

01 CYLINDERS

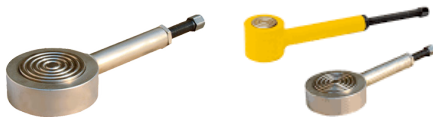


TC SERIES (Telescopic Cylinder)

- Max Working Pressure: 10,000 PSI.
- Telescopic Design, single-acting.

| Model | Capacity (tons) | Stage | Stroke | | Collaps H | | Effective Area | | Oil Cap | | B | | A | | W | | E1 | | F | | F1 | | L | | K | | H | |
|--------|-----------------|-------|--------|-------|-----------|-------|-----------------|-------------------|-----------------|-------------------|-----|-------|-----|-------|-----|------|-----|------|----|------|-----|------|-----|------|----|------|----|------|
| | | | mm | inch | mm | inch | cm ² | inch ² | cm ³ | inch ³ | mm | inch | mm | inch | kg | lbs | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch |
| TC10-2 | 10 | 2 | 270 | 10.63 | 250 | 9.84 | 15.9 | 2.46 | 810 | 49.43 | 250 | 9.84 | 520 | 20.47 | 18 | 0.71 | 75 | 2.95 | 36 | 1.42 | 68 | 2.68 | 50 | 1.97 | 20 | 0.79 | 26 | 1.02 |
| | | 1 | 135 | 5.31 | | | 9.84 | 6.84 | | | | | | | | | | | | | | | | | | | | |
| TC10-3 | 10 | 3 | 432 | 17.01 | 280 | 11.02 | 15.9 | 2.46 | 2250 | 137.30 | 280 | 11.02 | 715 | 28.15 | 40 | 1.57 | 110 | 4.33 | 36 | 1.42 | 95 | 3.74 | 75 | 2.95 | 21 | 0.83 | 19 | 0.75 |
| | | 2 | 290 | 11.42 | | | 11.02 | 6.84 | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 145 | 5.71 | | | 11.02 | 14.73 | | | | | | | | | | | | | | | | | | | | |
| TC15-2 | 15 | 2 | 300 | 11.81 | 280 | 11.02 | 23.7 | 3.67 | 1308 | 79.82 | 280 | 11.02 | 580 | 22.83 | 28 | 1.10 | 90 | 3.54 | 50 | 1.97 | 80 | 3.15 | 66 | 2.60 | 25 | 0.98 | 16 | 0.63 |
| | | 1 | 150 | 5.91 | | | 11.02 | 9.84 | | | | | | | | | | | | | | | | | | | | |
| TC15-3 | 15 | 3 | 510 | 20.08 | 320 | 12.60 | 23.7 | 3.67 | 3543 | 216.21 | 320 | 12.60 | 820 | 32.28 | 60 | 2.36 | 125 | 4.92 | 50 | 1.97 | 110 | 4.33 | 95 | 3.74 | 25 | 0.98 | 19 | 0.75 |
| | | 2 | 340 | 13.39 | | | 12.60 | 9.84 | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 170 | 6.69 | | | 12.60 | 19.00 | | | | | | | | | | | | | | | | | | | | |
| TC30-2 | 30 | 2 | 300 | 11.81 | 304 | 11.97 | 44.15 | 6.84 | 2088 | 127.42 | 304 | 11.97 | 604 | 23.78 | 45 | 1.77 | 110 | 4.33 | 68 | 2.68 | 100 | 3.94 | 89 | 3.50 | 27 | 1.06 | 18 | 0.71 |
| | | 1 | 150 | 5.91 | | | 11.97 | 14.73 | | | | | | | | | | | | | | | | | | | | |
| TC30-3 | 30 | 3 | 600 | 23.62 | 366 | 14.41 | 44.15 | 6.84 | 6803 | 415.14 | 366 | 14.41 | 966 | 38.03 | 106 | 4.17 | 160 | 6.30 | 68 | 2.68 | 150 | 5.91 | 123 | 4.84 | 27 | 1.06 | 20 | 0.79 |
| | | 2 | 400 | 15.75 | | | 14.41 | 14.73 | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 200 | 7.87 | | | 14.41 | 31.16 | | | | | | | | | | | | | | | | | | | | |

