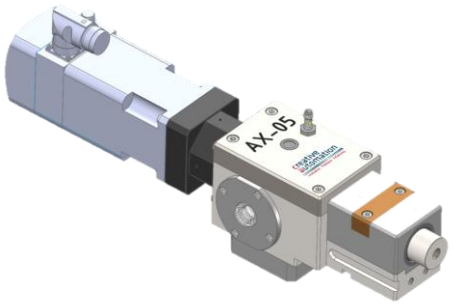
Datasheet

AX-05

Compact Automation Component



Technical Data:

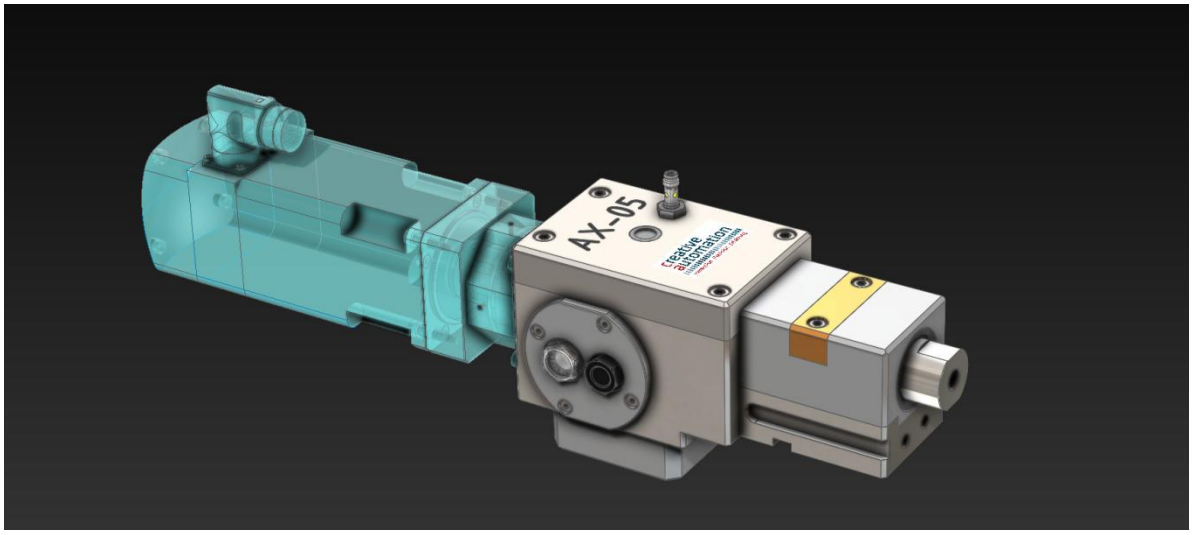
Forming force: (Cam disc & drive dependent)	max. **5kN**
Hub: (Cam dependent)	max. **5mm**
Clock frequency:	**500 Hübe pro Minute**
Servo drive: (Standard)	Siemens/Beckhoff
Weight: (Depending on drive and options)	ca.10kg (ohne Motor)
Dimension: Width x height (without sensor) x length (without drive)	104mm x 114mm x 283,5 + Hub
Price	Price on request

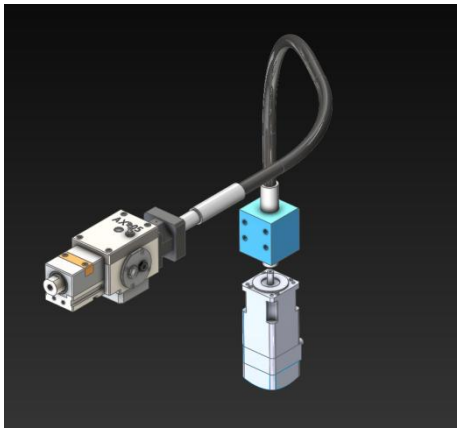
Application Areas:

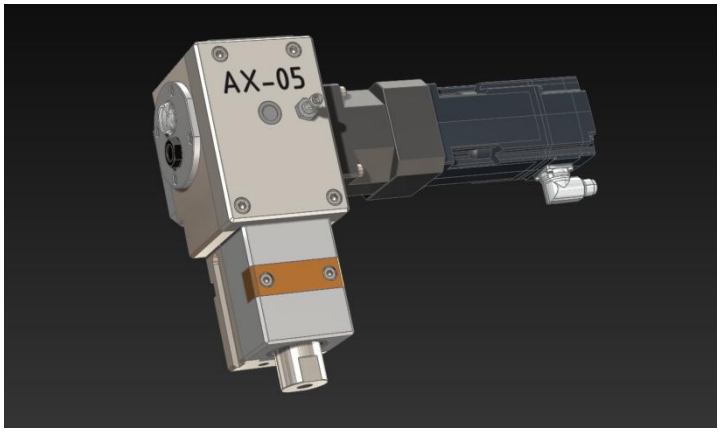
- Punching, bending, assembling, and forming even in confined spaces
- Direct integration into punching, bending, and forming tools
- Retrofitting additional movements in existing systems (presses, bending/forming machines)
- Stand-alone system for punching, bending, and assembly processes, for integration into existing or new machines

