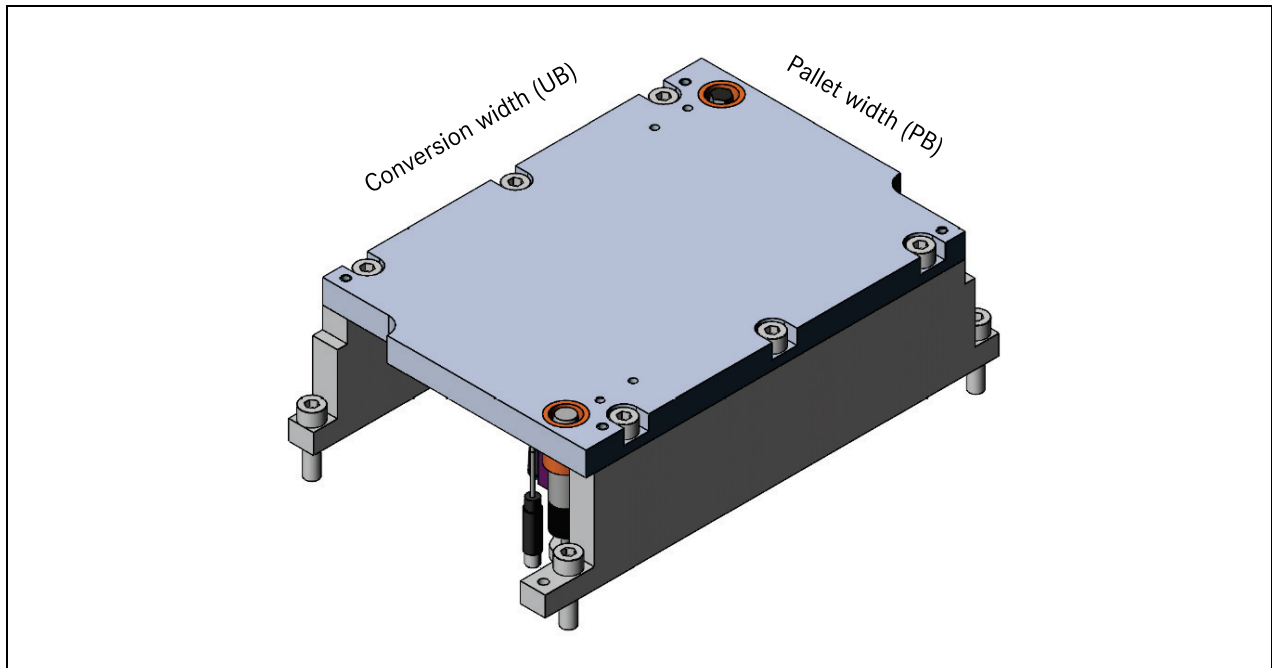


Centring device (300412001)

