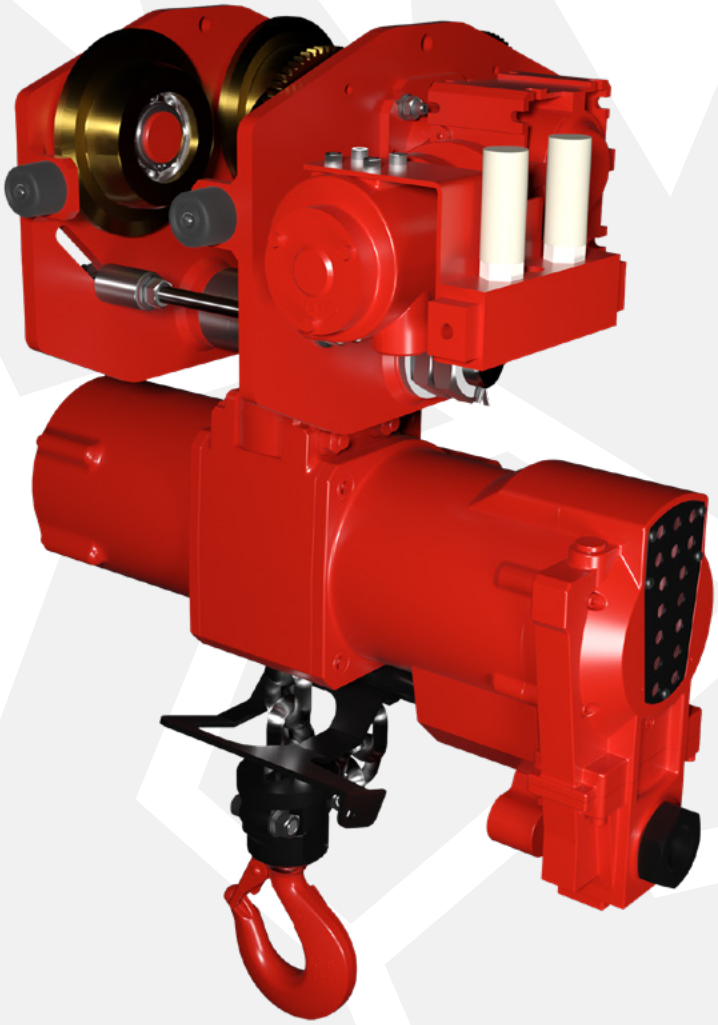
TMH-3000-AT3S
AIR HOIST & TROLLEY

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The TMH-3000-AT3S is a 3 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.



The new **Red Rooster Lifting** TMH series air hoist 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 – 6.3 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 80 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 13 x 36mm 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

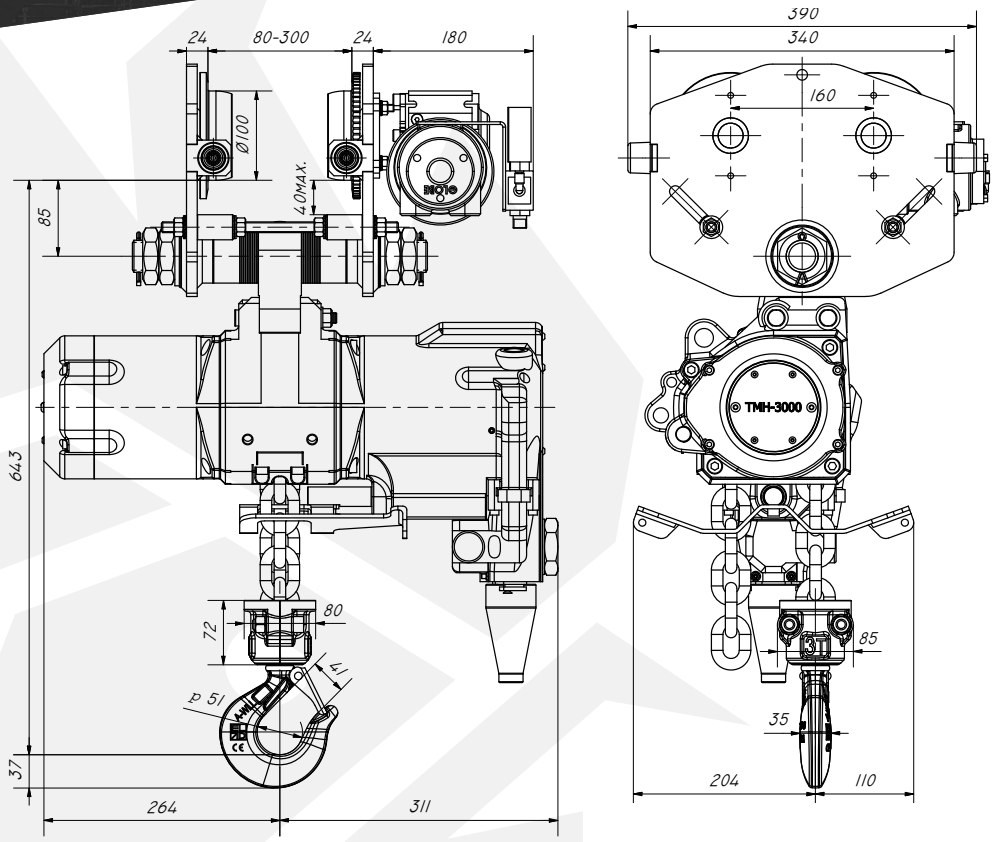
TMH-3000-AT3S
AIR HOIST & TROLLEY

RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



HOIST MODEL	TMH-3000-AT3S	TROLLEY MODEL	AT3S
WLL	3000 kg	G.A. DRAWING	1501-24
CHAIN FALLS	1	FLANGE	80-160
LIFTING SPEED FULL LOAD	5.4 m/min	RANGE 1 RANGE 2	160-230
LIFTING SPEED WITHOUT LOAD	10.8 m/min	RANGE 3	230-300
MAX AIR CONSUMPTION (L/SEC)	68	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 (M/MIN)	6*
MINIMUM HOSE DIA.	1"	WHEEL MATERIAL	Steel
AIR SERVICE UNIT	1" FLR	ATEX WHEEL MATERIAL	Bronze
WEIGHT 3M HOL & TROLLEY	187 kg	MINIMUM BEND RADIUS (M)	2.5
ADDITIONAL METRE HOL	3.8 kg	NUMBER OF WHEELS	4
		DRIVEN WHEELS	2
		MAX AIR CONSUMPTION	25 l/sec
		HOSE ID TROLLEY	1"

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