



## Press Release

# TRUMPF presents new TruPunch 3000 punching machine

**TRUMPF will also showcase its TruMatic 3000 fiber machine with combined punch-laser operation for even greater flexibility // New TruPunch 3000 scores high on productivity, process reliability and part quality // Numerous intelligent assistance systems make life easier for machine operators**

*Ditzingen, October 23, 2020* – TRUMPF will take the opportunity of the EuroBLECH 2020 online event to present its new TruPunch 3000 punching machine. From the outside, the new machine looks almost identical to its smaller sibling, the TruPunch 1000. That's because TRUMPF has now incorporated its tried-and-tested Delta Drive into the Series 3000 to boost throughput and shrink the machine's footprint. What's more, the TRUMPF developers have added a number of other features to this new machine to increase part quality and productivity. Alongside the TruPunch 3000, TRUMPF will also be presenting its new TruMatic 3000 fiber punch-laser machine, which includes the addition of a TruDisk 3001 with three kilowatts of laser power. The result is a great choice for users who wish to benefit from the flexibility of laser processing combined with highly productive punching.

### **More compact, higher throughput**

The TruPunch/TruMatic 3000 machines are highly productive and cost-effective even when used at medium capacity. With a working area of 2,500 x 1,250 millimeters in the medium-format version and 3,000 x 1,500 in the large-format version, they can handle metal sheets up to 6.4 millimeters thick. Thanks to the innovative Delta Drive concept, they offer a nine-percent increase in throughput compared to previous models. With a footprint of just 30 square meters, the new model is some 25 percent more compact than other comparable machines.



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### **A new approach to punching**

The patented Delta Drive eliminates the need for the sheet and work table to move in the Y-axis because it enables the punching head to “fly”, or move back and forth, across the sheet. The drive system of the Delta Drive is powered by three servomotors. The key to the Delta Drive is how it couples the punching action with the travel along the Y-axis. The sheet and work table do not move. This makes the punching process more reliable and boosts productivity.

### **Automatic loading and unloading**

The secret to this machine’s superior efficiency is the smooth flow of materials. Small parts automatically fall into a part chute that sorts them into up to four boxes. The TruPunch/TruMatic 3000 also features an additional, larger part flap that can eject parts measuring up to 400 x 600 millimeters and deposit them in two containers.

The machine can be equipped with the SheetMaster Compact and SortMaster Compact to ensure smooth and efficient loading and unloading. These provide an automated system for loading sheets into the machine and unloading blanks, microjoint sheets and scrap skeletons. The TruPunch/TruMatic 3000 part chute provides a gentle, reliable and automated means of ejecting and sorting finished parts.

### **High part quality**

The machine also features a descending die to ensure high-quality, scratch-free parts. This moves down after the punching stroke, preventing contact between the sheet and the die when the sheet is moving and avoiding collisions that could cause scratches during punching and forming.

The TruPunch/TruMatic 3000 is also the first combined punch-laser machine from TRUMPF to feature a control panel with a Touchpoint interface. Easier and more intuitive to use, this makes tool management simpler.

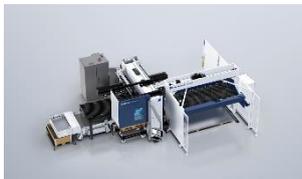


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### Laser machine with additional functions

The Delta Drive and the TruDisk disk laser make the TruMatic 3000 fiber particularly energy-efficient. Compared to other beam sources, the TruDisk is particularly productive in the six-millimeter sheet thickness range. This laser makes the machine quick and easy to program, providing a level of flexibility that can even cater to small batch sizes. Other benefits include low initial investment costs and the machine's high level of efficiency.

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#### **TruPunch 3000**

The new TruPunch 3000 is equipped with a TruDisk 3001 with 3 kilowatts of laser power. (Source: TRUMPF)



#### **SortMaster Compact**

The SortMaster Compact is small and barely needs any space outside of the machine. (Source: TRUMPF)



#### **SheetMaster Compact**

The SheetMaster Compact loads TruPunch 3000 with sheets or blanks and unloads micro-joint sheets and scrap skeletons reliably and efficiently. (Source: TRUMPF)



### **About TRUMPF**

The high-technology company TRUMPF offers production solutions in the machine tool and laser sectors. It is driving digital connectivity in manufacturing industry through consulting, platform and software offers. TRUMPF is the world technological and market



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leader for machine tools used in flexible sheet metal processing, and also for industrial lasers.

In 2019/20 the company – which has about 14,300 employees – achieved sales of 3.5 billion euros. With over 70 subsidiaries, the TRUMPF Group is represented in nearly all the countries of Europe, North and South America, and Asia. It has production facilities in Germany, France, Great Britain, Italy, Austria, Switzerland, Poland, the Czech Republic, the USA, Mexico, China and Japan.

For more information about TRUMPF go to [www.trumpf.com](http://www.trumpf.com)

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