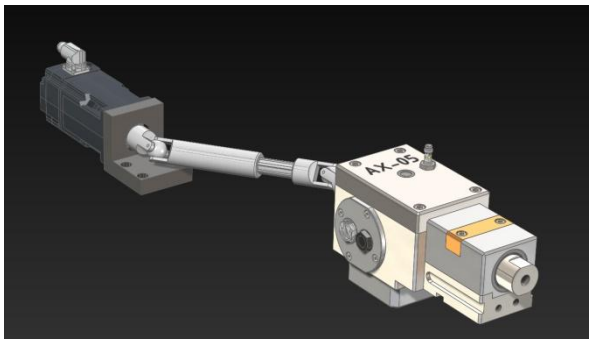
Options:

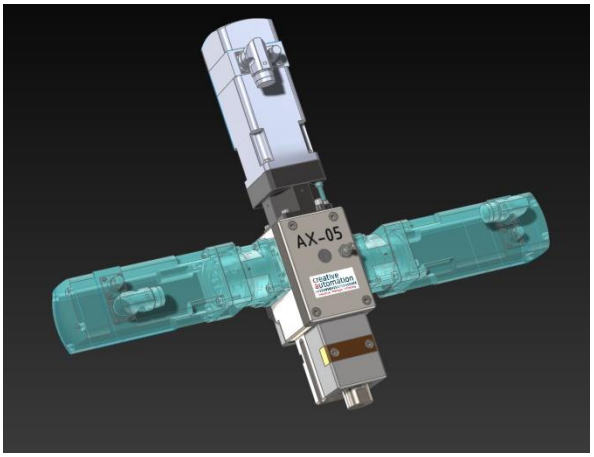
- Dedicated control cabinet with interfaces to higher-level machines, combinable into multi-axis systems
- Cam disks with different strokes and motion profiles
- eigenständiges Komplettsystem mit Steuerung und Schaltschrank
  1 bis 4 AX-05 Module, größere Anzahl auf Anfrage
- Interchangeable ram adapters for adapting various tools, custom designs available
- Drive with flexible shaft for confined spaces
- Drive with cardan shaft
- Side-mounted drive (right or left)
- Drive via timing belt
- Sensor for zero-point indexing for integration into third-party controls
- Motors from various manufacturers can also be used upon consultation (with specific coupling, motor flange, and suitable controller)
- Various installation positions possible (must be specified when ordering)

