

Movotec Lift Systems

The hydraulic adjustment system for heavy loads

Height adjustment for retrofit

The Bolt-On system is delivered as a kit for retrofitting. Using the retrofit system, you can retrofit your work table that previously could not be adjusted in height with just a few steps, thus making it a height-adjustable workplace. The system includes four to eight Bolt-On cylinders and a pump with hand crank or electric motor.

Movotec Bolt-On Systems



* The adjusting range of systems with electric motor is 6-8mm less. Other adjustment ranges available upon request.

System Lift Capacity (kg / lbs.)	Adjustment Range (mm / in.)	Crank-Driven System Part Number	Motor-Driven System (120V) Part Number	Motor-Driven System (230V) Part Number	Includes Pump	Includes Cylinders (x4)
340 / 750	150 / 5.9	MLS-00001	MLS-00001E	MLS-00009E	Q4809	CB415
340 / 750	200 / 7.9	MLS-00002	MLS-00002E	MLS-00010E	Q4812	CB420
340 / 750	300 / 11.8	MLS-00003	MLS-00003E	MLS-00011E	Q4818	CB431
340 / 750	400 / 15.7	MLS-00004	MLS-00004E	MLS-00012E	Q4824	CB440
454 / 1000	150 / 5.9	MLS-00005	MLS-00005E	MLS-00013E	Q4612	CB415
454 / 1000	200 / 7.9	MLS-00006	MLS-00006E	MLS-00014E	Q4615	CB420
454 / 1000	300 / 11.8	MLS-00007	MLS-00007E	MLS-00015E	Q4623	CB431
454 / 1000	400 / 15.7	MLS-00008	MLS-00008E	MLS-00016E	Q4631	CB440
590 / 1300	150 / 5.9	MLS-00080	MLS-00080E	MLS-00084E	Q4615	CB615
590 / 1300	230 / 9.1	MLS-00081	MLS-00081E	MLS-00085E	Q4623	CB631
590 / 1300	300 / 11.8	MLS-00082	MLS-00082E	MLS-00086E	Q4631	CB631
590 / 1300	393 / 15.5	MLS-00083	MLS-00083E	MLS-00087E	Q4639	CB640

The system includes

- Crank or motor driven system (incl. control box and switches)
- 4 Bolt-On lift cylinders
- Hydraulic flexible tubing in individual lengths
- Glides for each lift cylinder

- Drilling templates, tubing clips and cable ties
- Installation and operating instructions

Movotec "Bolt-On" lift systems are readily available, shipped completely assembled and ready for installation. (Custom options available for 1-4 and 5-8 cylinders)

Movotec Bolt-On Dual Drive Systems for 6 to 8 cylinders

Synchronized 8-leg-system with electric motor



* The adjusting range of systems with electric motor is 6-8mm less.

 Please find pumps, components and accessories in our Movotec catalog under www.suspa.com/downloads/SUSPA_Movotec_US.pdf

System Lift Capacity (kg / lbs.)	Adjustment Range (mm / in.)	Motor-Driven System (120V) Part Number	Motor-Driven System (230V) Part Number	Includes Pump (X2)	Includes Cylinders (x6)
680 / 1500	150 / 5.9	MLS-00020	MLS-00028	Q3612	CB415
680 / 1500	200 / 7.9	MLS-00021	MLS-00029	Q3615	CB420
680 / 1500	300 / 11.8	MLS-00022	MLS-00030	Q3612	CB431
680 / 1500	400 / 15.7	MLS-00023	MLS-00031	Q3631	CB440
907 / 2000	150 / 5.9	MLS-00024	MLS-00032	Q4612	CB415
907 / 2000	200 / 7.9	MLS-00025	MLS-00033	Q4615	CB420
907 / 2000	300 / 11.8	MLS-00026	MLS-00034	Q4623	CB431
907 / 2000	400 / 15.7	MLS-00027	MLS-00035	Q4631	CB440
1134 / 2500	150 / 5.9	MLS-00090	MLS-00094	Q4615	CB615
1134 / 2500	230 / 9.01	MLS-00091	MLS-00095	Q4623	CB631
1134 / 2500	300 / 11.8	MLS-00092	MLS-00096	Q4631	CB631
1134 / 2500	400 / 15.7	MLS-00093	MLS-00097	Q4639	CB640

The system includes

- Two synchronized motor driven systems with controllers and switch
- 8 Bolt-On lift cylinders
- Hydraulic flexible tubing in individual lengths
- Glides for each lift cylinder
- Drilling templates, tubing clips and cable ties
- Installation and operating instructions

Movotec Dual Drive Lift Systems are shipped assembled and ready for installation.

