

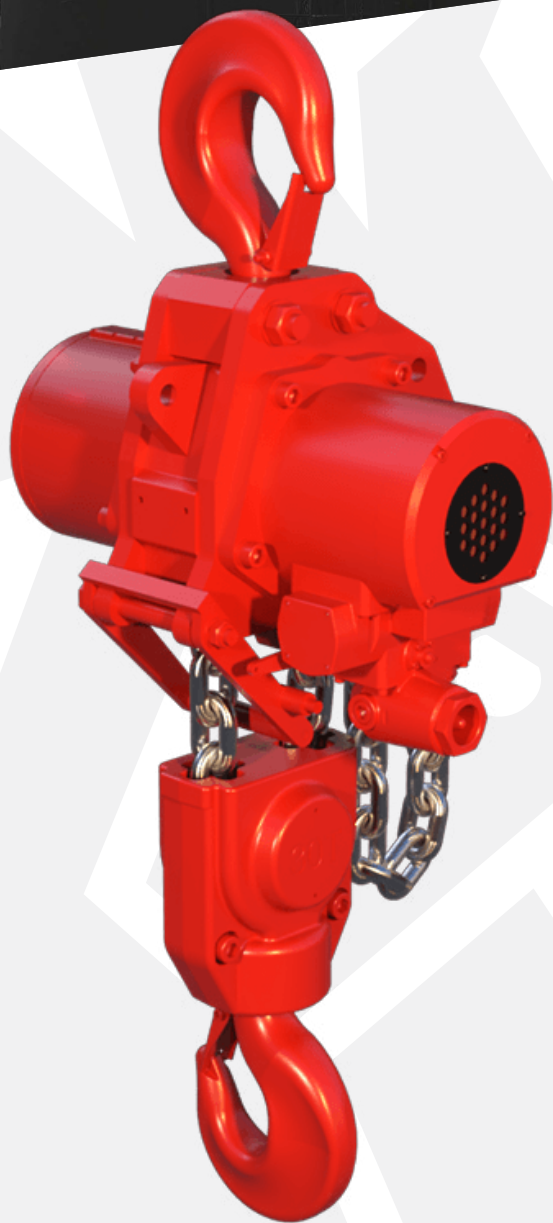
# TMH-30T-CH CROSS HAULING AIR HOIST

The **TMH-30T-CH** is a 30 tonne chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



**RED ROOSTER  
LIFTING**

RAISING EXPECTATIONS



The new **Red Rooster Lifting** TMH series air hoists have the highest lifting speed with the lowest headroom on the hoist market. The TMH hoists are designed to operate at full lifting capacity with an air pressure from 4 – 6.3 bar. For full speed operation the hoist air pressure should be 6.3 bar.

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 3 step planetary gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm of European manufacture to EN818-7
- Automatic load limiter

## AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- ATEX zone 1 specification
- Chain collectors\* (galvanised or stainless steel)
- Air Service units
- Radio control\*

\*Please contact us for cross hauling applications.



