



Wide range of cylinder types, piston diameters, stroke combinations and additional options available.



Block Cylinders

- Operating pressure max 500 bar
- Various switching possibilities
- Application examples: mold making, hydraulic clamping



Stamping Cylinders

- Operating pressure max 250 bar
- With dipp® system
- Application examples: Punch and stamping tools



Circular Block Cylinders

- Operating pressure max 500 bar
- Various mountings
- Application examples: mold making, hydraulic clamping



Push Units

- Operating pressure max 250 bar
- Precision guiding to contain side loads
- Application examples: deburring tools



AHP Standard Cylinders

- Operating pressure max 100, 160 & 250 bar
- Optional end position switching / linear position transducer
- Application examples: mold making, general machine building, machine tools



DIN Standard Cylinders

- Operating pressure max 160 & 250 bar
- Conforms to DIN/ISO 020/1. ISO 6022, DIN 24333
- Application examples: general machine building, plant construction



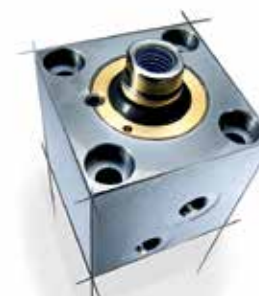
Tie Rod Cylinders

- Ground, hardened & hard chrome-plated piston rods standard
- Equipped with Viton® seals standard
- Tie rod rolled
- Interchangeable assembly dimensions



Hydraulic Cylinders with External Guide

- Operating pressure max 160 bar
- Plasma nitrided cylinder liner offering good guide properties
- Application examples: Aluminum pressure die casting



Short Stroke Cylinders

- Operating pressure max 160, 400 bar
- Compact assembly dimensions
- Application examples: mold making, hydraulic clamping, special purpose machines



Screw-in Cylinders

- Operating pressure max 250 bar
- Capable of tool & fixture integration
- Application examples: mold making, fixtures



Core Pull Unit

- Operating pressure max 250 bar
- Compact Unit with integrated guides
- Application examples: mold making



Flanged Cylinders

- Operating pressure max 250 bar
- Oil ports in the mounting flange
- Application examples: mold making, general machine building, fixtures



Locking Cylinders

- Compact block construction
- High holding force
- Locking with pre-tension is possible



Built-in Cylinders

- Round shout-storke cylinders
- Can be integrated into a tool
- Direct installation without additional piping



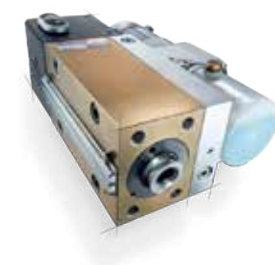
NEW AHP Standards

- Newly developed products for tool & mold making
- Double ejection mechanical systems
- Mechanical lifters for undercuts



E-AHP

- Compact, position-independent electro-hydraulic linear actuator
- Integrated displacement and force measurement (optional)
- 4-quadrant pump, without rotary seal, 100% leakage-free



E-AHP Lite

- Ready to install hydraulic axis
- Power 0.2 - 8.69 kW
- No piping, no hoses



ECO-line Cylinders

- Hybrid cylinder made of steel & aluminum
- Piston rods hardened, ground and hard chrome plated
- 4 fixation styles per product



Hydraulic Units

- Core pull units - the extension of your injection molding machine
- Easy connection to your machine via central connector (type Hirschmann)
- Sensitive operation in manual mode



DME.NET



eSTORE

DME
29111 Stephenson Highway
Madison Heights, MI 48071
US - 800-626-6653
Canada - 800-387-6600