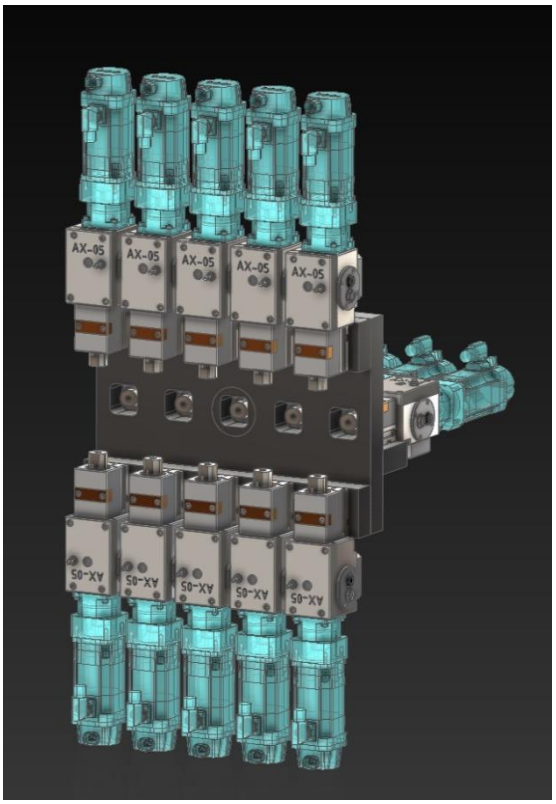

AX-05



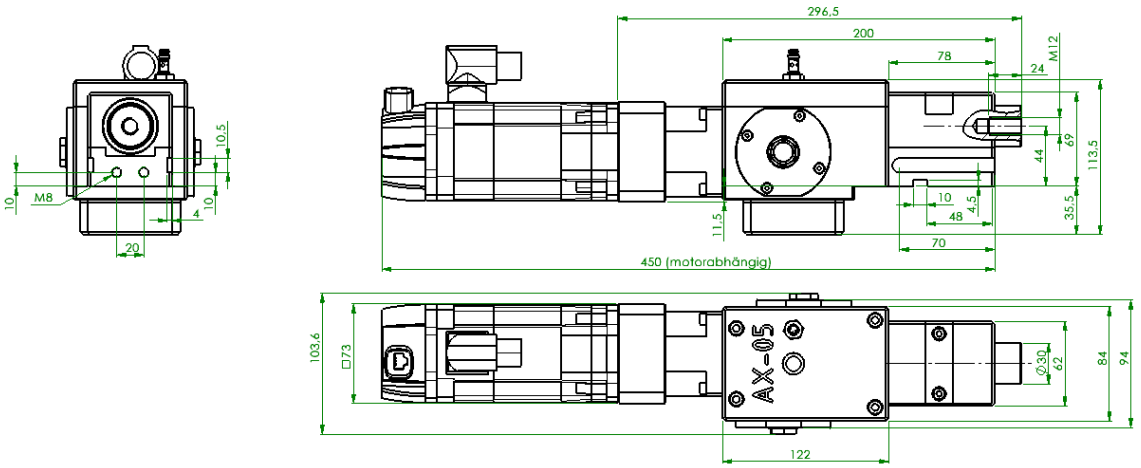

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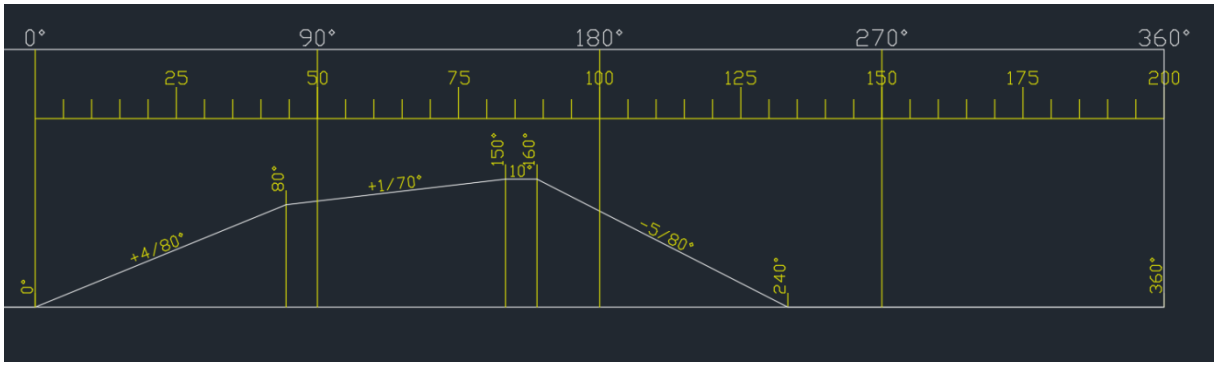

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Dimensions:

