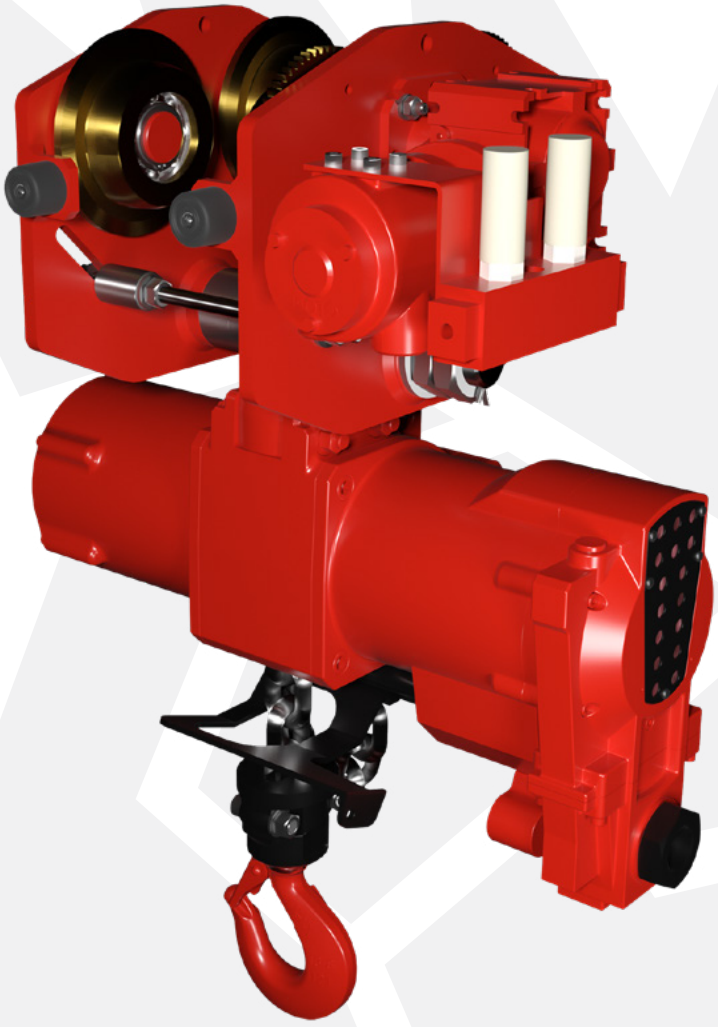
TMH-3000-AT3S-LF
LUBE FREE AIR HOIST & TROLLEY

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The TMH-3000-AT3S is a 3 tonne lube free 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 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 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
- Supplied with a filter / regulator

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
- Festoon systems
- Radio control remote
- Optional travel speeds
- Beam brake

UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD

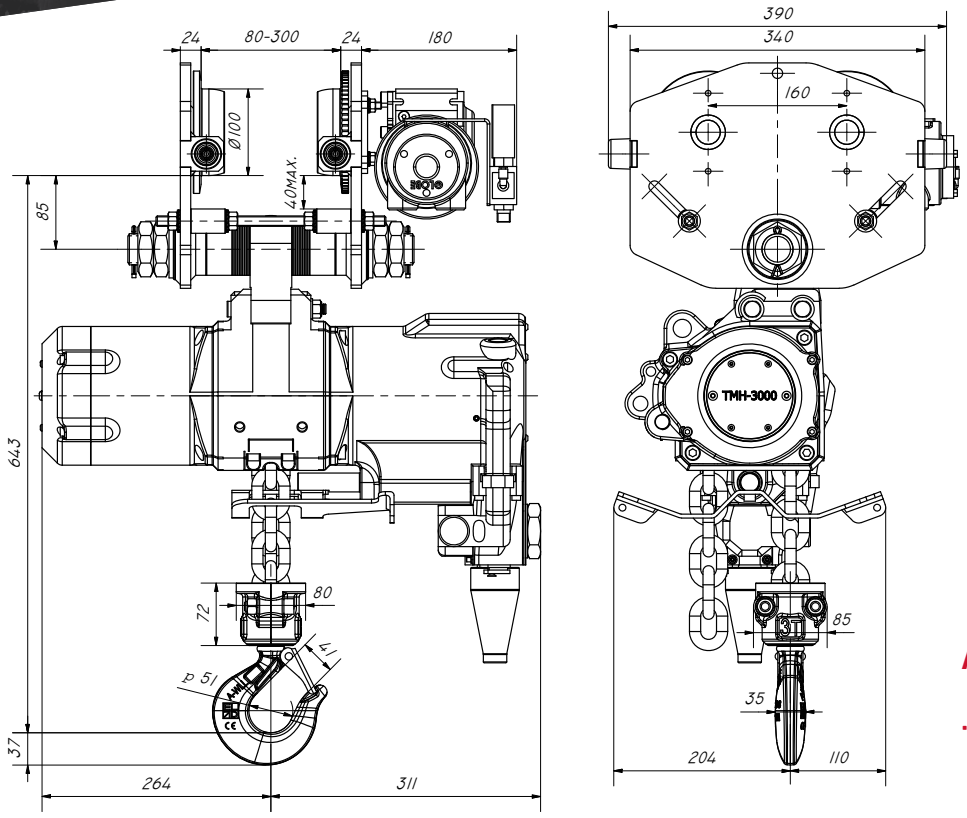
TMH-3000-AT3S-LF
LUBE FREE AIR HOIST & TROLLEY

RED ROOSTER LIFTING

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	TMH-3000-AT3S-LF	TROLLEY MODEL	AT3S-LF
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	TROLLEY TEMP RANGE	-10 to +50°C
WORKING PRESSURE	4 - 6 Bar	TRAVEL SPEED (M/MIN)	6*
AIR CONNECTION	1" BSP	WHEEL MATERIAL	Steel
MINIMUM HOSE DIA.	1"	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 = UK Ex/ATEX
**Optional Travel Speed of 14 m/min*