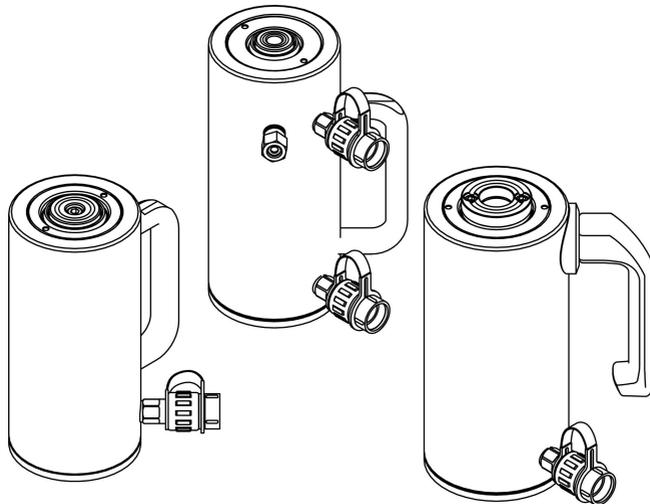


## SAVE THIS MANUAL

# HYDRAULIC CYLINDER

## Instruction Manual



Due to continuing improvements, actual product may differ slightly from the product described herein.



**Read this material before using this product.**

**Failure to do so can result in serious injury.**

**SAVE THIS MANUAL**

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the month and year of purchase. Keep this manual and the receipt in a safe and dry place for future reference.

## IMPORTANT SAFETY INFORMATION

**In this manual, on the labeling, and all other information provided with this product:**



**This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.**

### **▲DANGER**

**DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.**

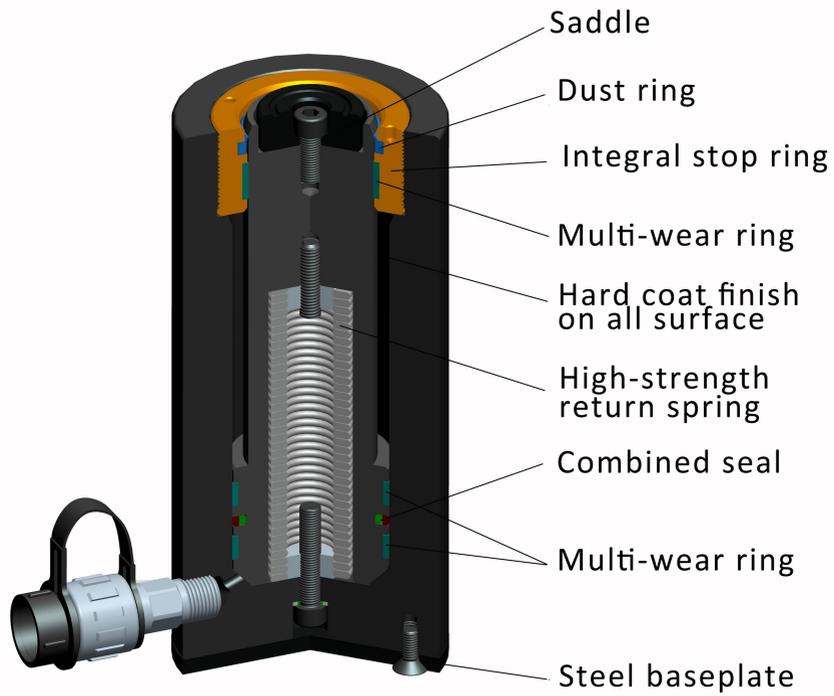
### **▲WARNING**

**WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.**

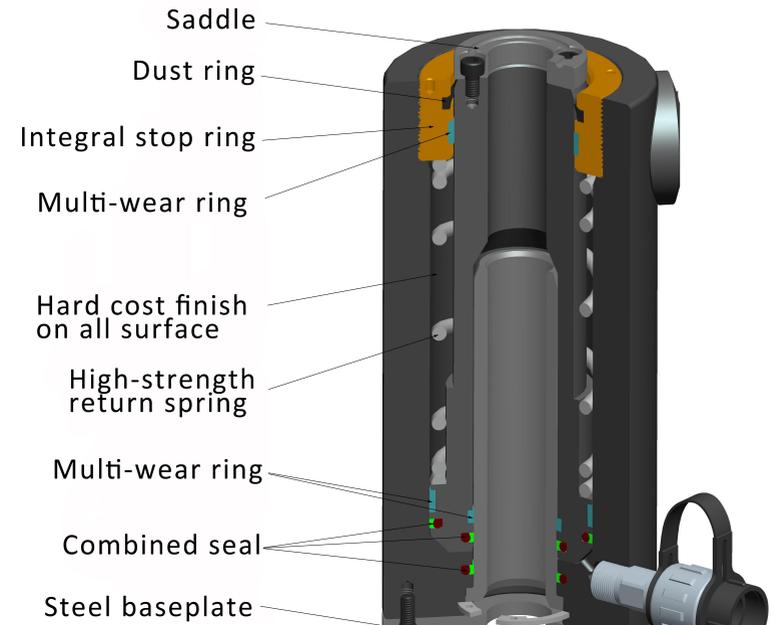
### **▲CAUTION**

**CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.**

## 1. FPY, RSC, FCY series, single-acting cylinders

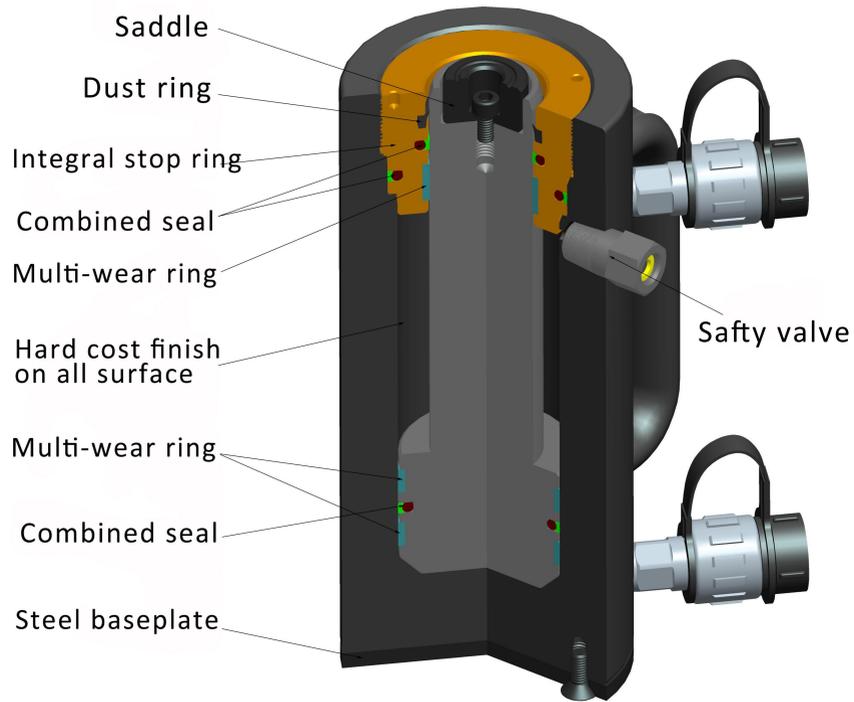


## 2. RCH series, hollow plunger cylinders

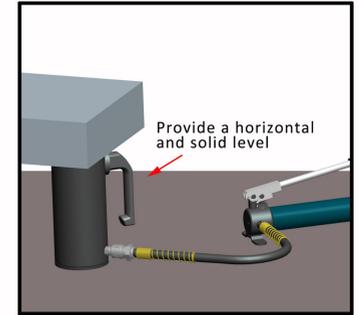


### 3. FCT series, double acting hydraulic cylinders

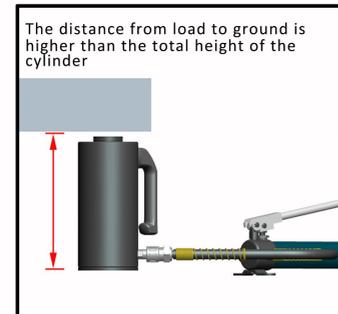
## OPERATING INSTRUCTION



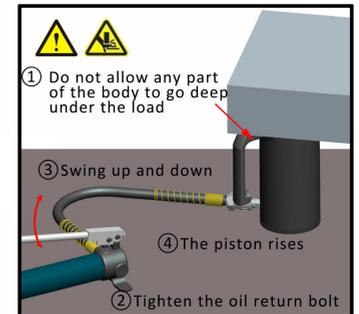
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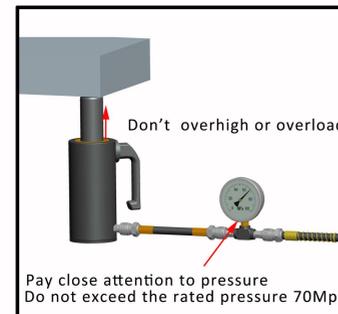
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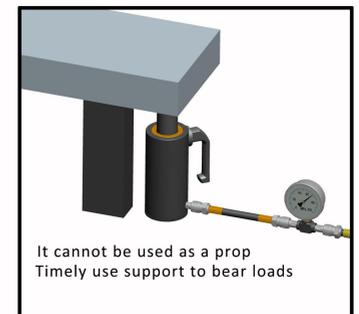
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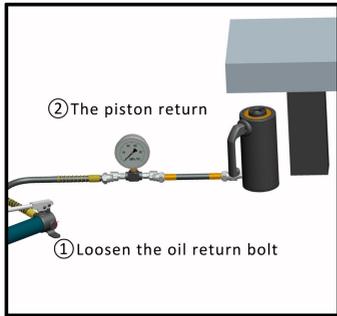
4.



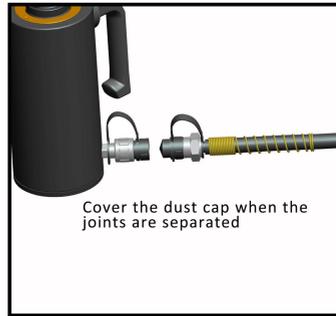
5.



6.

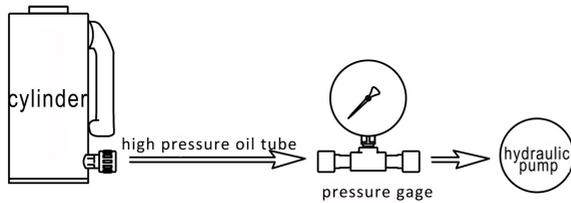


7.

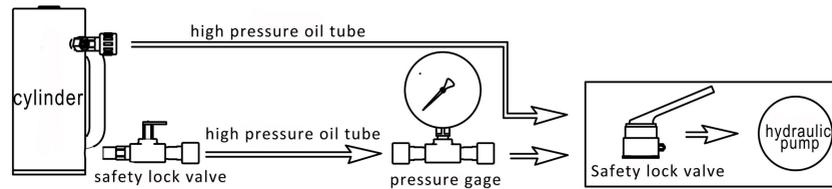


8.

### Single-action



### Double-action



**Connection Diagram**

### Usage of the tool

1. Check whether all parts of the tool are normal, including quick joints, high-pressure tubes and matching hydraulic pump before use.
2. For manual or electric pumps, please refer to the supporting manual.
3. The center of gravity of the weight should be moderate, and the underside should be flat. At the same time, the soft and hard conditions on the ground should be considered.
4. When lifting a weight, the weight shall be firmly supported by a support. It is forbidden to use the cylinder as a support.

## MAINTENANCE AND SERVICING

1. The hydraulic cylinders of our company are all designed with precision, and the internal parts shall not be disassembled at will. Any failure or damage caused by improper use caused by users' unauthorized disassembly is beyond the scope of our distributor or manufacturer's warranty, but it can be repaired for users (only cost of parts is charged).
2. For the use of hydraulic pump, please refer to the operation manual of the hydraulic pump and must be operated correctly.
3. When tools are shelved for a long time, please return the piston to the bottom, wipe the tool surface clean and smear anti-rust grease on the tool metal surface, and put it into the special tool box to store in the dry environment.



The components of tools seal may be worn to different degrees after being used for a period of time. If there is a large amount of leakage of hydraulic oil, please contact the dealer or manufacturer and ask professional maintenance personnel to replace the seal components