

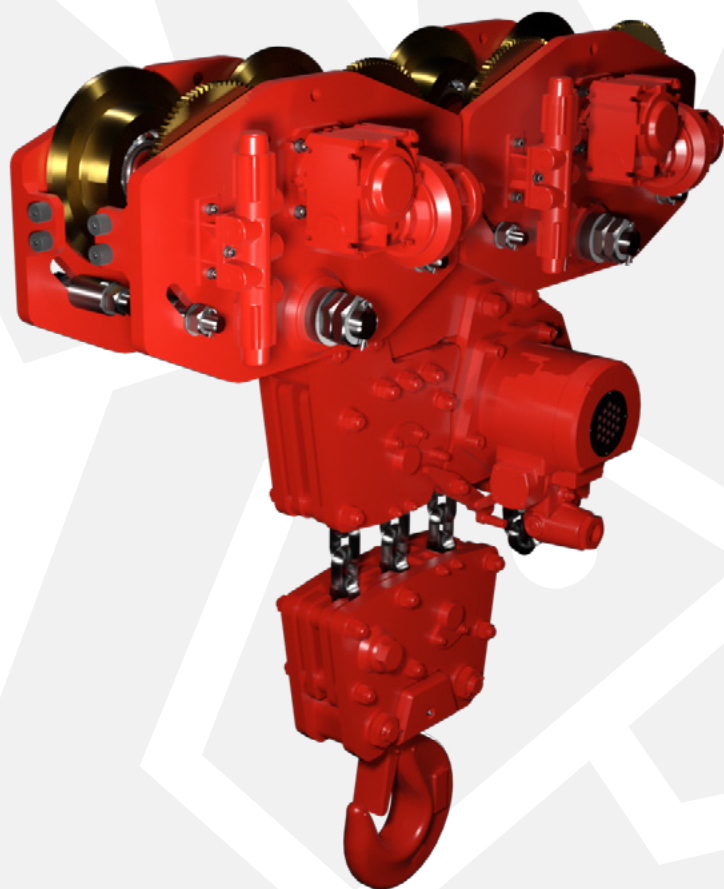
# TMH-45T-AT45-2S AIR HOIST & TROLLEY

The **TMH-45T-AT45-2S** is a 45 tonne chain hoist and trolley from Red Rooster Lifting. This is part of our air hoist and trolley range for lifting equipment applications in industry.



**RED ROOSTER  
LIFTING**

RAISING EXPECTATIONS



The new **Red Rooster Lifting** TMH series air hoist and trolleys 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.

## STANDARD FEATURES

- Toku rotary vane motor
- Robust 3 step planetary gearbox
- Failsafe automatic internal disc brake
- Choice of pendant controls or control stations
- 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
- Trolley to suit various flange profiles
- Anti-tilt & anti-drop plates
- High efficiency motor gearbox
- Heavy duty sealed wheel bearings
- Wheel profile to suit parallel or tapered flanges

## AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Collision bumpers
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (galvanised or stainless steel)
- Articulated trolley
- Low headroom units
- Rack & pinion drive
- Travel limits
- Air service units
- Festoon systems
- Radio control remote
- Optional travel speeds
- Beam brake



