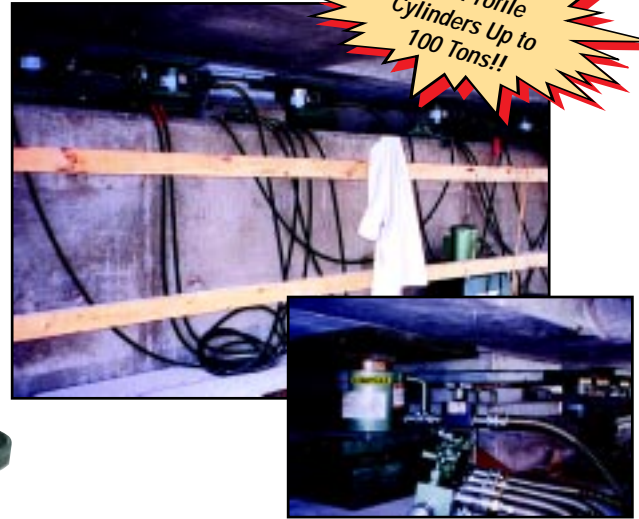


LOW PROFILE 10 - 100 TONS

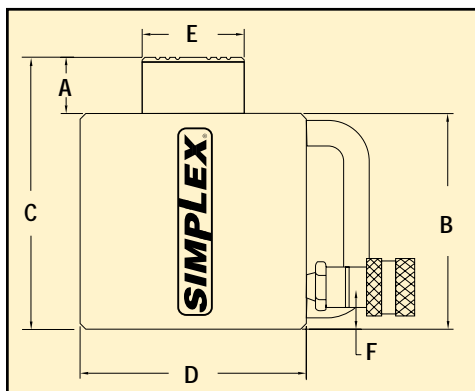
CYLINDERS

"These Low Profile Cylinders Gave Us The Power We Wanted In The Compact Sizes We Needed."



Simplex RLS Series provides the ideal fit & force required for most bridge lifting and pier cap maintenance jobs. Compact, light weight & tough as nails, Simplex cylinders are at home on any construction site.

- 5 Models
- Plated pistons to resist scoring & corrosion.
- High flow quality couplers.
- Stop rings for piston blow-out protection.
- Rod wiper protects inner cylinder from dirt.
- Exceeds ANSI/ASME B30.1 safety standards.



| | | |
|---------------------------|---------------------|--------------------------------|
| | | |
| Power Pumps pgs. 40-58 | Hoses pgs. 66-67 | Pump & Cylinder Sets pg. 28 |

Spring Return Low Profile Cylinders 10 Through 100 Ton Capacities

| Model Number | Cap. (tons) | A Stroke (in) | B Min. Ht. (in) | C Ext. Ht. (in) | Ram Bore Dia. (in) | Effect Area (sq.in.) | Pres. @ Cap. (psi) | Oil Cap. Req'd (cu.in.) | D Body O.D. (in) | E Piston O.D. (in) | F Base To Port C/L (in) | Wgt. (lbs) | Sugstd. Hand Pump |
|--------------|-------------|---------------|-----------------|-----------------|--------------------|----------------------|--------------------|-------------------------|------------------|--------------------|-------------------------|------------|-------------------|
| RLS101 | 10 | 1 1/2 | 3 15/32 | 4 31/32 | 1 11/16 | 2.23 | 8,940 | 3.4 | 2 3/4 | 1 1/2 | 11/16 | 5.8 | P42/ P72 |
| RLS201 | 20 | 1 3/4 | 3 7/8 | 5 5/8 | 2 3/8 | 4.43 | 9,030 | 7.8 | 3 5/8 | 2 | | 10.5 | |
| RLS302 | 30 | 2 7/16 | 4 5/8 | 7 1/16 | 2 7/8 | 6.49 | 9,250 | 15.8 | 4 | 2 1/4 | | 13.8 | |
| RLS502 | 50 | 2 3/8 | 4 13/16 | 7 3/16 | 3 1/2 | 9.62 | 10,400 | 22.8 | 5 | 2 1/4 | | 22.8 | |
| RLS1002 | 100 | 2 1/4 | 5 9/16 | 7 13/16 | 5 | 19.63 | 10,200 | 44.2 | 6 1/2 | 3 5/8 | | 44.5 | P140 |