

# TCS-980-AT2S-LF

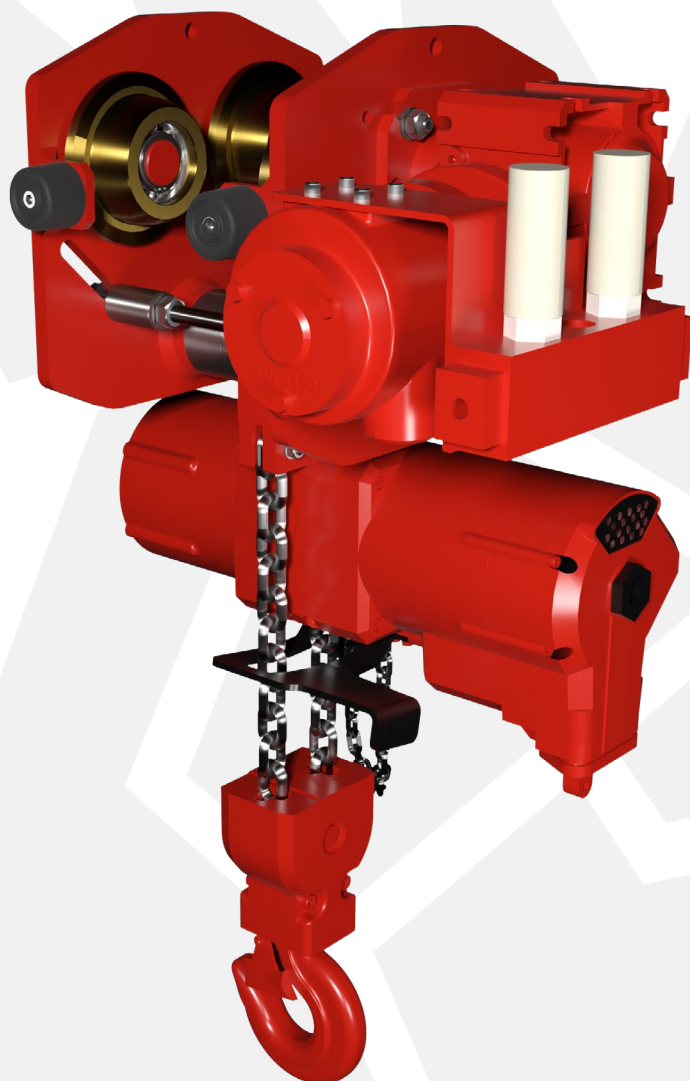
## LUBE FREE AIR HOIST & TROLLEY



**RED ROOSTER**  
**LIFTING**

RAISING EXPECTATIONS

The **TCS-980-AT2S** is a 980 kg lubrication free high speed chain hoist and trolley from Red Rooster Lifting. This is part of our air hoist and trolley range for lifting equipment applications in industry.



The **Red Rooster Lifting** TCS series of air hoists and trolleys offer a range of high speed, lightweight lifting equipment suited to all types of industrial and marine environments. The oil free operation allows the hoist to run whilst preventing any oil being exhausted into the atmosphere, making the units ideal for use where a clean environment is a requirement. These new air hoists are suitable for food, chemical, pharmaceutical and painting industries where there are dusty atmospheres and production lines in operation.

### STANDARD FEATURES

- Toku rotary vane motor 100% oil free
- Robust epicycle gearbox
- Failsafe automatic internal disc brake
- Choice of pendant controls or control stations
- Upper & lower limit switches
- Lightweight aluminium housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain of European manufacture to EN818-7
- 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
- Supplied with a filter / regulator

### AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- ATEX zone 1 specification
- Chain collectors (PVC, galvanised or stainless steel)
- Articulated trolley
- Low headroom units
- Rack & pinion drive
- Travel limits
- Festoon systems
- Radio control remote
- Optional travel speeds
- Beam brake



