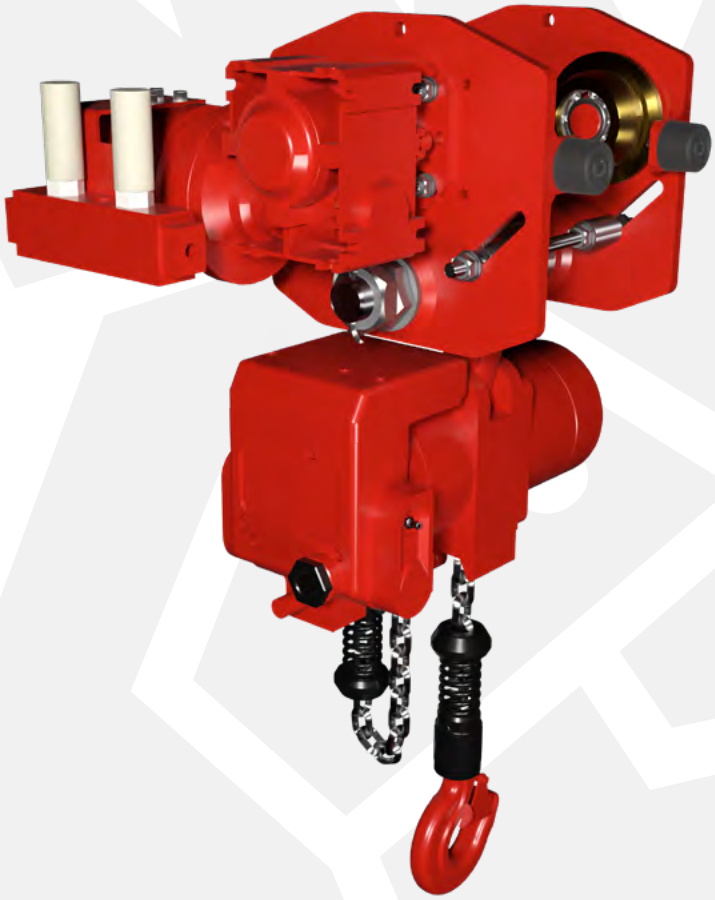
TCR-500-AT2S
AIR HOIST & TROLLEY

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The TCR-500-AT2S is a 500kg 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** TCR series of air hoist and trolleys offer a comprehensive range of lifting equipment suited to all types of industrial and marine environments. Red Rooster Lifting hoists are the perfect lifting solution for where the duty is high, or where a robust hoist is required to withstand harsh conditions. The hoist and trolleys comply with the UK supply of Machinery (Safety) Regulations 2008 and the European Machinery Directive. The hoists can be UKCA marked or CE marked.

STANDARD FEATURES

- Toku rotary vane motor
- Robust epicycle gearbox
- Failsafe automatic internal disc brake
- Choice of pendant controls or control stations
- Upper & lower limit switches
- Cast steel housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 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
- 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
- Air service units
- Festoon systems
- Radio control remote
- Optional travel speeds
- Beam brake

UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD

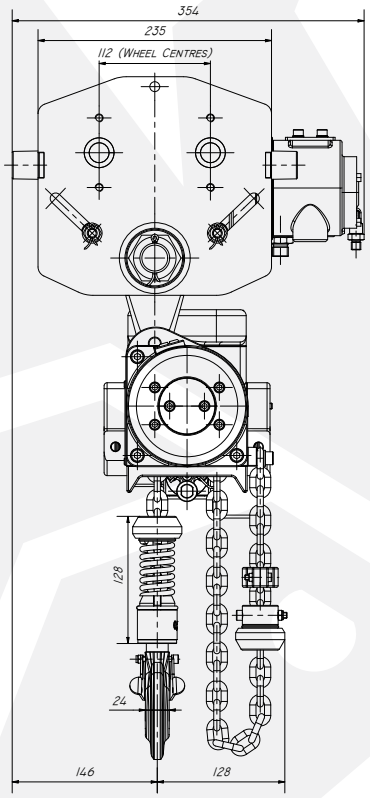
TCR-500-AT2S
AIR HOIST & TROLLEY

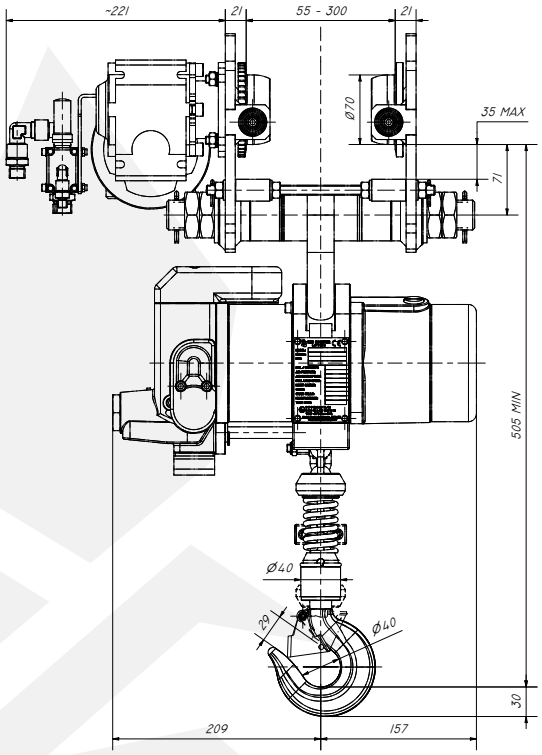
RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice





HOIST MODEL	TCR-500-AT2S
WLL	500 kg
CHAIN FALLS	1
LIFTING SPEED FULL LOAD	12 / 10.5 m/min
LIFTING SPEED WITHOUT LOAD	16.0 m/min
MAX AIR CONSUMPTION (L/SEC)	25
WORKING PRESSURE	6 bar
AIR CONNECTION	1/2" BSP
MINIMUM HOSE DIA.	1/2"
WEIGHT 3M HOL & TROLLEY	53 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	RRL 1500-46
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"