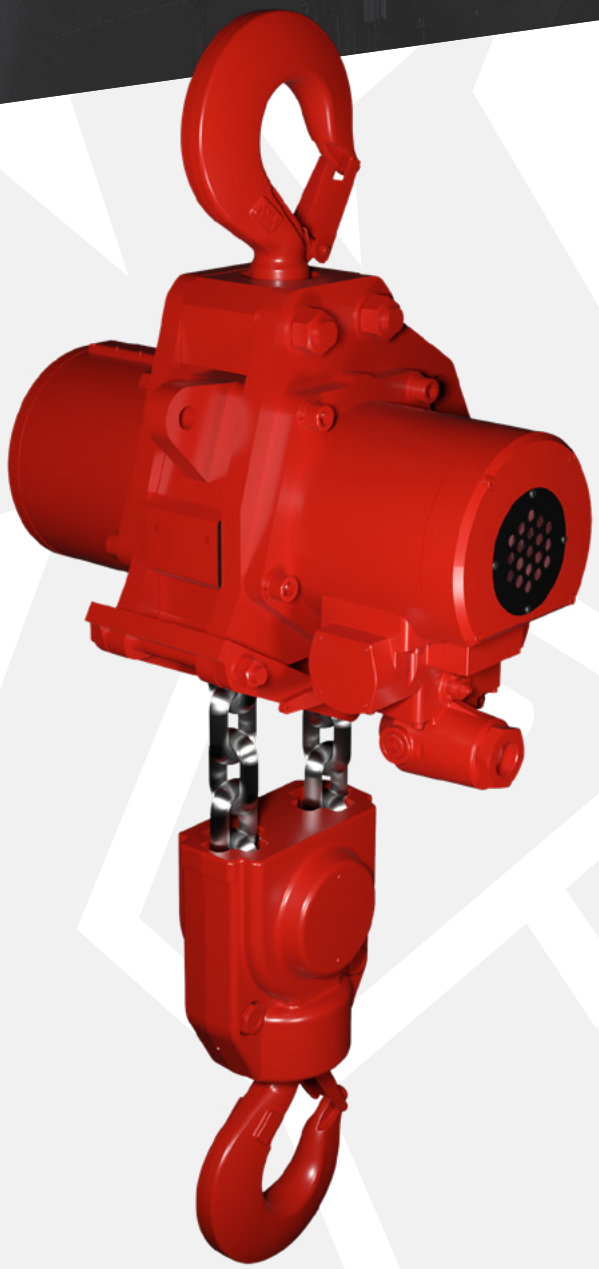
TMH-25T-CH
CROSS HAULING AIR HOIST

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The TMH-25T-CH is a 25 tonne chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD

The new **Red Rooster Lifting** TMH series air hoists have the highest lifting speed with the lowest headroom on the hoist market. With the high M4 classification of mechanism (ISO 4301-1) this high speed air hoist is extremely durable and will guarantee the continuity of your process. 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
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors* (galvanised or stainless steel)
- Air Service units
- Radio control*

*Please contact us for cross hauling applications.

