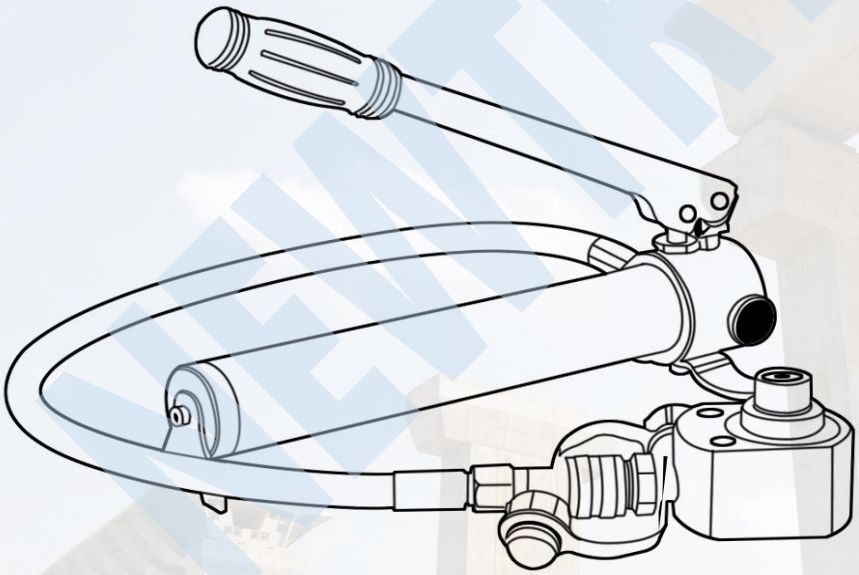
NEWTRY

Newtry, new start.

HYDRAULIC JACK & HAND PUMP

Users' Guide









Please read the manual carefully before use

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➢ Hydraulic Jack

1. Tecnical Paramater (Single section)



Tonnage	10T	20T	30T
Stroke	0.43 "/ 11mm	0.51 "/ 13mm	0.55 "/14mm
Self Height	2 "/ 51mm	2.3 "/ 58mm	2.6 "/65mm
Outer Diameter	3.1x2.4 "/ 80x60mm	4x3 "/ 100x80mm	5*4 "/125x100mm
Internal Diameter	1.8 "/ 45mm	2.6 "/ 65mm	3 "/80mm
Weight	3.5lbs/ 1.6kg	6 lbs/ 2.75kg	11lbs/5kg

Effective Area	6.3 square inches/ 15.89cm²	13 square inches/ 33.16cm²	19square inches/50.24cm²
Used with Pump	CP-180	CP-180	CP-700

2. Tecnical Paramater (Multi-section)



Tonnage	10T	20T	30T
Stroke1	0.51 "/ 13mm	0.63"/16mm	0.55 "/14mm
Stroke2	0.51 "/ 13mm	0.55 "/14mm	0.8"/21mm
Stroke3	—	—	
Total Stroke	1"/26mm	1.18"/30mm	2.1"/54mm
Oil Storage Capacity	22cc	41cc	58cc

Self Height	2 "/ 51mm	2.3 "/ 58mm	2.6 "/65mm
Weight	3.5 lbs/ 1.6kg	6 lbs/ 2.75kg	11 lbs/5kg
Compression Area	1.75 square inches/ 11.3cm²	3 square inches/ 19.6cm²	4.8 square inches/31.1cm²
Internal Diameter1	1.1"/ 28mm	1.18"/ 30mm	1.18 "/30mm
Internal Diameter2	1.5"/38mm	1.97"/50mm	1.8/46mm
Internal Diameter3	—	—	2.5"/63mm
External Diameter	2.6x3.7 "/66x83mm	3.1x3.9"/79x99mm	4.1x4.9"/105x125 mm
Used with Pump(not included)	CP-180	CP-180	CP-700

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1. Application

Hydraulic jacks are smaller in volume than ordinary jacks, and can produce greater working capacity. They are light, flexible , powerful, and more convenient to use in narrow spaces. This product is widely used in electric power, chemical, steel, bridge, machinery and other enterprises.

2. Method of Use

1. Before use, you must check whether each part is normal.

2. When using, please strictly abide by the regulations in the main parameters, and avoid super-high and overload, otherwise, when the lifting height or lifting tonnage exceeds the regulations, serious oil leakage will occur in the cylinder.

3. Please refer to the instruction manual of the electric pump for the electric pump.

4. Please select the appropriate center of gravity of the heavy object and the point of force of the jack, and the bottom surface should be flat, and at the same time, consider the soft and hard conditions of the ground, whether it is padded with tough wood, and whether it is placed smoothly, so as to avoid sinking or tilting of the load.

5. After the jack lifts the heavy items, the heavy objects should be supported firmly in time, and it is strictly forbidden to use the jack as a support.

6. If several jacks are required to be lifted at the same time, in addition to the correct placement of the jacks, multiple diversion methods should be used, and the load of each jack should be balanced. Uneven weight may cause the ground to sink, so please keep the lifting speed synchronized to prevent the weight being lifted from tilting and causing danger.

