

Your partner for modern
handling technology



Our solutions in the area of handling technology offer the highest precision, stability and flexibility. The ASUTEC product portfolio includes grippers, compensation modules and tool changing systems – the complete solution for your automated production.

Our grippers are characterized by long life service, precision and low weight.

Thanks to the wide product range with different sizes and properties, our grippers are universally applicable.

Gripper



PARALLEL GRIPPER

- The universal gripper for numerous applications
- Large drive piston surface for maximum gripping force
- Process reliability thanks to robust T-slot guide
- Available in various versions (including dustproof)



MINI PARALLEL GRIPPER

- The gripper for precision in the smallest area
- Wedge hook principle for high gripping force transmission
- Robust and resilient sliding guide of the gripping jaws
- Available in various versions (including position queries)

Compensation modules



COMPENSATION MODULES Z-DIRECTION

- 6 sizes from Ø 50 mm to 200 mm
- Compensation in the Z-direction
- Version with double-acting cylinder
- Approaching or holding the two end positions
- Query option for detecting position and collisions



COMPENSATION MODULES X-/Y-DIRECTION

- 6 sizes from Ø 65 mm to 200 mm
- Compensation in the X/Y-direction
- Central pneumatic locking in the center axis in all versions
- Decentralized locking of the current position in version -DV

Tool changer

PNEUMATIC TOOL CHANGER

- 8 sizes with a recommended handling weight of 3 kg to 150 kg and a max. tensile force of 5,000 N to 80,000 N
- Specially developed seals ensure improved compressed air/vacuum transmission
- Extremely robust and low-wear thanks to hard chrome coating
- Several screw-on surfaces available for transmission modules



Robot side



Tool side



Furthermore, the ASUTEC compensation elements enhance the productivity of your manufacturing systems by effectively compensating for tolerances in the X-, Y- and Z-direction. With seamless integration and connection options allow them to be optimally combined with our grippers. Our tool changers enable safe, quick and effortless tool changes on robots and gantries. These enable robots to carry out processes with different tools without manual conversions.



ANGULAR GRIPPER

- Robust construction also for use in harsh environments
- Large drive piston surface for maximum gripping force
- Large opening angle enables gripping of numerous object sizes
- Available in various versions (including opening stroke limitation)



CENTRIC GRIPPER

- Automatic centering even with irregular gripping objects
- Wedge hook principle for high gripping force transmission
- Process reliability thanks to robust T-slot guide
- Available in various versions (including pressure star)



COMPLIANCE WRIST

- 6 sizes from Ø 50 mm to 200 mm
- Compensation in the X/Y-direction and the tilt angle via elastomer elements
- Central pneumatic locking in the center axis in version -ZV
- Mechanical anti-twisting device for precise screwing / turning applications in version -VS

Customer-specific solutions



TAILORED SOLUTIONS FOR THE HIGHEST DEMANDS

At ASUTEC, the focus is on customer-specific solutions. Thanks to our experienced and skilled development team, we implement your specific requirements quickly and accurately. Together with you, we develop the solution that is precisely tailored to your needs. Do not hesitate to contact us at any time for individual challenges. ASUTEC is your reliable partner for innovative and customized automation solutions.

Accessories

MATCHING ACCESSORIES

Our diverse portfolio of accessories guarantees you project-specific installation options, simplified maintenance, and an extended product lifecycle. Upon your request, we are happy to install your desired accessories directly onto your ordered ASUTEC product.



We are where our customers are - on side worldwide



Contact us to learn more about our products

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