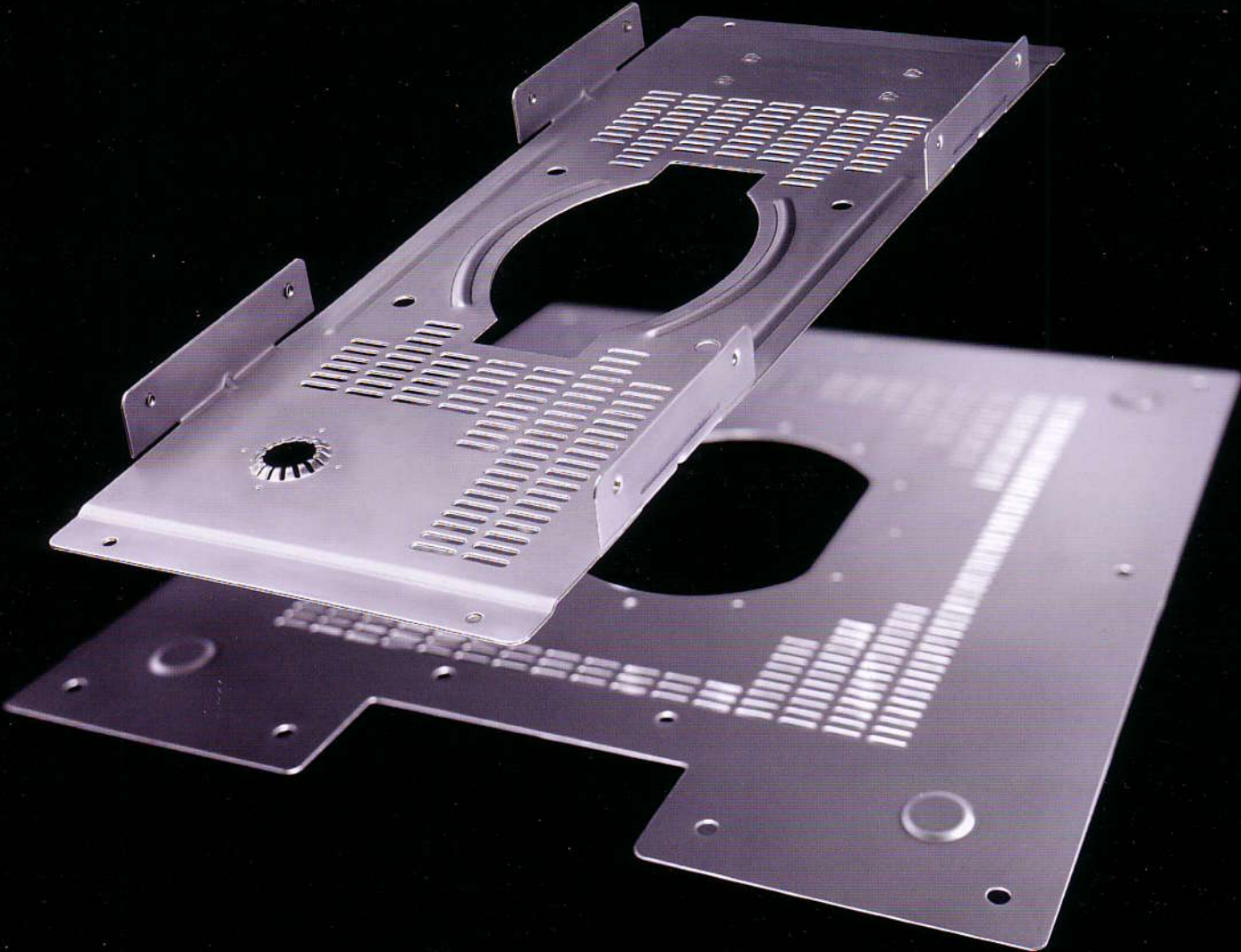


TRUMPF Sheetmetal Fabrication Center



Punching Perfection

**TRUMATIC 1000
ROTATION**



Punching Perfection

Faced with the challenges of an increasingly global market, existing processes in many areas of manufacturing are being modernized. Very often, this means that tasks previously performed manually must now be transferred to machines. This requires machine technology

- that is powerful enough to boost productivity to previously unattainable levels,
- and is user-friendly enough to encourage new sheet metal fabricators to adopt automated production processes.