**UK EX SCHEME ZONE 2  
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

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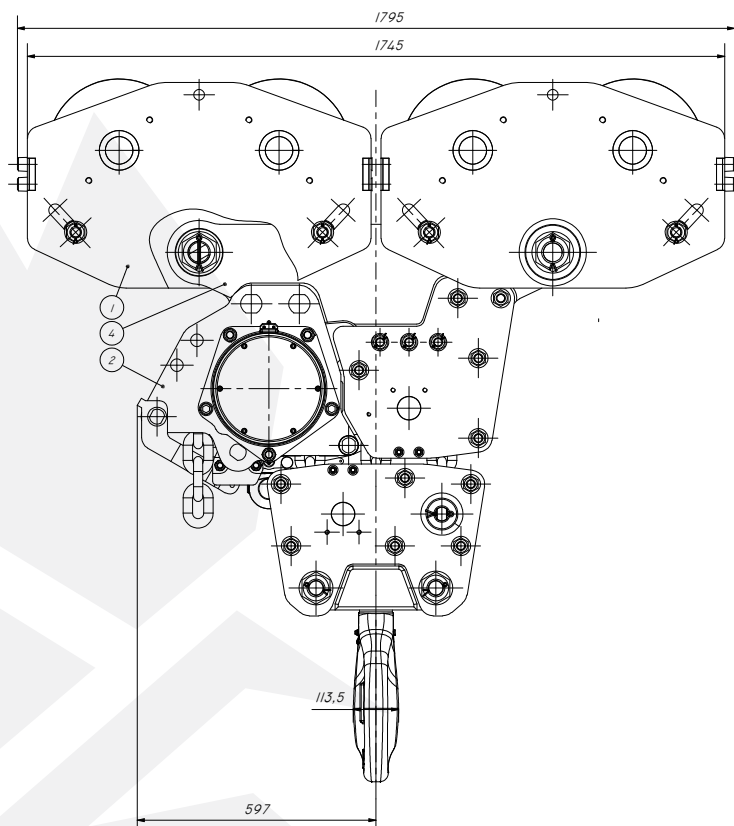
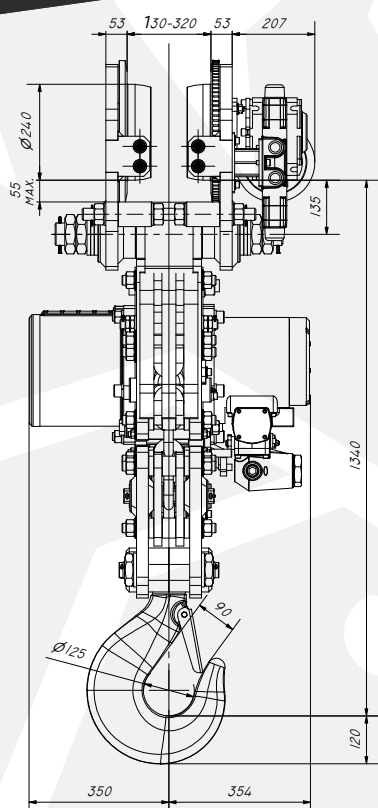


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## DIMENSIONS

All measurements are in mm  
Information subject to change without notice



HOIST MODEL	TMH-45T-AT45-2S	TROLLEY MODEL	AT45S
WLL	45000 kg	G.A. DRAWING	1582-00
CHAIN FALLS	3	FLANGE	130-200
LIFTING SPEED FULL LOAD	0.65 m/min	RANGE 1	200-260
LIFTING SPEED WITHOUT LOAD	1.8 m/min	RANGE 2	260-320
MAX AIR CONSUMPTION (L/SEC)	166	RANGE 3	
WORKING PRESSURE	4 - 6 Bar	STANDARD TROLLEY TEMP RANGE	-10 to +50°C
AIR CONNECTION	1 1/2" BSP	OPTIONAL TROLLEY TEMP RANGE	-20 to +60°C
MINIMUM HOSE DIA.	1 1/2"	TRAVEL SPEED (M/MIN)	6
AIR SERVICE UNIT	1 1/2" FLR	WHEEL MATERIAL	Steel
WEIGHT 3M HOL & TROLLEY	1727 kg	ATEX WHEEL MATERIAL	Bronze
ADDITIONAL METRE HOL	36.6 kg	MINIMUM BEND RADIUS (M)	Straight Only
		NUMBER OF WHEELS	8
		DRIVEN WHEELS	4
		MAX AIR CONSUMPTION	80 l/sec
		HOSE ID TROLLEY	1"

AT\_S = STANDARD AT\_ATX = ATEX

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