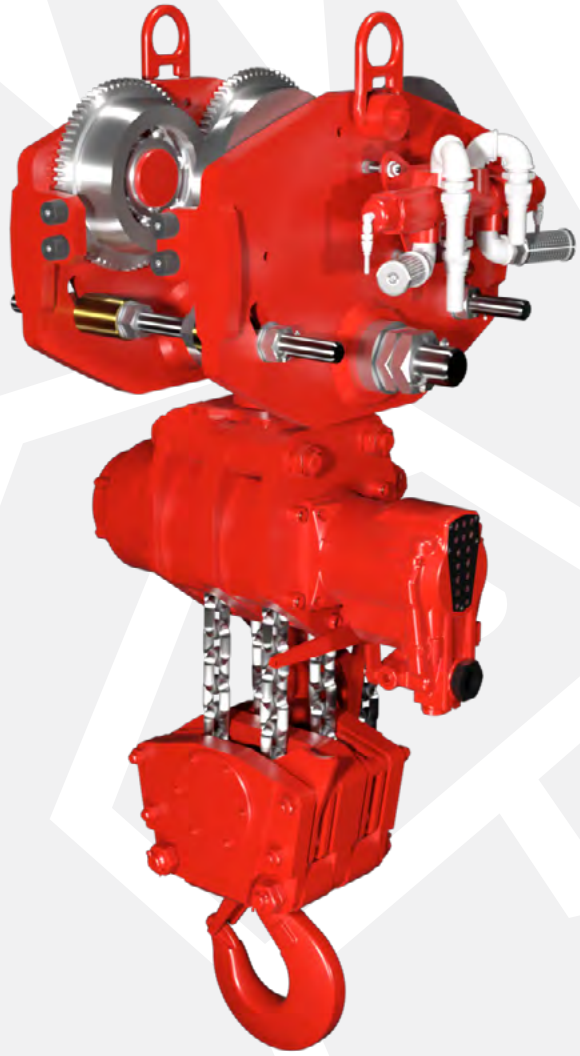
TMH-20T-AT25S
AIR HOIST & TROLLEY

RED ROOSTER LIFTING

RAISING EXPECTATIONS

The TMH-20T-AT25S is a 20 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 hoists and trolleys have the highest lifting speed with the lowest headroom on the hoist market. The TMH hoists are designed to operate at full lifting capacity with an air pressure from 4 – 6 bar. For full speed operation the hoist air pressure should be 6 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 16 x 45mm 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

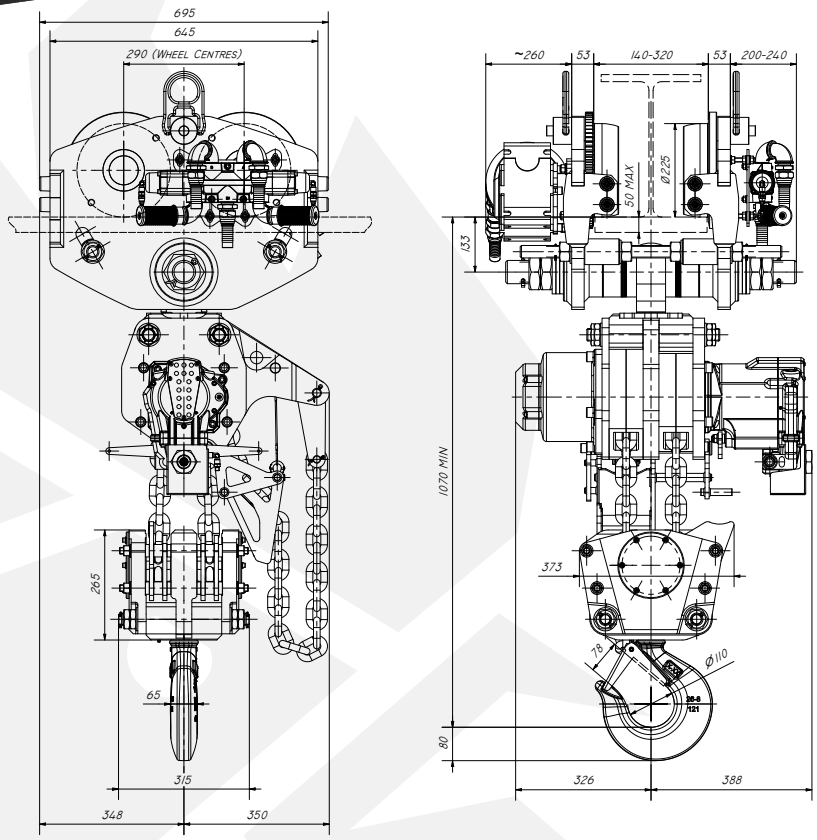
TMH-20T-AT25S
AIR HOIST & TROLLEY

RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



HOIST MODEL	TMH-20T-AT25S	TROLLEY MODEL	AT25S
WLL	20000 kg	G.A. DRAWING	RRL 1505-28
CHAIN FALLS	4	FLANGE	140-200
LIFTING SPEED FULL LOAD	0.8 m/min	RANGE 1 RANGE 2	200-260
LIFTING SPEED WITHOUT LOAD	1.6 m/min	RANGE 3	260-320
LOWERING SPEED WITH LOAD	1.6 m/min	STANDARD TROLLEY TEMP RANGE	-10 to +50°C
MAX AIR CONSUMPTION	71 l/sec	TRAVEL SPEED (M/MIN)	4
WORKING PRESSURE	4-6 bar	WHEEL MATERIAL	Steel
AIR CONNECTION	1" BSP	ATEX ZONE 1 WHEEL MATERIAL	Zinc-Plated
MINIMUM HOSE DIA.	1"	MINIMUM BEND RADIUS (M)	3.0
WEIGHT 3M HOL & TROLLEY	790 kg	NUMBER OF WHEELS	4
ADDITIONAL METRE HOL	22.8 kg	DRIVEN WHEELS	2
		MAX AIR CONSUMPTION	40 l/sec

ATS = STANDARD *AT-ATX = ATEX*