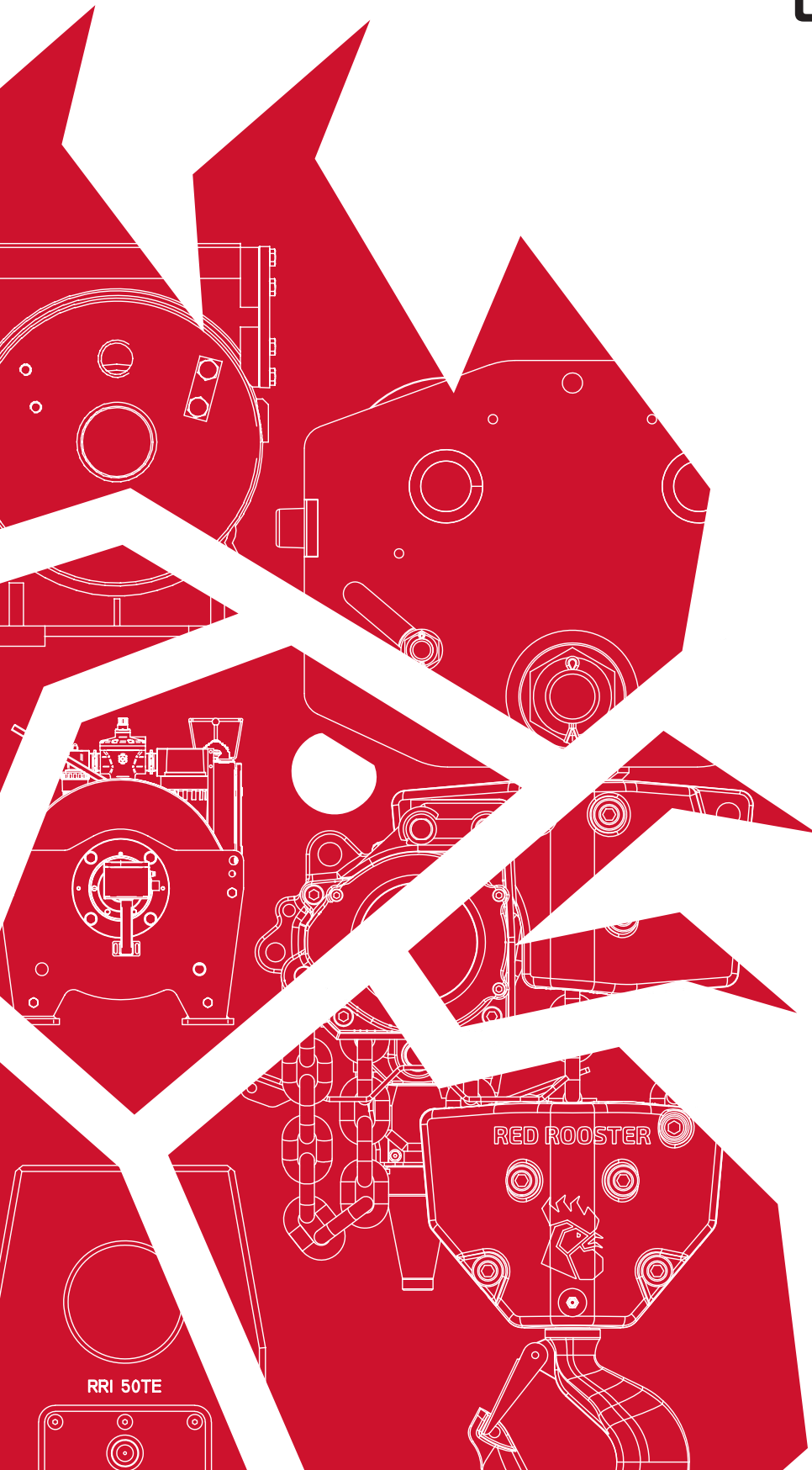




RED ROOSTER LIFTING

AIR HOIST
CATALOGUE



RRI 50TE

RED ROOSTER

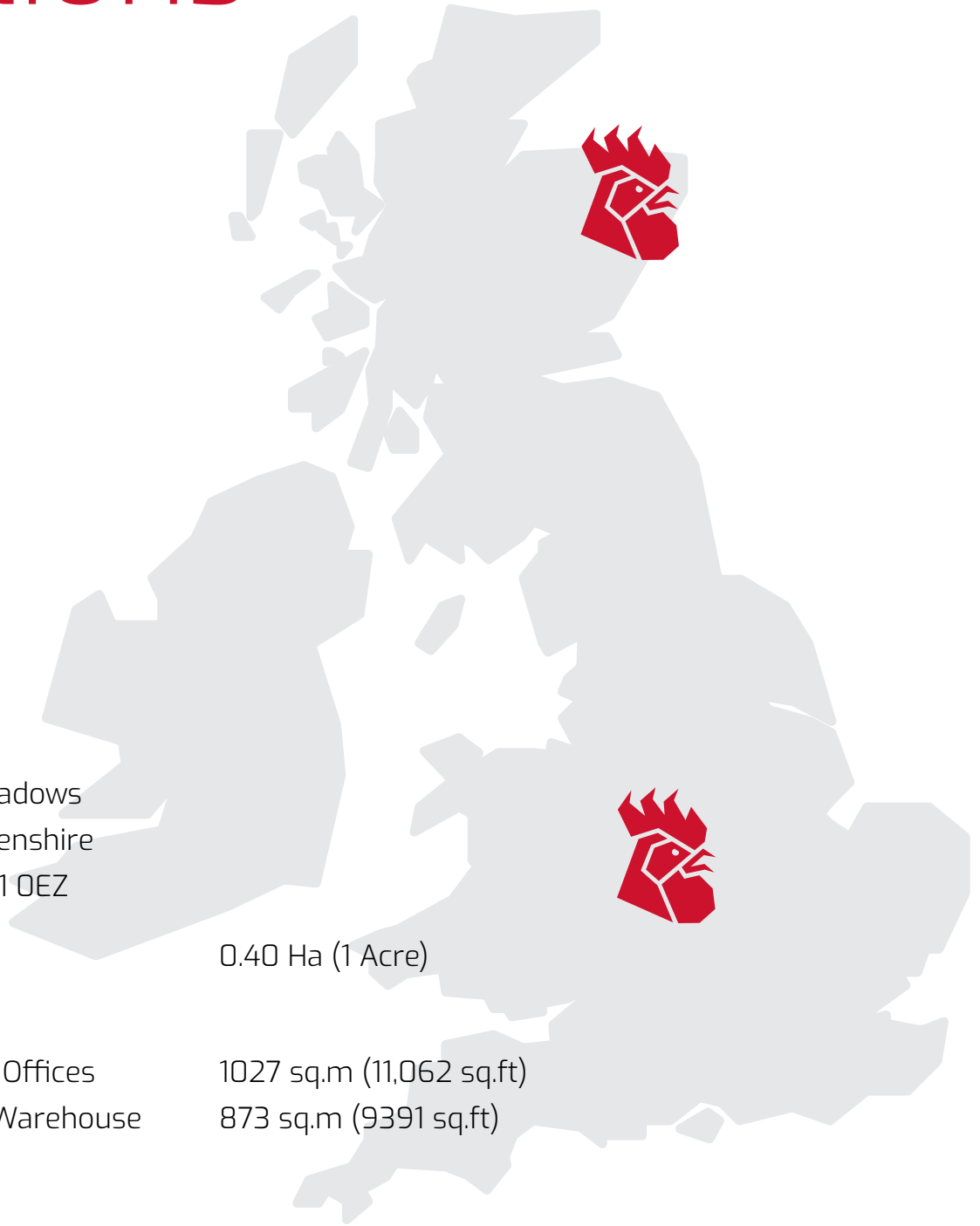
30 YEARS OF
RAISING
EXPECTATIONS



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Locations



ABERDEEN

Nauta House, The Meadows
Oldmeldrum, Aberdeenshire
United Kingdom, AB51 0EZ

SITE

0.40 Ha (1 Acre)

FLOOR AREA

Main Workshops and Offices

1027 sq.m (11,062 sq.ft)