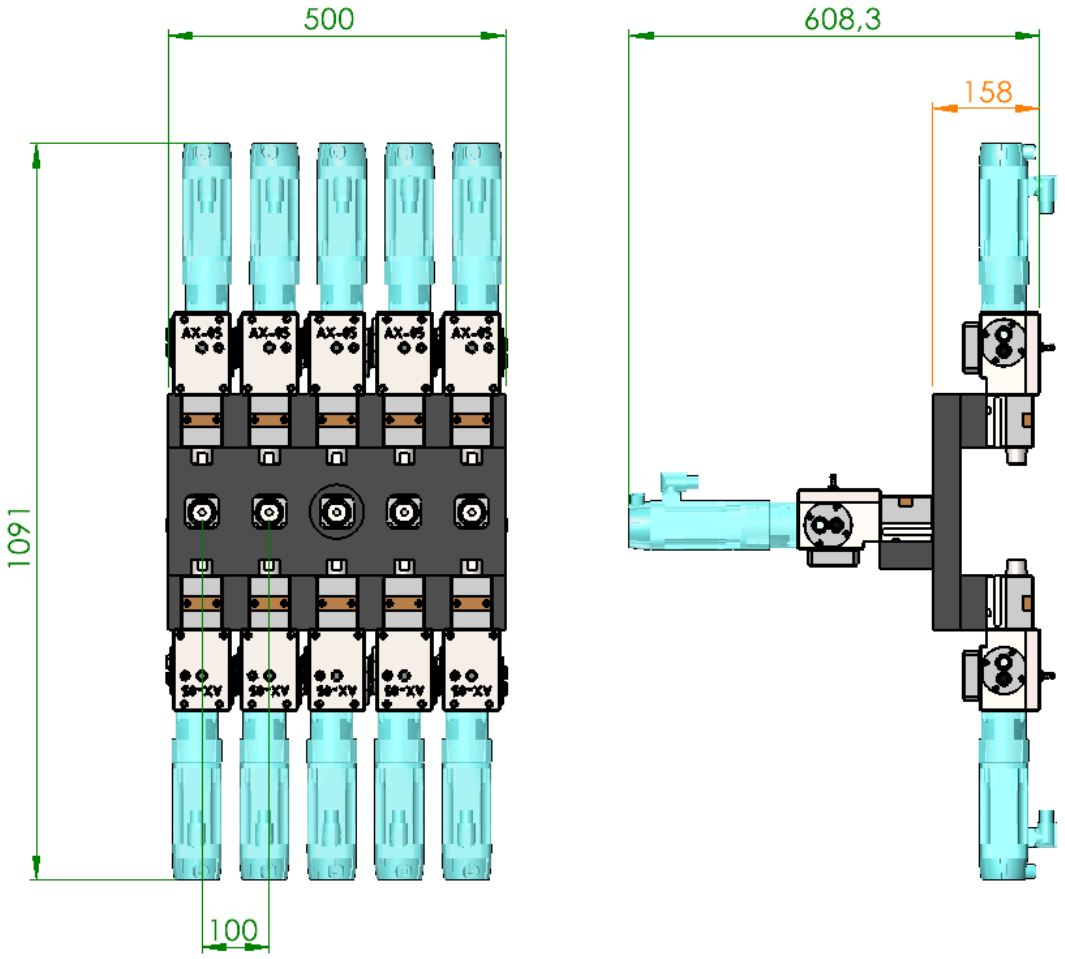


Standard Cam Profile:

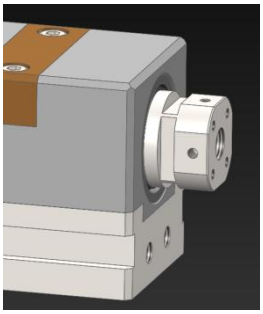


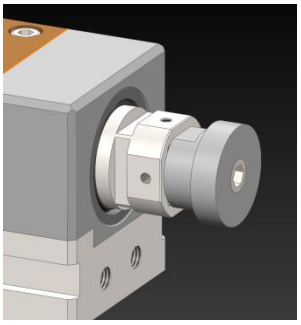
Other motion sequences available upon request

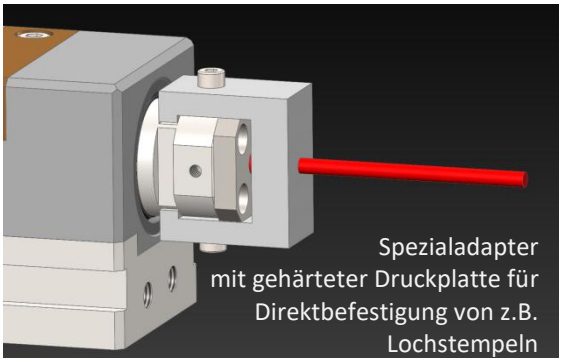
Combination with linear or radial machining centers:

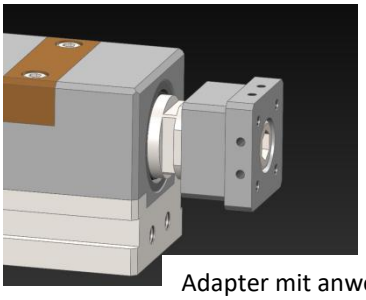


Examples of Ram Adapters:





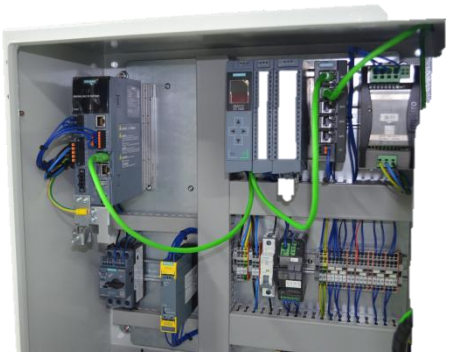




Adapter mit anwendungs-spezifischer Form

Sonderausführungen nach Kundenanforderung und Sonderstößel sind nach Rücksprache möglich.

Optional: Independent Control Cabinet with Servo Drive Control





- Dimensions: 500 x 500 x 300 mm
- Touchscreen (7” / 17.8 cm diagonal) for operation and parameter input
- Emergency stop button and main switches
- Connection: 240 V / 16 A fuse
- Stand-alone operation or integration into higher-level controls possible
- Signal exchange via bus system, IO signals, and/or encoder coupling
  mit Königswellen
  Schnittstellen müssen vorab geklärt und projektabhängig definiert werden.

- Control cabinets for larger axis counts available upon request.