



TELESCOPIC

Custom Hydraulic Cylinders



Telescopic Hydraulic Cylinders



Application-Specific Designs

Telescopic hydraulic cylinders utilize multiple nested stages to achieve a long working stroke while maintaining a compact retracted envelope. Aggressive Hydraulics engineers application-specific designs to ensure that you get the proper cylinder for your application.

Telescopic Cylinder Types:

- Single-acting
- Double-acting
- Partially double-acting

Single-Acting Telescopic

Single-acting cylinders use hydraulic force to extend and gravity or some other external force to retract.

Double-Acting Telescopic

Double-acting cylinders use hydraulic force for both extension and retraction.

Partially Double-Acting Telescopic

Partially double-acting cylinders use hydraulic force to extend and for a portion of the retract stroke. Gravity or some other external force will complete the retract cycle.

Special Options

- Double-acting configurations with both ports located on the main barrel
- Integrated valves
- Integrated linear sensors
- Skip a sleeve designs to increase the effective retract area on double-acting configurations
- 3,000 psi pressure rated designs
- Load holding piston seals