Assembly Shop and Warehouse

873 sq.m (9391 sq.ft)

WEST BROMWICH

Unit 26, Kelvin Way Trading Estate
Kelvin Way, West Bromwich
United Kingdom, B70 7TW

FLOOR AREA

Offices, Workshop and Warehouse

851 sq.m (9166 sq.ft)



Sectors

Red Rooster Lifting serving global industry

Oil & Gas

Renewables

Marine

Heavy Engineering

Utilities

Agriculture

Chemical

Refineries

Mining

Food & Drink

Construction

Ship Building



There's a reason you'll see our distinctive Red Rooster logo on lifting equipment and load cells offshore and in power plants, refineries, and shipyards across the world. It's because ..

Red Rooster Lifting

Your **No.1** choice
for safety, service,
quality & integrity

About

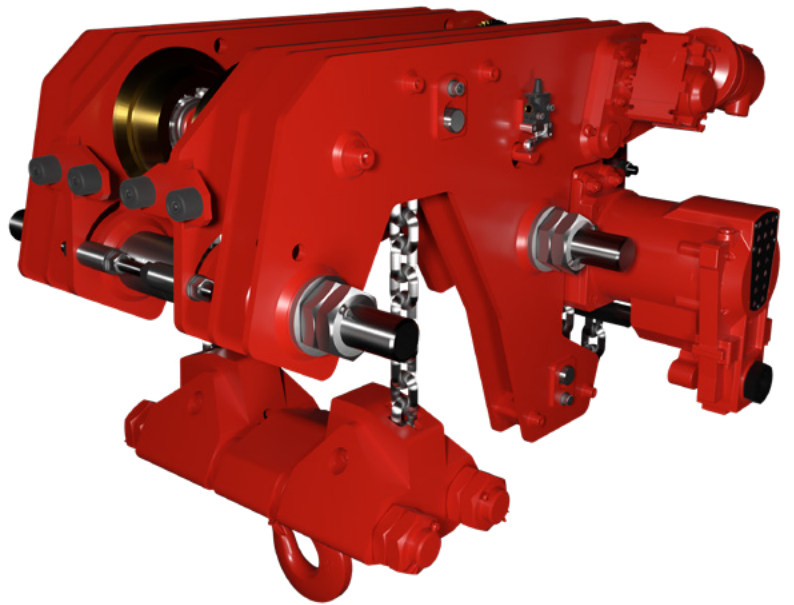
For over 30 years **Red Rooster Lifting** has specialised in the supply, rental and servicing of **the best** powered lifting and load measuring **solutions** in the world

We are continually improving our designs and quality systems to ensure the products and services we supply are of the highest quality. We are investing in technology to streamline production and importantly we are investing in our people to promote awareness, responsibility and exceptional customer service.

You'll see our distinctive Red Rooster logo on lifting equipment and load links offshore, on assembly lines, in power plants, refineries, and shipyards across the world.

We are nothing without our people who are all equipped with the product knowledge and expert support to quickly confirm suitability, availability and pricing for all of your lifting requirements.

With our vast experience we can offer technical backup, advice on installation and assistance with breakdowns or a full repair and testing service from our rapid response maintenance facility.



Our product range covers Red Rooster air hoists, EMCE winches, KITO electric hoists, KITO manual hoists, KITO Van Leusden specialised equipment, Verton load management and Red Rooster load measuring equipment.

We have been involved in many global lifting projects over the last 30 years including the substantial Claire Ridge and Culzean offshore installations along with two very different challenges for us, the new Queensferry Crossing in Scotland and St Paul's Cathedral bell restoration in London.





Air Hoists

TCR SERIES | 250 TO 500 KG MINI AIR HOISTS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR-MINI** is a chain hoist from Red Rooster Lifting. This is part of our air hoist hook suspension range for lifting equipment applications in industry. Compact and lightweight.