SMC SERIES (Mechanical Jack)



- Light in weight.
- Lifting height with precisely +/- 0.01 mm.
- Thin, Portable and flat design, workable for any restricted places.

| Model | Capacity (tons) | Stroke | | Effective Area | | Weight | | Collaps H | |
|----------|-----------------|--------|------|-----------------|-------------------|--------|------|-----------|------|
| | | mm | inch | mm ² | inch ² | kg | lbs | mm | inch |
| SMC-0525 | 5 | 25 | 0.98 | 8.02 | 0.01 | 2 | 4.41 | 52 | 2.05 |
| SMC-1025 | 10 | 25 | 0.98 | 13.85 | 0.02 | 3 | 6.61 | 54 | 2.13 |
| SMC-2005 | 20 | 5 | 0.20 | 28.27 | 0.04 | 2 | 4.41 | 35 | 1.38 |
| SMC-3005 | 30 | 5 | 0.20 | 38.49 | 0.06 | 3 | 6.61 | 36 | 1.42 |
| SMC-5005 | 50 | 5 | 0.20 | 66.48 | 0.10 | 4 | 8.82 | 40 | 1.57 |

ULH SERIES (Ultra Low Height Cylinder)



- Working pressure: 21,750 PSI.
- Single acting, load return. Workable for limited work space.

| Model | Capacity (tons) | Stroke | | Volume | | Collap H | | Ext H | | Outs D | | W | | Plunger D | | Oil Input Position | |
|-----------|-----------------|--------|------|-----------------|-------------------|----------|------|-------|------|--------|------|------|------|-----------|------|--------------------|------|
| | | mm | inch | mm ³ | inch ³ | mm | inch | mm | inch | mm | inch | kg | lbs | mm | inch | mm | inch |
| ULH-00510 | 5 | 10 | 0.39 | 3.46 | 0.14 | 30 | 1.18 | 40 | 1.57 | 60 | 2.36 | 3.5 | 0.14 | 21 | 0.83 | 12 | 0.47 |
| ULH-01010 | 10 | 10 | 0.39 | 7.04 | 0.28 | 30 | 1.18 | 40 | 1.57 | 70 | 2.76 | 4.0 | 0.16 | 30 | 1.18 | 12 | 0.47 |
| ULH-02510 | 25 | 10 | 0.39 | 17.35 | 0.68 | 30 | 1.18 | 40 | 1.57 | 90 | 3.54 | 4.6 | 0.18 | 47 | 1.85 | 11.5 | 0.45 |
| ULH-05510 | 50 | 10 | 0.39 | 36.32 | 1.43 | 30 | 1.18 | 40 | 1.57 | 118 | 4.65 | 4.8 | 0.19 | 68 | 2.68 | 11.5 | 0.45 |
| ULH-10010 | 100 | 10 | 0.39 | 69.40 | 2.73 | 30 | 1.18 | 40 | 1.57 | 152 | 5.98 | 5.3 | 0.21 | 94 | 3.70 | 11.5 | 0.45 |
| ULH-12010 | 120 | 10 | 0.39 | 78.54 | 3.09 | 33 | 1.30 | 40 | 1.57 | 160 | 6.30 | 6.1 | 0.24 | 100 | 3.94 | 11.5 | 0.45 |
| ULH-15010 | 150 | 10 | 0.39 | 4.16 | 31 | 1.22 | 41 | 1.61 | 180 | 7.09 | 8.5 | 0.33 | 116 | 4.57 | 12.5 | 0.49 | |
| ULH-20010 | 200 | 10 | 0.39 | 136.58 | 5.38 | 32 | 1.26 | 42 | 1.65 | 204 | 8.03 | 9.5 | 0.37 | 132 | 5.20 | 13.5 | 0.53 |