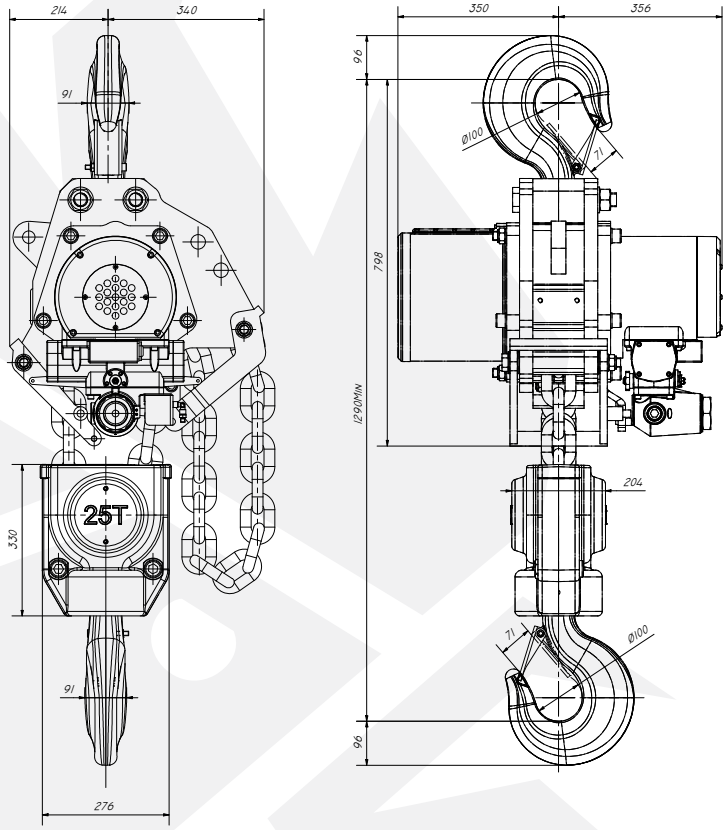
TMH-25T-CH
CROSS HAULING AIR HOIST

RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



HOIST MODEL	TMH-25T-CH
WLL	25000 kg
CHAIN FALLS	2
LIFTING SPEED WITH LOAD	1.4 m/min
LIFTING SPEED WITHOUT LOAD	2.7 m/min
LOWERING SPEED WITH LOAD	3.0 m/min
AIR CONSUMPTION LIFTING	108 l/sec
AIR CONSUMPTION LOWERING	180 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	581 kg
ADDITIONAL METRE HOL	24.4 kg

CROSS HAULING WITH AIR HOISTS

RED ROOSTER LIFTING

RAISING EXPECTATIONS



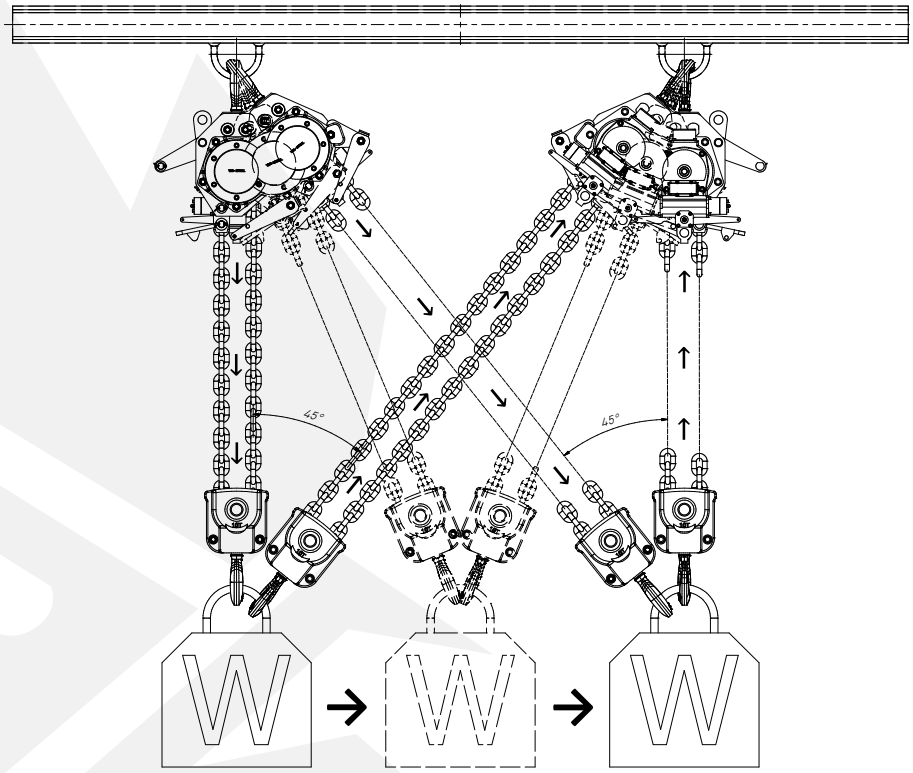


Diagram 1

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