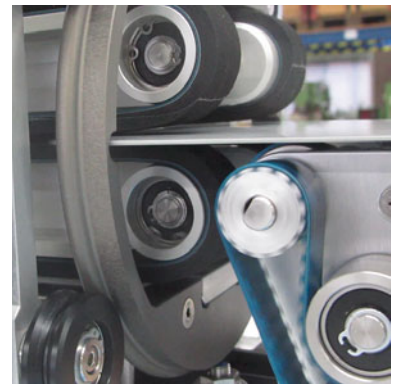
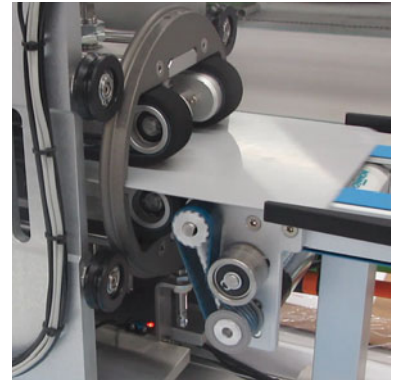
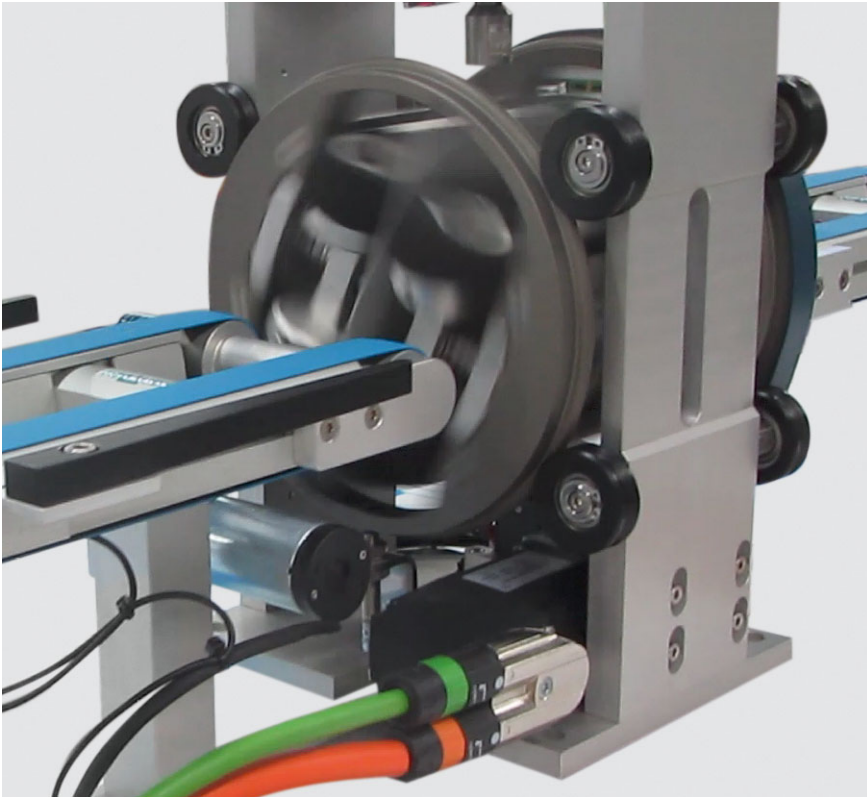


TILTING MODULE SOLTB-W



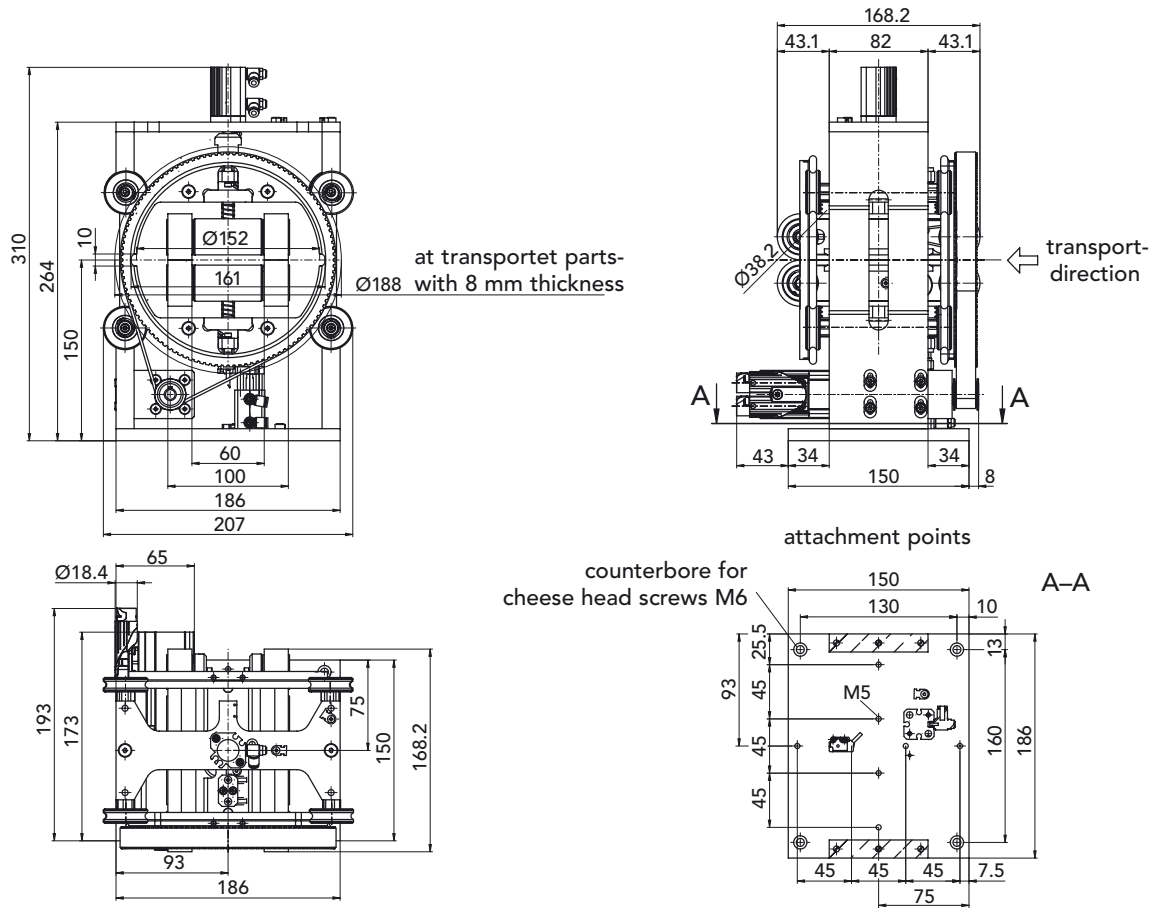
The tilting module is designed to rotate parts such as wafers or displays. The parts are «turned upside down», i.e. rotated around the transport axis. The parts are loaded onto and discharged from the tilting module by means of belt conveyors. The tilting module features special belts of foamed material, which are very soft and firmly press the parts without damaging them. This concept ensures a delicate and harmless handling of all parts.

In case of multitrack conveyors with wafers and a centerline distance of 171 mm from belt to belt, the second tilting module should be installed with 155 mm offset in transport direction.

ADVANTAGES:

- > **Delicate tilting**
- > **Soft belts of foamed material**
- > **Minimum process delay**
- > **Possibility of standard transport without tilting**
- > **Compact footprint for multitrack conveyors**

TILTING MODULE SOLTB-W - DIMENSION



TILTING MODULE SOLTB-W - TECHNICAL DATA

Transported parts	length	width	thickness
Max. weight. 600 g, terminal area = max. 130 mm	up to 168 mm	max. 156 mm	max. 2 mm
	up to 168 mm	min. 80 mm	max. 8 mm
	up to 168 mm	max. 145 mm	max. 8 mm
Operating pressure	[bar 5		
Driving medium	air unoiled, filtered to 5 µm, dew point < 6°C		
Pneumatic connection	hose-Ø 4 mm		
Belt drive motor capacity [W]	10		
Supply voltage/current	24 VDC / 1.5 A		
Tilting drive motor capacity [W]	110		
Intermediate circuit voltage/current	320 V / 0.9 A		
Nominal voltage regulator	230 V		
Cycle time with wafer 156 x 156 mm [sek.]	min. 1.5 (loading – tilting – extracting)		
Cycle time (continuous) [sek.]	min. 1.2 (tilting – loading/extracting)		
Ambient conditions: temperatur [°C]	10–40		
rel. humidity	<95% (without condensation)		
air purity	normal workshop atmosphere		

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