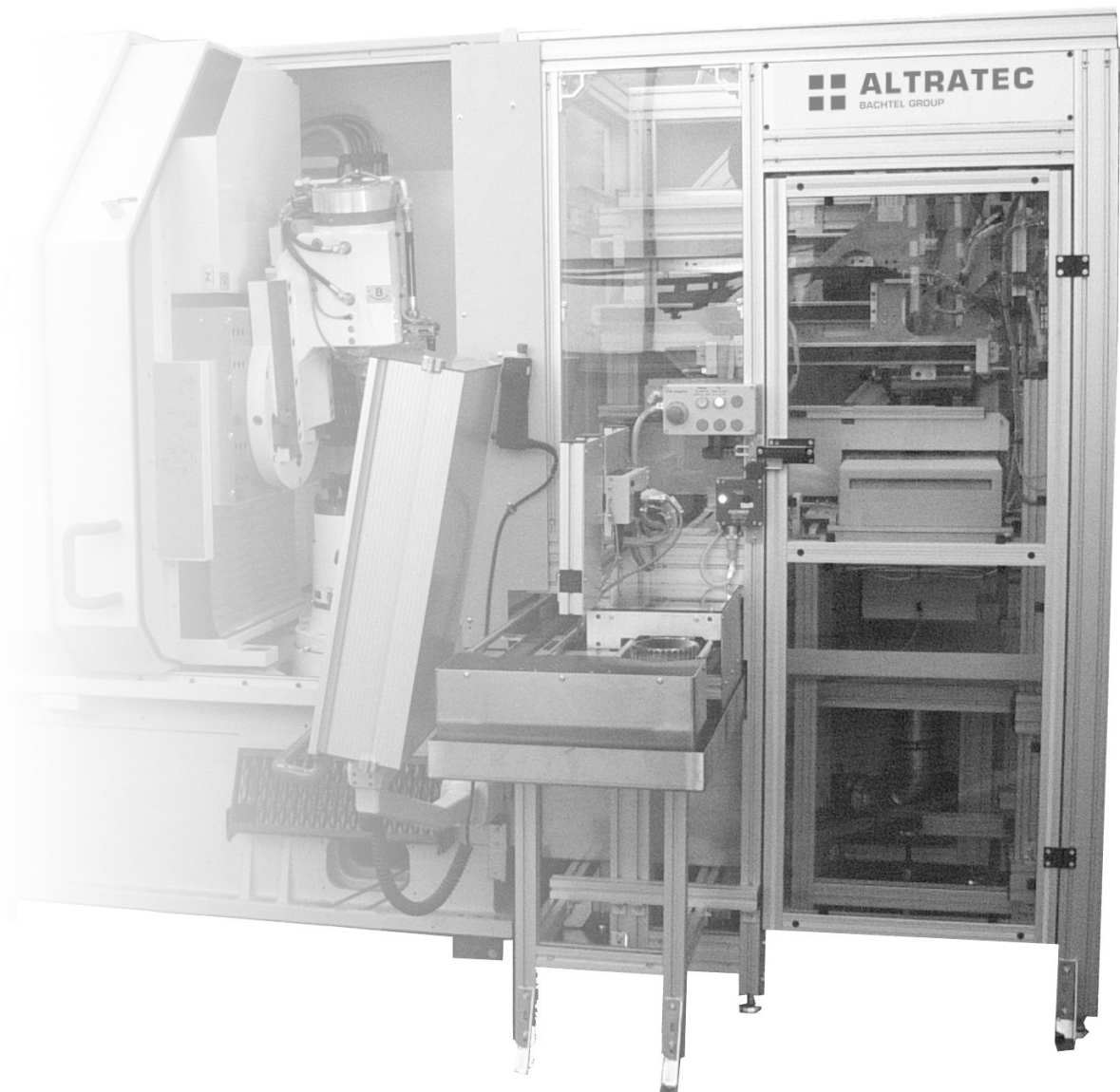


- Wide variety of axis and gripper combinations allows for optimal adaptation to the products and dynamic requirements
- Optimum system configuration with regard to speed, precision and efficiency

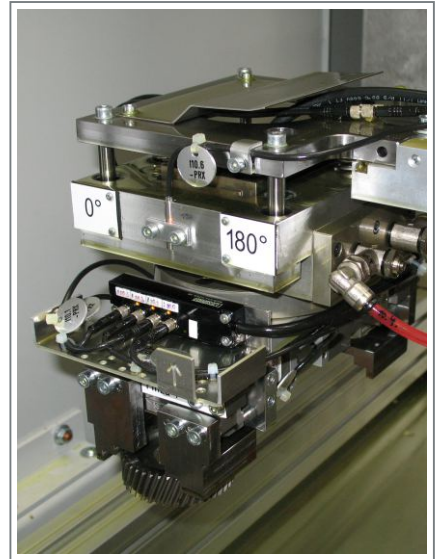
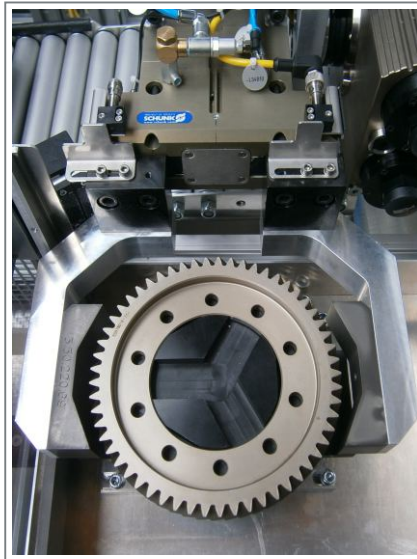


We plan, design and manufacture both amply dimensioned universal solutions for a broad range of dimensions and weight classes as well as ultra-compact, highly specialized custom solutions with critical space requirements, adapted to the work areas and processing conditions of the machines to be loaded.

Our handling systems are designed in close cooperation with our customers to ensure that their operability is not adversely affected by a carryover of cooling agents, lubricants or other operating fluids. We frequently incorporate fluid catch systems of our loading equipment in the operating material processing of the machines.

Depending on the requirements, we implement any technologically necessary intermediate positions, e.g. for testing and part identification or orientation detection using various optical or mechanical systems.

Our loading systems can be incorporated both in already existing machine control systems and delivered with autarkic control systems.



Technical specifications:

Speeds:	up to approx. 2 m/s (depending on dimensions and weight of parts)
Working range:	up to approx. XYZ = 4000 x 1000 x 1000 (beyond that, available on request)
Implementable changing times for workpieces:	up to approx. min. 5 s (depending on travel distance, part dimensions and weight)

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Certified according to DIN EN ISO 9001