**ATEX ZONE 2**  
**AS STANDARD**

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# TCS-980-AT25-LF

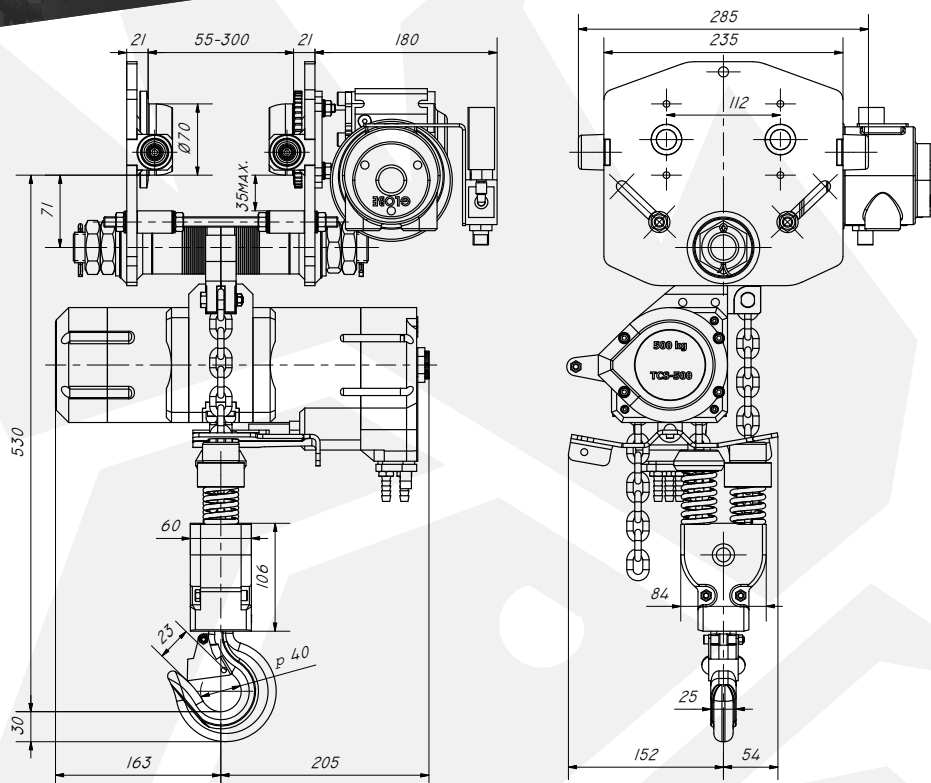
## LUBE FREE AIR HOIST & TROLLEY

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RAISING EXPECTATIONS

### DIMENSIONS

All measurements are in mm  
Information subject to change without notice



### ADDITIONAL INFORMATION

- The air motor should be inspected after 13,000 cycles. 1 cycle = 1 metre up and down

| HOIST MODEL                 | TCS-980-AT25-LF | TROLLEY MODEL                    | AT25-LF      |
|-----------------------------|-----------------|----------------------------------|--------------|
| WLL                         | 980 kg          | WORKING PRESSURE                 | 4 bar        |
| CHAIN FALLS                 | 2               | FLANGE                           | 55-140       |
| LIFTING SPEED FULL LOAD     | 6.5 m/min       | RANGE 1                          | 140-220      |
| LIFTING SPEED WITHOUT LOAD  | 12.0 m/min      | RANGE 2                          | 220-300      |
| MAX AIR CONSUMPTION (L/SEC) | 28              | RANGE 3                          |              |
| WORKING PRESSURE            | 6 bar           | STANDARD TROLLEY TEMP RANGE      | -10 to +50°C |
| AIR CONNECTION              | 1/2" BSP        | OPTIONAL TROLLEY TEMP RANGE      | -20 to +60°C |
| MINIMUM HOSE DIA.           | 1/2"            | TRAVEL SPEED (M/MIN)             | 9 m/min*     |
| WEIGHT 3M HOL & TROLLEY     | 45 kg           | ATEX ZONE 1 TRAVEL SPEED (M/MIN) | 6 m/min      |
| ADDITIONAL METRE HOL        | 1.6 kg          | WHEEL MATERIAL                   | Steel        |
|                             |                 | ATEX WHEEL MATERIAL              | Bronze       |
|                             |                 | MINIMUM BEND RADIUS (M)          | 1.5          |
|                             |                 | NUMBER OF WHEELS                 | 4            |
|                             |                 | DRIVEN WHEELS                    | 2            |
|                             |                 | MAX AIR CONSUMPTION              | 15 l/sec     |
|                             |                 | HOSE ID TROLLEY                  | 1/2"         |

AT\_S = STANDARD AT\_ATX = UK Ex/ATEX

\*Optional Travel Speed of 14 m/min

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