With the TRUMATIC 1000 ROTATION, TRUMPF has developed a low-priced punching machine that meets these requirements perfectly. What's more, it is an ideal complement to existing machinery, giving the user the flexibility to respond to smaller orders and lot sizes.

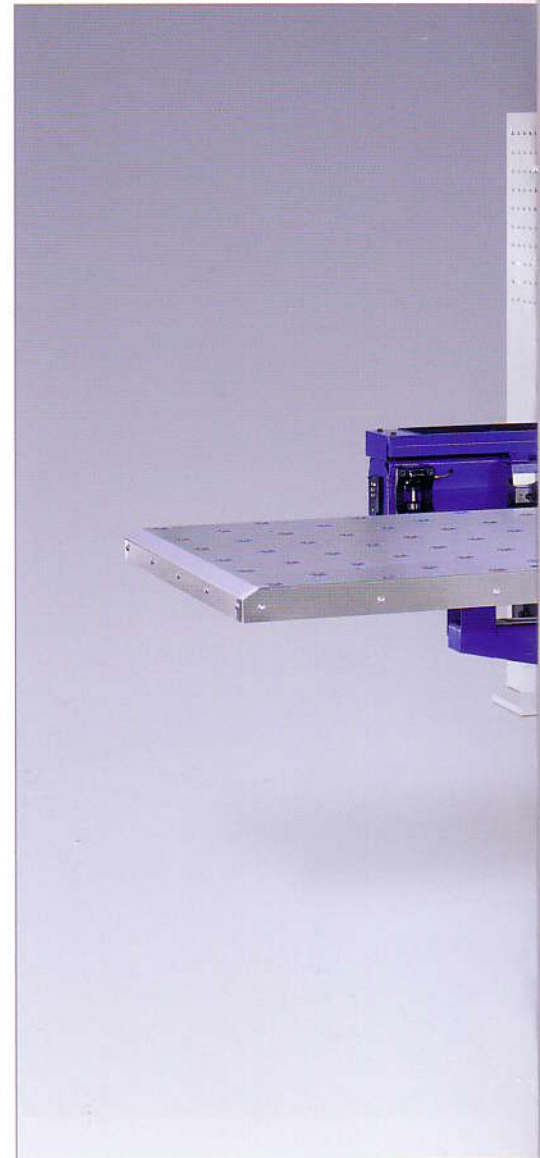
Complete TRUMPF expertise – Compact and cost-efficient

With the TRUMATIC 1000 ROTATION, you simply punch well. This new, compact punching machine is not only easy to operate, but its multi-faceted technical capabilities are astounding as well. And the best thing about it: The cost-benefit ratio is just right.

Thanks to a navigation system that transparently guides you through the programming, you can program typical punch parts in just a few steps, even if you're a beginner. In case the part contour is actually more complex, simply revert back to ToPs 300 basic. This version of ToPs 300, TRUMPF's proven punching software, is optimally attuned to the TRUMATIC 1000 ROTATION. It allows you to draw the geometries of complex parts and helps you determine the best processing strategy for your parts.

The new TRUMATIC 1000 ROTATION is based on proven TRUMPF technology and can achieve everything the larger punching machines can, including three dimensional punching. Not only can you punch, but you can also form threads, bend flanges and produce extrusions – quickly, easily and economically in one machine setup. There are no limits to part diversity.

But that's not all: With its comprehensive service package, TRUMPF provides support throughout the entire life cycle of your machine.



Single Tool Holder – One Tool, Many Advantages

The TRUMATIC 1000 ROTATION features a hydraulic single station punching head that holds tools securely. The long guiding of the ram allows the use of shear-angled punching tools and eliminates the problems associated with off center loading. This reduces the required punching force, which is impossible with other systems. Thanks to the C-axis of the punching head, all tools can be rotated to any angular position. Therefore, you need fewer tools, saving set up time as well as space in the linear magazine. Punching slugs are savely suctioned out from the bottom of the die, eliminating slug pulling. Thus processing safety and reliability are increased.