrial lasers.

In 2020/21, the company employed some 14,800 people and generated sales of about 3.5 billion euros (preliminary figures). With over 80 subsidiaries, the TRUMPF Group is represented in nearly every European country as well as in North America, South America and Asia. The company has production facilities in Germany, France, the United Kingdom, Italy, Austria, Switzerland, Poland, the Czech Republic, the United States, Mexico and China.

Find out more about TRUMPF at www.trumpf.com

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