The **Red Rooster Lifting** TCR series of air hoists offers 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 hoists 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

- Compact and lightweight body
- Toku rotary vane motor
- Robust epicycle gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Aluminium housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 4 x 12mm of European manufacture to EN818-7

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (PVC, galvanised or stainless steel)
- Air service units
- Radio control
- Main air shut off valve



**UK EX SCHEME ZONE 2
ATEX ZONE 2
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TCR SERIES | 250 TO 500 KG MINI AIR HOISTS

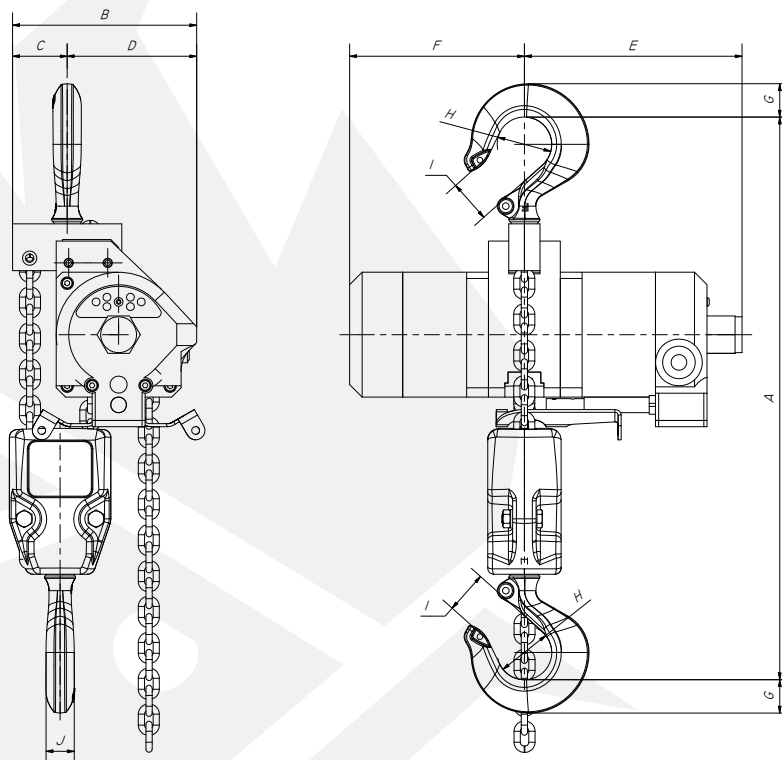


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J
TCR-250	310	111	37	74	112	140	15	35	22	20
TCR-500/2	360	118	35	83	112	140	15	36	22	20

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-250	250 kg	1	9.3 m/min	19.0 m/min	17.9 m/min
TCR-500/2	500 kg	2	4.6 m/min	9.5 m/min	9.0 m/min
MODEL	MIN HOSE DIA	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING	
TCR-250	1/2" HOSE	1/2" BSP	13 l/sec	15 l/sec	
TCR-500/2	1/2" HOSE	1/2" BSP	13 l/sec	15 l/sec	
MODEL	WORKING PRESSURE	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING	
TCR-250	6 bar	7.0 kg	0.35 kg	1368-00	
TCR-500/2	6 bar	9.0 kg	0.7 kg	1368-01	

