TCR-1000-CH
CROSS HAULING AIR HOIST

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The TCR-1000-CH is a 1000 kg chain hoist from Red Rooster Lifting. This is part of our air hoist hook suspension range for lifting equipment applications in industry.



The **Red Rooster Lifting** TCR series of air hoists offers a comprehensive range of lifting equipment suited to all types of industrial and marine environments. Red Rooster Lifting hoists are the perfect lifting solution for where the duty is high, or where a robust hoist is required to withstand harsh conditions. The hoists comply with the UK supply of Machinery (Safety) Regulations 2008 and the European Machinery Directive. The hoists can be UKCA marked or CE marked.

This model of air hoist is suitable for 'Cross Hauling' working fully loaded at angles of up to 45° from the vertical. It can be used for positioning and transferring loads with the load chains under tension between hoists (see Diagram 1). The safety factor built into the hoist means that the weight of the load being lifted/transferred will not cause either hoist to be overloaded during operation. Where modified for cross hauling at up to 45° angle the model number will end with 'CH'.

STANDARD FEATURES

- Toku rotary vane motor
- Robust epicycle gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 7 x 21mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Cross hauling up to 45°
- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors* (PVC, galvanised or stainless steel)
- Air service units
- Radio control*
- Main air shut off valve

*Please contact us for cross hauling applications.

UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD

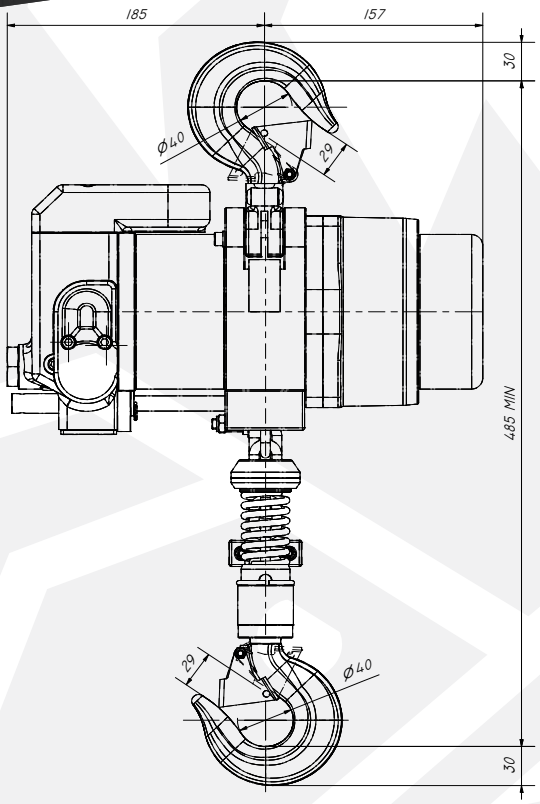
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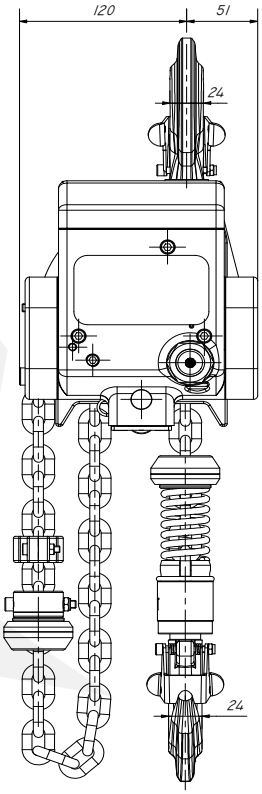
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DIMENSIONS

All measurements are in mm
Information subject to change without notice





HOIST MODEL	TCR-1000-CH
WLL	1000 kg
CHAIN FALLS	1
LIFTING SPEED WITH LOAD	6.0 m/min
LIFTING SPEED WITHOUT LOAD	11.3 m/min
LOWERING SPEED WITH LOAD	10.3 m/min
AIR CONSUMPTION LIFTING	25 l/sec
AIR CONSUMPTION LOWERING	28 l/sec
WORKING PRESSURE	6 Bar
AIR CONNECTION	1/2" BSP
MINIMUM HOSE DIA.	1/2"
WEIGHT 3M HOL	34.0 kg
ADDITIONAL METRE HOL	1.1 kg

CROSS HAULING WITH AIR HOISTS

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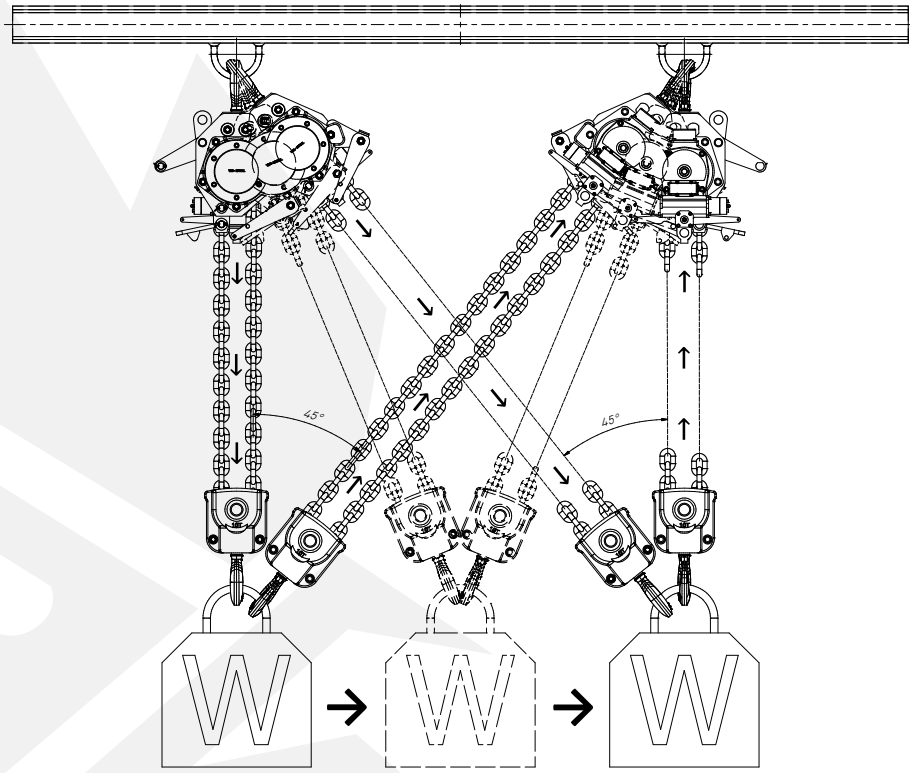


Diagram 1

When carrying out complex lifting operations like cross hauling to transfer loads from one hoist to another a formal work pack should be in place including a lift plan, method statement and a risk assessment completed by a competent person.

The hoist manual contains further details on safe operation while cross hauling, fleeting or oblique or non-vertical lifting and pulling using Red Rooster air hoists.

For further information please contact Red Rooster Lifting.

UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD