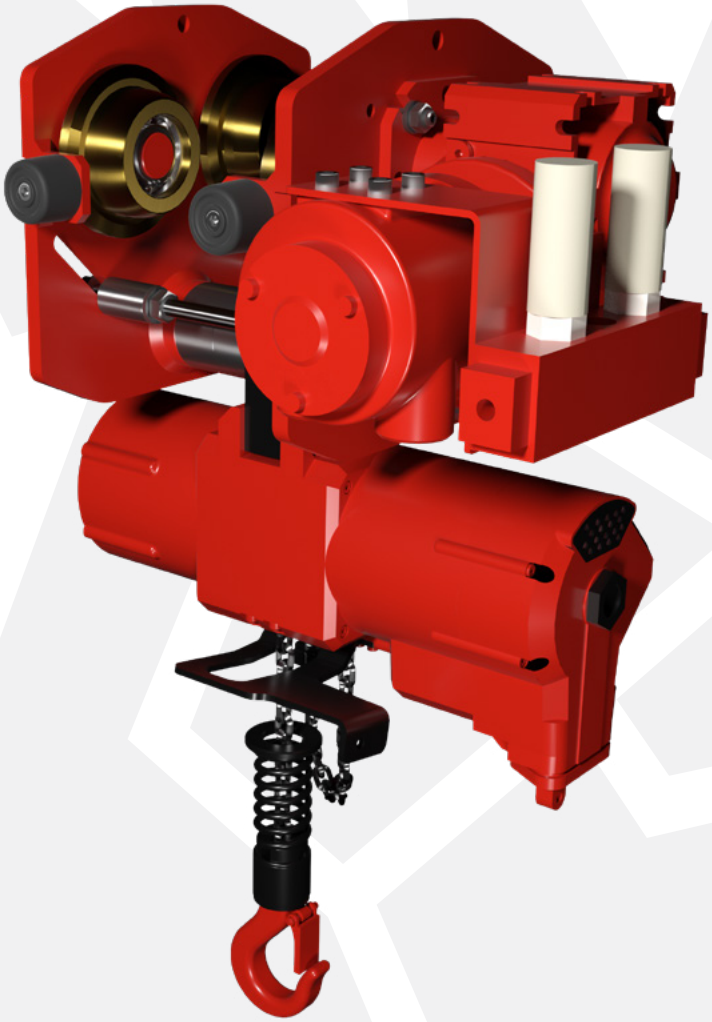
TCS-500-AT2S-LF
AIR HOIST & TROLLEY

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The TCS-500-AT2S-LF is a 500 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
- UK Ex scheme or 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

UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD

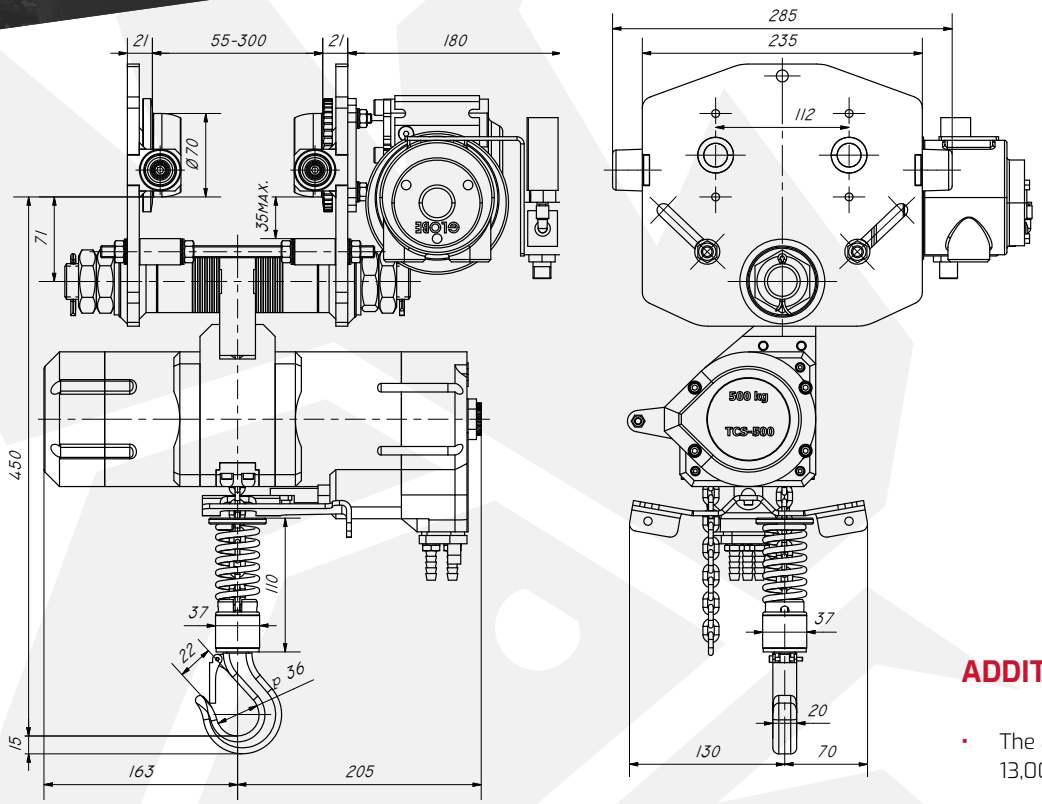
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RAISING EXPECTATIONS

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-500-AT2S-LF
WLL	500 kg
CHAIN FALLS	1
LIFTING SPEED FULL LOAD	17 m/min
LIFTING SPEED WITHOUT LOAD	33.0 m/min
MAX AIR CONSUMPTION (L/SEC)	28
WORKING PRESSURE	6 bar
AIR CONNECTION	1/2" BSP
MINIMUM HOSE DIA.	1/2"
WEIGHT 3M HOL & TROLLEY	41 kg
ADDITIONAL METRE HOL	0.8 kg

AT_S = STANDARD AT_ATX = ATEX
**Optional Travel Speed of 14 m/min*

TROLLEY MODEL	AT2S
G.A. DRAWING	1500-23
FLANGE	55-140
RANGE 1	140-220
RANGE 2	
RANGE 3	220-300
STANDARD TROLLEY TEMP RANGE	-10 to +50°C
OPTIONAL TROLLEY TEMP RANGE	-20 to +60°C
TRAVEL SPEED (M/MIN)	9 m/min*
ATEX ZONE 1 TRAVEL SPEED (M/MIN)	6 m/min
WHEEL MATERIAL	Steel
ATEX WHEEL MATERIAL	Bronze
MINIMUM BEND RADIUS (M)	1.5
NUMBER OF WHEELS	4
DRIVEN WHEELS	2
MAX AIR CONSUMPTION	25 l/sec
HOSE ID TROLLEY	1/2"