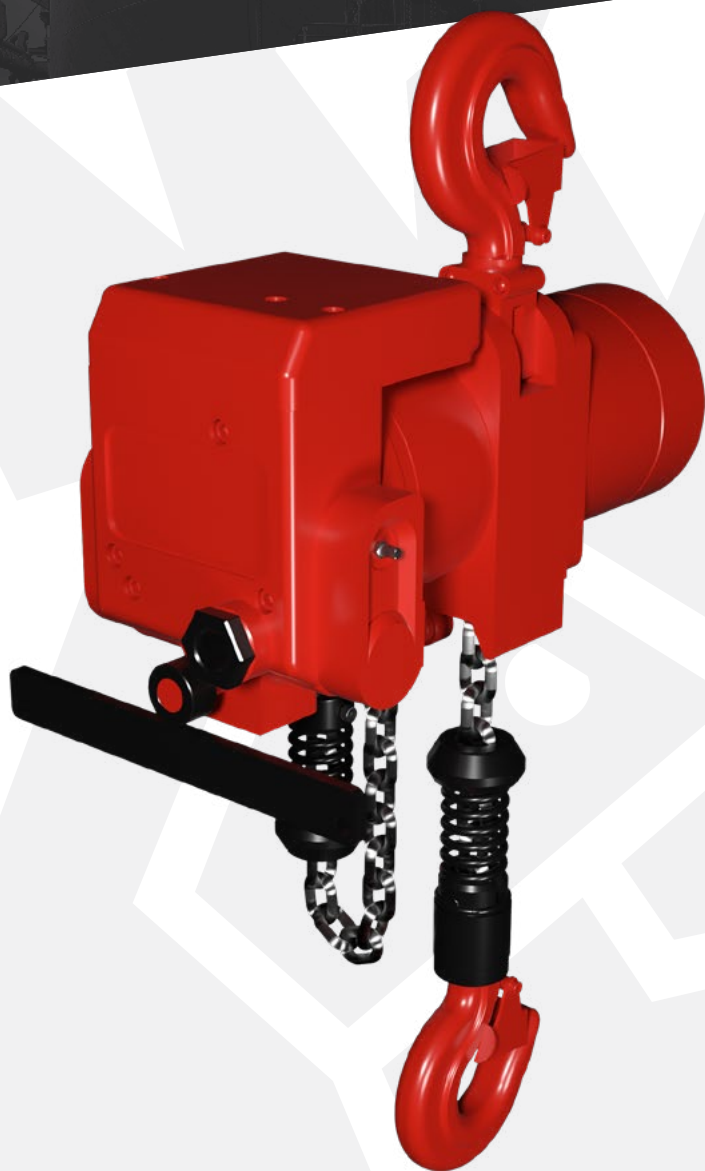
TCR SERIES | 500 TO 1000 KG AIR HOISTS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR** series are chain hoists from Red Rooster Lifting. This is part of our air hoist hook suspension range for lifting equipment applications in industry.



The **Red Rooster Lifting** TCR series of air hoists offers 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 hoists 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
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 7 x 21mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (PVC, galvanised or stainless steel)
- Air service units
- Radio control
- Main air shut off valve



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TCR SERIES | 500 TO 1000 KG AIR HOISTS

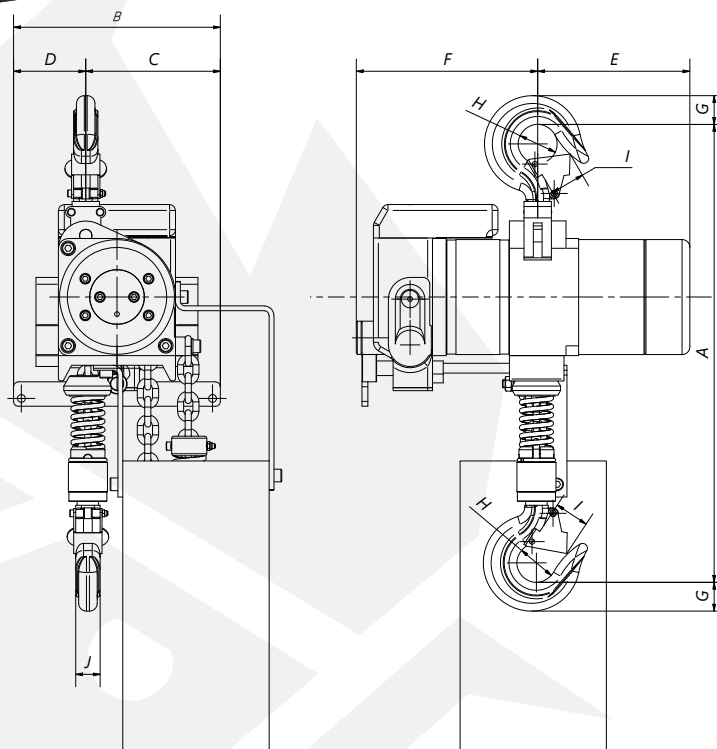


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J
TCR-500	460	212	115	51	156	186	29	40	29	25
TCR-1000/2	519	212	139	27	156	186	29	40	29	25

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-500	250 / 500 kg	1	12 / 10.5 m/min	16.0 m/min	17.9 m/min
TCR-1000/2	1000 kg	2	5.3 m/min	9.5 m/min	9.0 m/min
MODEL	MIN HOSE DIA	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING	
TCR-500	1/2" HOSE	1/2" BSP	25l/sec	27l/sec	
TCR-1000/2	1/2" HOSE	1/2" BSP	25 l/sec	27 l/sec	
MODEL	WORKING PRESSURE	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING	
TCR-500	6 bar	31.1 kg	0.8 kg	1368-05	
TCR-1000/2	6 bar	35.2 kg	1.6 kg	1368-08	

TCR SERIES | 1 TO 2 TONNE AIR HOISTS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR** series are chain hoists from Red Rooster Lifting. This is part of our air hoist hook suspension range for lifting equipment applications in industry.



The **Red Rooster Lifting** TCR series of air hoists offers 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 hoists 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
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 7 x 21mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (PVC, galvanised or stainless steel)
- Air service units
- Radio control
- Main air shut off valve



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TCR SERIES | 1 TO 2 TONNE AIR HOISTS

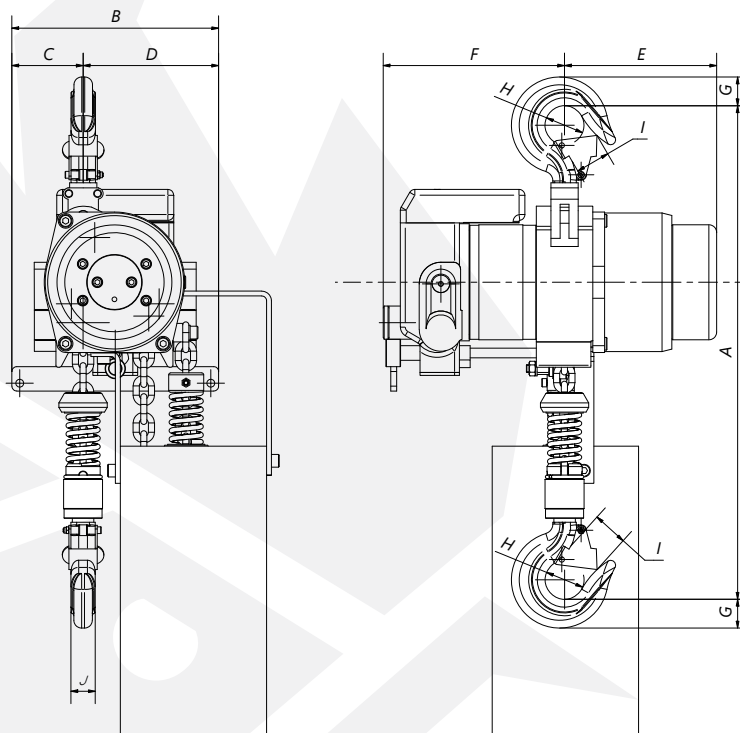


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J
TCR-1000	485	212	116	40	156	186	29	40	29	25
TCR-2000/2	595	212	143	50	156	186	37	45	29	30

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-1000	1000 kg	1	6.0 m/min	11.3 m/min	10.3 m/min
TCR-2000/2	2000 kg	2	3.0 m/min	5.7 m/min	5.2 m/min
MODEL	MIN HOSE DIA		AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TCR-1000	1/2" HOSE		1/2" BSP	25 l/sec	28 l/sec
TCR-2000/2	1/2" HOSE		1/2" BSP	25 l/sec	30 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCR-1000	6 bar		34.0 kg	1.1 kg	1368-09
TCR-2000/2	6 bar		39.7 kg	2.2 kg	1368-10

TCS SERIES | 500 TO 980 KG AIR HOIST



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCS** is a high speed chain hoist from Red Rooster Lifting. This is part of our air hoist hook suspension range for lifting equipment applications in industry.