**ATEX ZONE 2  
AS STANDARD**

T: +44 (0) 1651 872101  
sales@redroosterlifting.com

**REDROOSTERLIFTING.COM**

**Red Rooster Lifting Limited** Nauta House, The Meadows, Oldmeldrum, Inverurie, Aberdeenshire, UK, AB51 0EZ

# TMH-30T-CH

## CROSS HAULING AIR HOIST

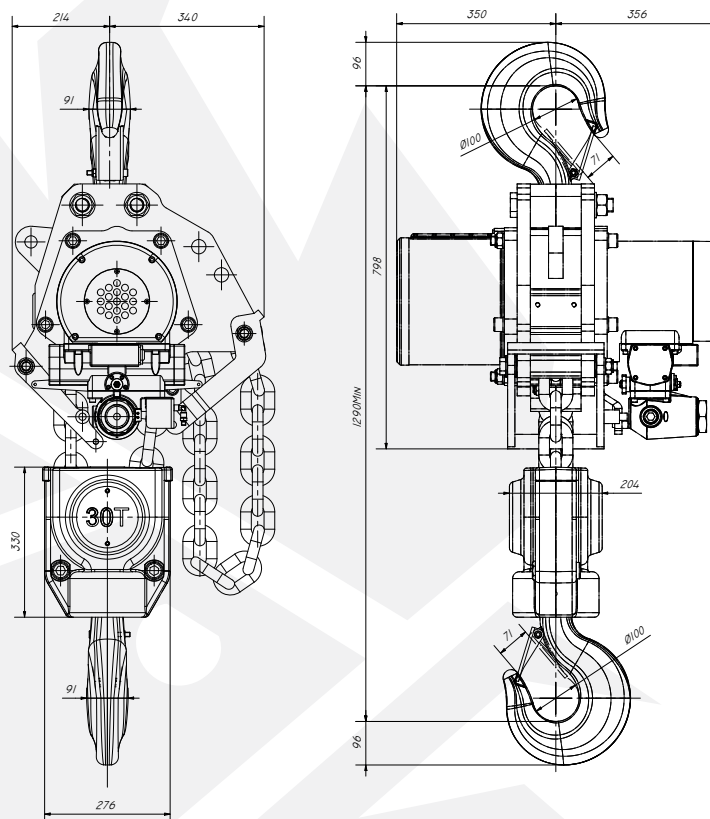


**RED ROOSTER**  
**LIFTING**

RAISING EXPECTATIONS

### DIMENSIONS

All measurements are in mm  
Information subject to change without notice



| HOIST MODEL                | TMH-30T-CH |
|----------------------------|------------|
| WLL                        | 30000 kg   |
| CHAIN FALLS                | 2          |
| LIFTING SPEED WITH LOAD    | 1.0 m/min  |
| LIFTING SPEED WITHOUT LOAD | 2.7 m/min  |
| LOWERING SPEED WITH LOAD   | 2.7 m/min  |
| AIR CONSUMPTION LIFTING    | 108 l/sec  |
| AIR CONSUMPTION LOWERING   | 166 l/sec  |
| WORKING PRESSURE           | 4 - 6 Bar  |
| AIR CONNECTION             | 1 1/2" BSP |
| MINIMUM HOSE DIA.          | 1 1/2"     |
| AIR SERVICE                | 1 1/2" FLR |
| WEIGHT 3M HOL              | 602 kg     |
| ADDITIONAL METRE HOL       | 24.4 kg    |
| G.A. DRAWING               | TMH-30TP2E |



# CROSS HAULING WITH RED ROOSTER LIFTING AIR HOISTS

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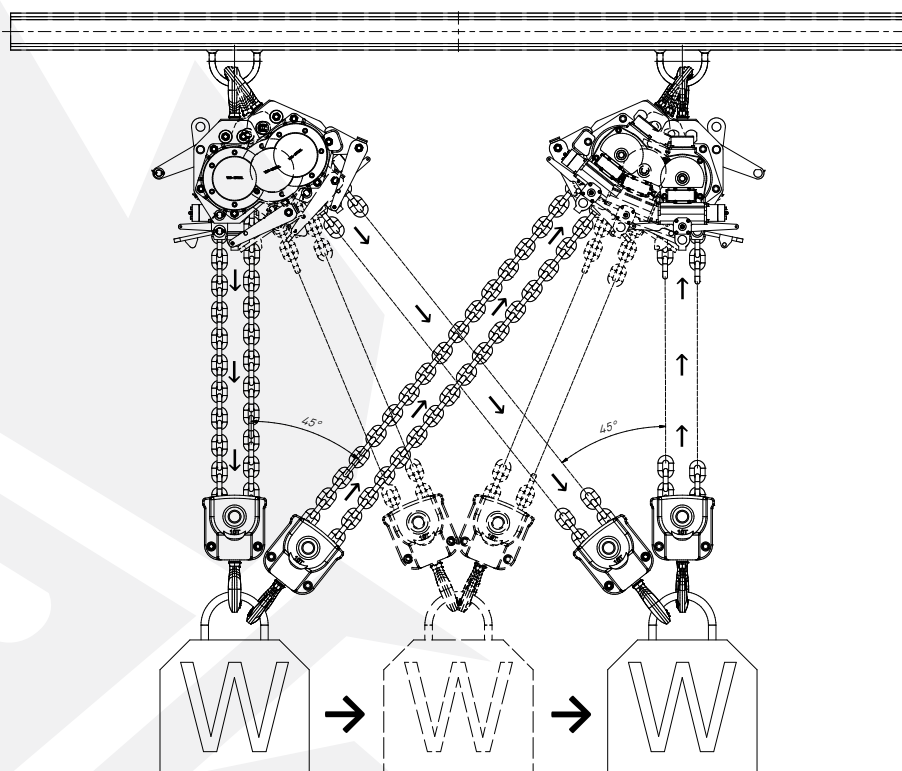


DIAGRAM 1

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.



**ATEX ZONE 2  
AS STANDARD**