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CF | CFA | CFC | CFU | CL | CLF | CSF | CX | CXR

BRUKSANVISNING • BRUGSANVISNING • KÄYTTÖOHJE • OPERATING INSTRUCTIONS

GEBRAUCHANWEISUNG • MODE D'EMPLOI • GEBRUIKSAANWIJZING

ISTRUZIONI PER L'USO • INSTRUCCIONES DE USO • INSTRUÇÕES DE USO • 使用说明

Thank you for the faith you have shown in us by choosing a REHOBOT product. REHOBOT stands for products of high quality and it is our hope that you will be able to use this product for many years.

To avoid functional disturbances, we recommend that you read these instructions thoroughly before using the product.

### System construction

Always plan a hydraulic system by choosing products that are suitable for the task in hand. Check product limitations regarding pressure range, lifting capacity and compatibility. The maximum working pressure of the system must not exceed the maximum working pressure of any product in the system.

We recommend the use of pressure gauges with any hydraulic system to ensure that it is operated within its safe working range.

Make sure that all hydraulic hoses, connections, etc., are connected to the right connection port (pressure or return port) on the pump, ram, valve or other hydraulic component.

### Operation

Support the ram on or against a solid, flat surface before lifting. Never lean over a pressurized ram or pump lever. Before lifting, secure the load so that it cannot roll or slide.

Never work under a raised load without first supporting it on axle stands or some form of mechanical support.

Never disconnect a ram from the pump when the hydraulic system is pressurised.

### Uneven loading

Make sure the ram supports the load at right angles to the surface. Avoid uneven loading, i.e. situations where the load is not carried through the centre of the lifting plate. Uneven loading puts unfavourable stresses on the ram and can lead to permanent damage. Avoid point loads - spread the load across the lifting plate whenever possible.

### Overloading

Do not lift any load that exceeds the rated capacity of the ram. Overloading may damage the equipment and cause personal injury. A ram can support maximum load on the piston stop ring/glands. However, avoid loading a ram when it is fully extended as this causes unfavourable stresses. Therefore choose a ram with a slightly longer stroke than is necessary for the intended application.

### Hoses

Do not let hoses become twisted or sharply bent. If hydraulic pressure is applied to a distorted hose it can cause an unfavourable rise in pressure that may damage the equipment.

If hoses are badly bent or twisted it may lead to internal rupture and excessive wear.

Do not let sharp or heavy objects rest on the hose or run over it. Never lift or carry hydraulic components by the hose or connections

### Aluminum cylinders

**Note!** The REHOBOT range of CHFA aluminium cylinders are aimed to be used intermittent and in low-cycle applications such as normal maintenance and lifting operations. These aluminium cylinders are designed to provide a lifetime of at least 5.000 cycles and should therefore NOT be used in high-cycle operations like production lines etc. Use of these cylinders beyond their rated life can lead to sudden failure without warning and could cause property damage, injury, or death.

### Accessories

When connecting accessories such as a chain attachment, extension tubes, pressure heads, etc., make sure that they are connected in a safe manner. The capacity rating of a tool indicates the maximum force available from the tool. When using accessories, such as an extension tube, clamp heads, etc., the maximum force cannot be used for reasons of safety. REHOBOT or authorised REHOBOT dealers will gladly give you advice on individual situations.

### Heat

Avoid exposing hydraulic equipment to temperatures higher than 50°C. Heat can destroy gaskets and hoses.

### Bleeding the hydraulic system

Air can collect in the hydraulic system when hoses or tools are connected and this can lead to problems in operation. To bleed the system run the tool or ram through 3-4 cycles (pumping to full extension then releasing) without any load. At the same time make sure that the tool or ram is kept lower than the pump so that air can travel back to the oil reservoir in the pump. Then bleed the pump oil reservoir. Top up the pump with oil if necessary.

### Maintenance

Hydraulic equipment must be serviced and maintained regularly to keep it in good working condition. For safety reasons it is important that hydraulic products are serviced and maintained by experienced personnel. If in any doubt, contact your dealer for information about the nearest authorised service agent.

Always use original REHOBOT spare parts. Lubricate moving parts as necessary with a high quality grease. Always use high quality hydraulic oil with good low temperature properties.

### Storage

When hydraulic equipment is not in use:

Clean the equipment, make sure the hydraulic system is not pressurized and store it somewhere clean and free from damp. Make sure the equipment is not subject to extremes of temperature.