Corner Leg System



System Lift Capacity (kg / lbs.)	Adjustment Range (mm / in.)	Crank-Driven Part Number	Motor-Driven System (120V) Part Number	Motor-Driven System (230V) Part Number	Includes Pump (X2)	Includes Cylinders (x6)
340 / 750	150 / 5.9	MLS-00040	MLS-00044	MLS-00048	Q4809	CL450 (150)
340 / 750	200 / 7.9	MLS-00041	MLS-00045	MLS-00049	Q4812	CL450 (200)
340 / 750	300 / 11.8	MLS-00042	MLS-00046	MLS-00050	Q4818	CL450 (300)
340 / 750	400 / 15.7	MLS-00043	MLS-00047	MLS-00051	Q4824	CL450 (400)

The system includes

- A crank or motor driven system with controller and switch
- Four corner leg lift cylinders
- Two 2.5m, (8 ft.) and two 3m (10 ft.) sections of flexible tubing
- Four glides
- Tubing clips and cable ties
- Installation and operating instructions

ATU Lift System



System Lift Capacity (kg / lbs.)	Adjustment Range (mm / in.)	Crank-Driven Part Number	Motor-Driven System (120V) Part Number	Motor-Driven System (230V) Part Number	Includes Pump	Includes Cylinders
200 / 7.9	500 / 19.7	MLS-00060	MLS-00062	MLS-00064	Q2812	CE420
300 / 11.8	600 / 23.6	MLS-00061	MLS-00063	MLS-00065	Q2818	CE430

The system includes

- A crank or motor drive system
- Two lift cylinders with ATU bracket
- Two ATU's
- Two flexible tubing sections 0.9m (3 ft.) and 1.8m (6 ft.)

*Workstation components and kits can be purchased separately or as a complete kit, ask for details

Guided Cylinders



For O.E.M. or retrofit applications, the patented CB and CN cylinder were designed to bolt on to virtually any structure for height adjustability. CB "Bolt-On" cylinders have an in-line tubing port and can be used for most applications. CN "Bolt-On" cylinders have a 90° tubing port and are designed for applications where tubing bend radius clearance is limited.

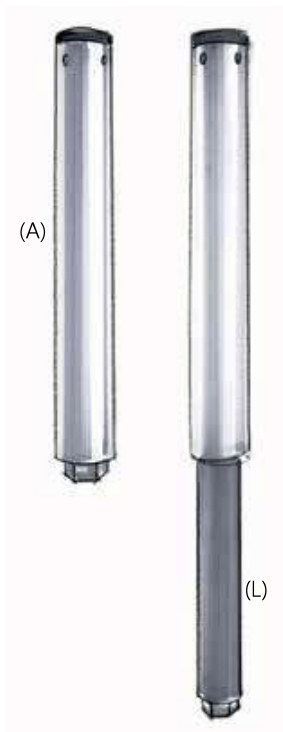
Both cylinders have 4 - M5 X 0.8 X 7mm tapped holes that make mounting easy, or choose mounting brackets.

Technical Data

- Anodized aluminum housing
- Corrosion resistant



The CN cylinder port rotates to any desired angle



CB Cylinder Model Number	CN Cylinder Model Number	Length (A) (mm / in)	Stroke (L) (mm / in)
CB415	CN415	258.5 / 10.2	150 / 5.9
CB420	CN420	333.5 / 13.1	200 / 7.9
CB431	CN431	463.5 / 18.2	300 / 11.8
CB440	CN440	558.5 / 22.0	400 / 15.7

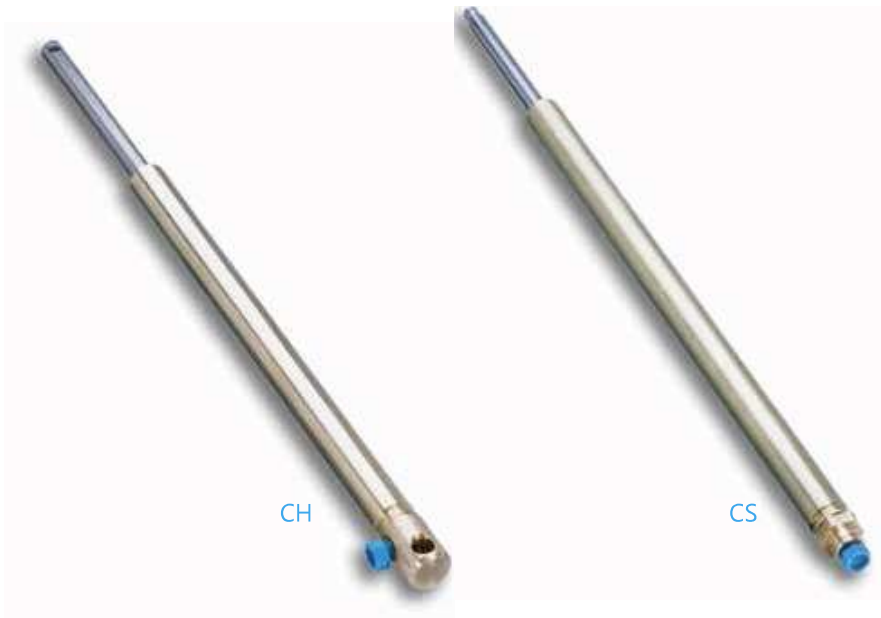
Unguided Cylinders



Designed for O.E.M. applications, each cylinder utilizes a unique set of end-fitting configurations to assist in your deign and manufacturing process. CE & CS cylinders are secured with retaining rings (not included). CH cylinders are secured with pins (not included). These cylinders must be used in conjuction with an external guide mechanism to prevent non-anial loading of the cylinder. Custom combina-tion or unique rod & tube ends available.

Technical Data

- Brass cylinder tubes
- Stainless steel rods



CE Cylinder Model Number	CS Cylinder Model Number	CN Cylinder Model Number	Length (A) (mm / in)	Stroke (L) (mm / in)
CH415	CS415	CH415	188 / 7.4	150 / 5.9
CH420	CS420	CH420	238 / 9.4	200 / 7.9
CH430	CS430	CH430	338 / 13.3	300 / 11.8
CH440	CS440	CH440	438 / 17.2	400 / 15.7

