

## Design

In order to process workpieces and maintain production tolerances, workpiece pallets must be stopped and positioned in the processing station.

In doing so, the workpiece pallets can be exactly positioned by up to  $\pm 0.3$  mm and the system can absorb vertical process forces of up to 4000 N.

### Applications:

- For exact positioning and to lift the workpiece pallet from the conveyor transport surface:  
PE 5
- For a manual workstation if positioning accuracy requirements are low and there are no forces acting on the workpiece pallet, a VE 5 stop gate may be sufficient.



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Figures:  
PE 5 positioning unit with protective covers and sleeves, installed with an assembly kit in an ST 5/H section.  
Top figure: top position  
Bottom figure: bottom position