7. When using, first connect the quick connector of the hand pump with the top, then select the position, and tighten the oil drain screw on the oil pump to work. If you want to lower the piston rod, you should use manual operation, otherwise the lowering speed will cause danger.

8. The jack is a spring reset structure, after the lifting is completed, it can be quickly taken out, but the jack cannot be pulled by the connected hose.

9. Due to the small lifting stroke of the jack, do not exceed the rated stroke when using it to avoid damage to the jack.

10. Avoid violent vibration during use.

11. Not suitable for use in workplaces with acids and corrosive gases.

12. The user should regularly check and maintain the machine according to the condition of the machine.

3. Precautions

1. Don't add partial load or overload when using, so as to avoid accidents and damage to parts.

2. Please perform regular maintenance to avoid clogging or leakage affecting the use.

3. There is more air in the cylinder of the new or long-term used hydraulic jack. At the beginning of use, there may be a slight sudden jump of the piston rod. The hydraulic jack can be repeatedly moved 2-3 times without load to eliminate air. The seals of the jacks that have been idle for a long time will affect the service life of the hydraulic jacks. Therefore, when this product is not applicable, it is recommended to repeat the movement 2-3 times a month without load.

➢ Hydraulic Hand Pump

1. Product Specification



CP-700



Model	High Pressure Output	High Pressure Oil Quantity	Low Pressure Output	Oil storage	Tubing length	Net weight/ Gross weight
CP-180	60kg/cm²	2CC	/	400CC Hydraulic oil	39"/1m	3.5KG/4KG
CP-700	700kg/cm²	2.3CC	20kg/cm²	900CC Hydraulic oil	71"/1.8m	9.6KG/11KG

2. Product Instructions

(1) Before putting a new pump into use, first screw a gas hole (air hole) upward at the end of the pump (where there is an indication label) to ensure that the pump can have air circulation under normal operation without causing oil seal damage caused by vacuum in the cylinder block.

(2) Twist on the booster handle.

(3) After tightening the oil return switch on the front right side, the oil output can be obtained by repeatedly pressing the handle.

(4) After the test is completed, the related equipment can be connected for use.

(5) Operation of double-acting output oil pump:

The third item above does not count. If there is oil circuit switch

① No. A pipe outlet, B pipe outlet

② position, neutral, AB pipe outlet maintenance

③ position, A pipe outlet oil, B pipe outlet oil

Refueling Method:

Unscrew the black knob on the rear bracket of the pump, and pour about 2/3 of No. 15 hydraulic oil into it. No need to exhaust air.

We can provide hoses of different lengths according to your needs. If you need them, please contact us by email.

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3. Maintenance

(1) Replacement of hydraulic fluid every three months.

After each use, it should be cleaned,

as far as possible not stick dirty things or sediment on the plunger,

so as to keep the plunger smooth and reduce the density. Wear of sealing ring.

(2) After using for a period of time,

if the pressure is not enough,

please loosen the inner hexagonal screw in front of the switch edge first,

and then adjust the pressure adjusting screw clockwise

with the inner hexagonal wrench to achieve the same pressure as before.

(3) Working oil should adopt 15 # hydraulic oil.

It is normal for hydraulic tools to leak oil after a long period of use. You can replace the sealing ring in order to solve this problem.

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4. Common problems & Solutions

Common problems:

① no pressure ② piston up and down synchronization ③ handle rebound

Solutions:

When **problem 1** appears:

A. The marbles are gone (return)

B. The marbles are cleaning the particles on the surface of the marbles,

or the debris in the holes (iron scraps, raw tape, etc.)

C. If the oil core is oily, replace the oil seal.

D. In the place where the handle is nailed,

remove the outer M10 socket head cap screws (outside),

then the M8's inner hexagon is tight (clockwise) and the handle is pressed down.

E. lack of oil

When **problem 2** appears: the solution is as above

When the **problem 3** appears:

F. Remove the hexagon socket from the handwheel

and high-pressure bolt position,

and pours out the two marbles and springs in the hole,

one M6, one M8 (the installation sequence M6 is below,

the M8 is Upper, then put the spring and screw back the screw.)

When **problem 4** appears:

the solution is the same as B, F

G. The marked oil number is incorrect.

(Applicable to 7#-15# hydraulic transmission or

32# anti-wear hydraulic oil. Note that oils above the 46th

and 32# concentration standards cannot be used)

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Products related to this item

Model	10T Ultra-thin Hydraulic Jack	20T Ultra-thin Hydraulic Jack	CP-800 Hydraulic Hand Pump

aftersaleservice2016@hotmail.com

Product			
ASIN	B074R91NW4	B074R8J2VM	B06XG4HBNT
Used With	CP-180 Hydraulic Pump	CP-180 Hydraulic Pump	Large oil storage

Model	20T Multi-Section Hydraulic Jack	30T Multi-Section Hydraulic Jack	CP-700 Hydraulic Hand Pump
Product			
ASIN	B07Y21DW3F	B07Y22TP4Z	B06XGSPL2M
Used With	CP-180 Hydraulic Pump	CP-700 Hydraulic Pump	Large oil storage