

Clamping and Support Cylinders

Swing Cylinders and Clamp Arms



- Compact design allows for efficient fixture layout
- Variety of mounting styles to meet design needs
- Double- and single-acting cylinders for a variety of hydraulic requirements
- All cylinders are available as left and right turning models
- Large ball and cam design on select models allows swing rotation to vary
- Kick-out mechanism on select models prevents damage to cylinder from high flow rates or misapplications
- *Collect Lok®* locking cylinders maintain force after pressure is removed
- The innovative clamp arm design allows quick and precise clamp arm positioning while swing cylinder is mounted.



Work Supports

- Wide range of sizes and types
- Low pressure lock up capability
- Threaded, manifold air-vent ports
- *Collect-Lok®* positive locking models: hydraulic actuation and mechanical holding



Block Cylinders

- Versatile, all-purpose
- Six clamping capabilities
- Variety of strokes
- Oil connection alternatives

Manifold Cylinders

- Compact fixture-integrated position and holding
- Minimal space requirements
- Minimal cylinder height relative to plunger stroke



Pull Cylinders

- Compact, for efficient layout, and full featured design
- Guided linear plunger movement
- Variety of mounting styles



Pull Down Clamps

- Lower profile clamp
- Independent horizontal and vertical movement
- Manifold and BSPP porting
- Oil ports on both sides for mounting flexibility



More Options

- **Positive clamping cylinders**
- **Threaded cylinders**
- **Hollow plunger cylinders**

