

# TMH-10T-AT10S

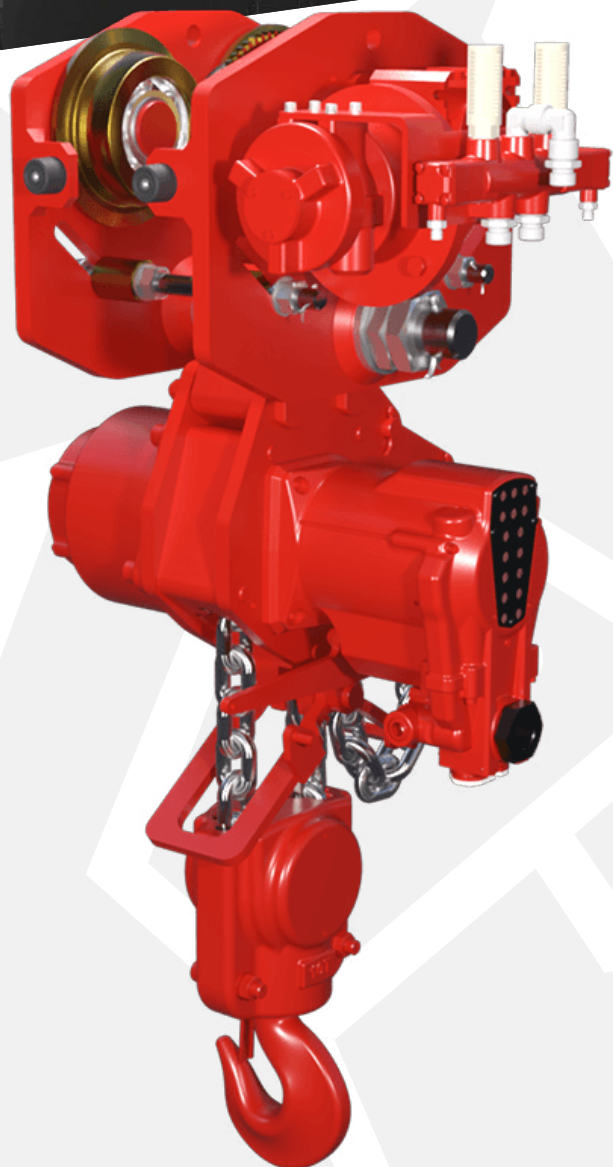
## AIR HOIST & TROLLEY

The **TMH-10T-AT10S** is a 10 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 hoists and trolleys 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 bar. For full speed operation the hoist air pressure should be 6 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 80 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 16 x 45mm 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
- 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



**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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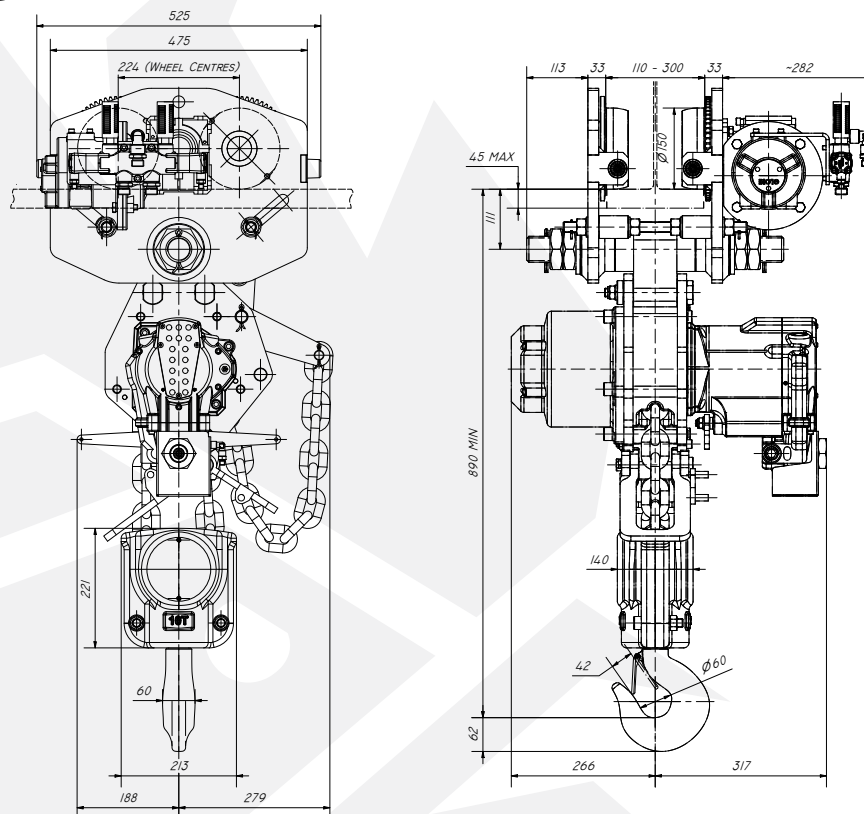


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## DIMENSIONS

All measurements are in mm  
Information subject to change without notice



| HOIST MODEL                | TMH-10T-AT10S | TROLLEY MODEL               | AT10S        |
|----------------------------|---------------|-----------------------------|--------------|
| WLL                        | 10000 kg      | G.A. DRAWING                | RRL 1503-31  |
| CHAIN FALLS                | 2             | FLANGE                      | 110-180      |
| LIFTING SPEED FULL LOAD    | 1.6 m/min     | RANGE 1                     | 180-240      |
| LIFTING SPEED WITHOUT LOAD | 3.3 m/min     | RANGE 2                     | 240-300      |
| LOWERING SPEED WITH LOAD   | 3.2 m/min     | RANGE 3                     |              |
| MAX AIR CONSUMPTION        | 71 l/sec      | STANDARD TROLLEY TEMP RANGE | -10 to +50°C |
| WORKING PRESSURE           | 4-6 bar       | OPTIONAL TROLLEY TEMP RANGE | -20 to +60°C |
| AIR CONNECTION             | 1" BSP        | TRAVEL SPEED                | 8 m/min      |
| MINIMUM HOSE DIA.          | 1"            | WHEEL MATERIAL              | Steel        |
| WEIGHT 3M HOL & TROLLEY    | 316 kg        | ATEX ZONE 1 WHEEL MATERIAL  | Bronze       |
| ADDITIONAL METRE HOL       | 11.4 kg       | MINIMUM BEND RADIUS         | 2.5 m        |
|                            |               | NUMBER OF WHEELS            | 4            |
|                            |               | DRIVEN WHEELS               | 2            |
|                            |               | MAX AIR CONSUMPTION         | 40 l/sec     |

ATS = STANDARD    AT-ATX = ATEX

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