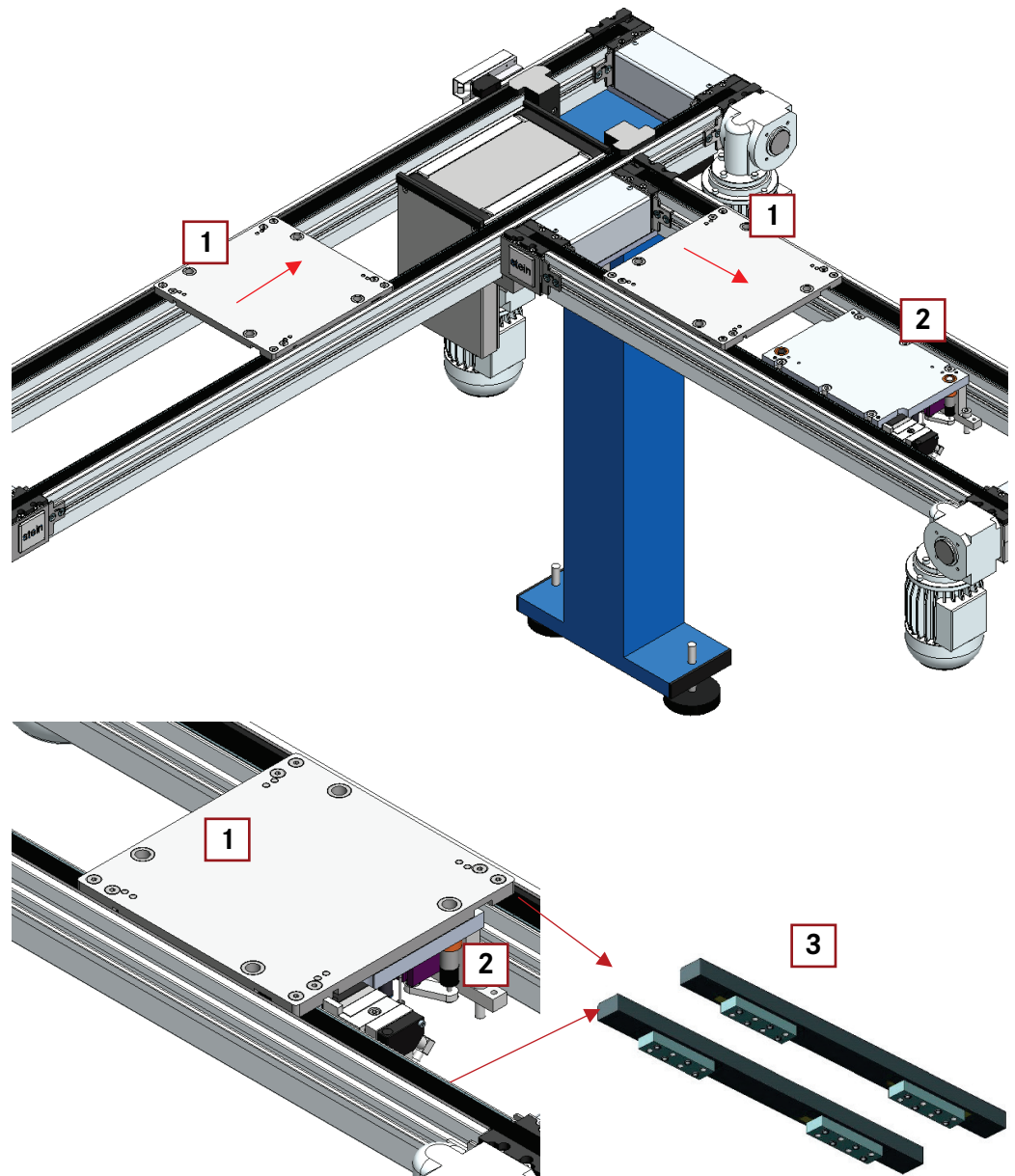


The centering device (ZED) positions the workpiece carrier with a positioning accuracy of 0.02 mm. Instead of the roller cassettes in the belt element, spring-loaded sliding strips (FGL) are fitted here, on which the workpiece carrier runs. When force is applied from above, the construction can thus yield and the workpiece carrier rests on the integrated anvil plate. This anvil plate is used to absorb forces in the Z-axis, and a corresponding substructure must be installed by the customer. The workpiece carrier is not positioned with a centering rail as with the ZE, but with centering bushings. Max. Load in Z direction 30,000N.

Permissible total weight	Workpiece, workpiece holder and workpiece carrier: 12 kg
ZED-Compressed air connection	G 1/8" max. 4 bar
Spring force thrust pieces	approx. 9N per thrust piece - initial pressure=0.6N, at stroke 0.8 mm
Permissible WT load	X-axis: 200 N Y-axis: 200 N Z-axis: 30 kN
Maximum centering accuracy	X-axis +/- 0.02mm Y-axis +/- 0.02mm Z-axis up to + 0.5 mm

Example of use

- 1 Pallet
- 2 Centring device
ZED
- 3 Spring slide bar



Mounting: Centring device

- 1 Belt element profile
- 2 Centring device
ZED
- 3 Mounting option for
substructure
(customer side)

