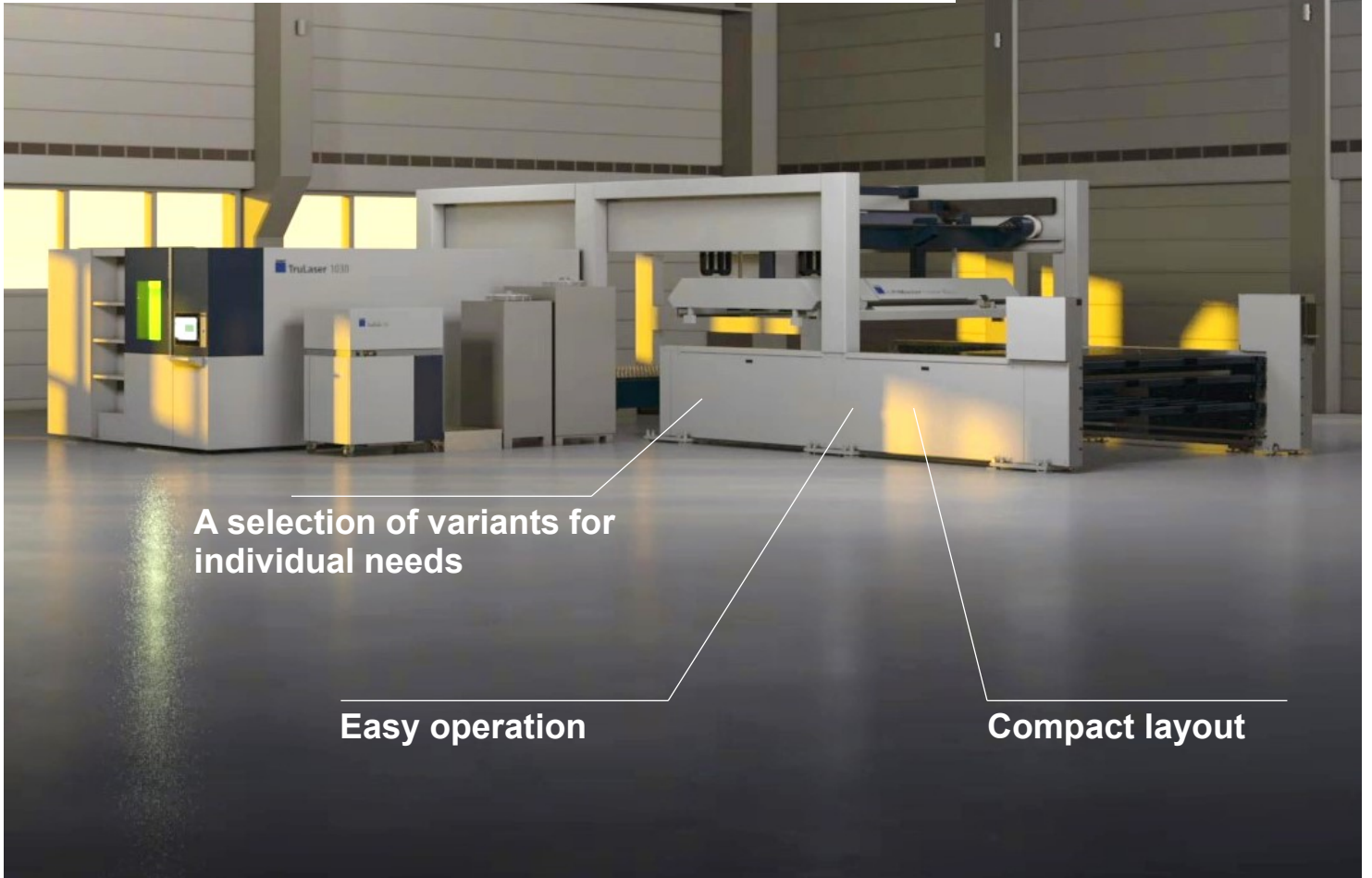


Material buffer Starting with unattended shifts



A selection of variants for individual needs

Easy operation

Compact layout

An easy entry into automated production

The material buffer expands your production capacity - day and night. After the raw material is loaded in the micro-store, it is made available with an automated loading unit of the laser cutting machine. The unloading of the cut sheets is also performed at the material buffer. While the machine is running, the worker can devote himself to other tasks - this also applies for the night.

Compact layout – a perfect solution to limited available space

With the material buffer and an automated loading and unloading unit, you can process large orders in a small area. You gain a lot of space in your shop floor, especially when compared to cart-based solutions. At the same time you increase your post-processing storage capacity - and that at low costs.



Entry-level system with quick and easy logistics processes

With its modular design, the material buffer can be modified to your growing requirements and needs. It is therefore possible, step by step, with the separate unloading station and a storage tower, to end up with a compact and powerful logistics concept. The focus is always on a quick material exchange, easy handling and a structured raw material storage.

Investment with great potential

The material buffer is the optimal entry-level product for anyone who would like to start simply. With a low investment risk, you can open the door to automated production, even with limited space on the shop floor. At the same time, you are able to use unattended night shifts to lower your part costs.



Compatibility of the material buffers		
Machines		Compatibility
LiftMaster automation	Basic	■
LiftMaster automation	Compact	■
Material buffer variants		
Variant	Version	Compartment height (mm)
Three storage compartments	For working with wooden pallets	260, 260, 170
Four storage compartments	For maximum production capacity	90, 90, 170, 170
Five storage compartments	For maximum flexibility	90, 90, 90, 90, 90

A selection of variants for individual needs

To make the transition to the automated production as easy as possible, TRUMPF offers a number of material buffer variants. With this choice, you can best exploit your potential and expand your production capacity in a way tailored to your own working processes. This is because the total cycle time in an automated system is substantially shorter than that of a manual loading system. Starting with automated production is not difficult because the handling of the system and control of the production plan are simple.