The **Red Rooster Lifting** TCS series of air hoists offers a range of high speed, lightweight 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 hoists 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

- Lightweight aluminium housing
- Toku rotary vane motor
- Robust epicycle gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Aluminium housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 6.3 x 19mm of European manufacture to EN818-7

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (PVC, galvanised or stainless steel)
- Air Service units
- Radio control
- Main air shut off valve



**UK EX SCHEME ZONE 2
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TCS SERIES | 500 TO 980 KG

AIR HOIST

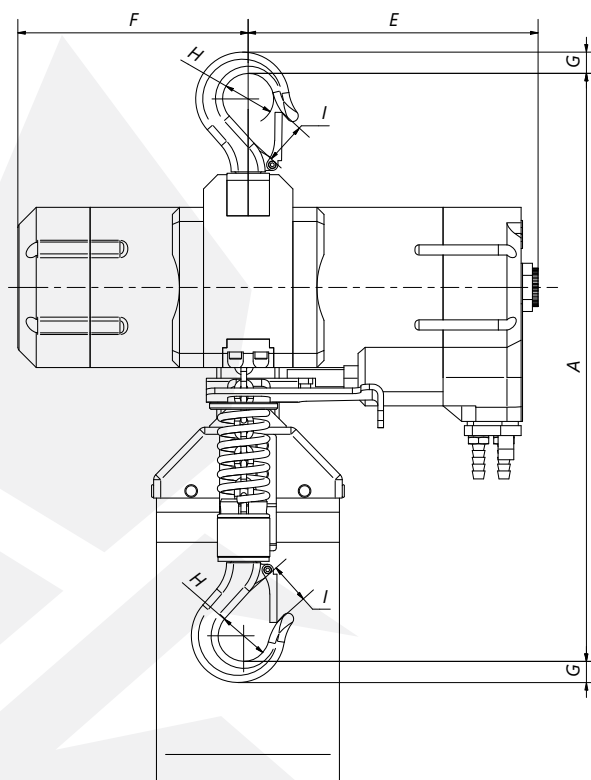
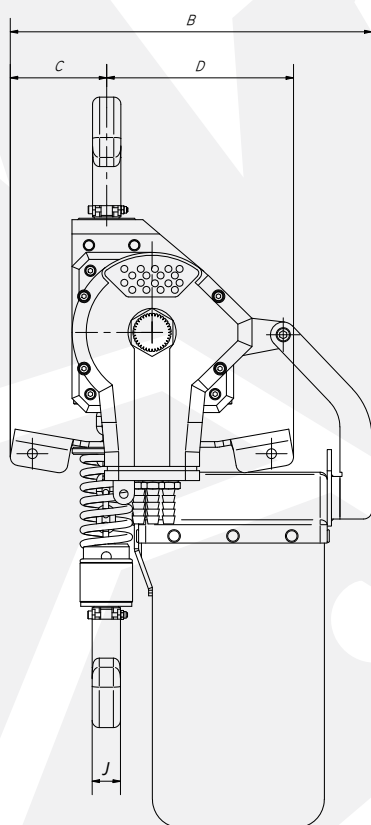


RED ROOSTER
LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J
TCS-500	415	255	68	132	205	163	15	35	22	22
TCS-980	510	272	69	140	205	161	29	40	29	24

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCS-500	500 kg	1	17.0 m/min	33.0 m/min	34.0 m/min
TCS-980	980 kg	2	8.5 m/min	17.0 m/min	17.0 m/min
MODEL	MIN HOSE DIA	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TCS-500	1/2"	1/2"	1/2" BSP	28 l/sec	33 l/sec
TCS-980	1/2"	1/2"	1/2" BSP	28 l/sec	33 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCS-500	6 Bar		19.0 kg	0.8 kg	DRG 1368-06
TCS-980	6 Bar		23.5 kg	1.6 kg	TCS-980 P2E

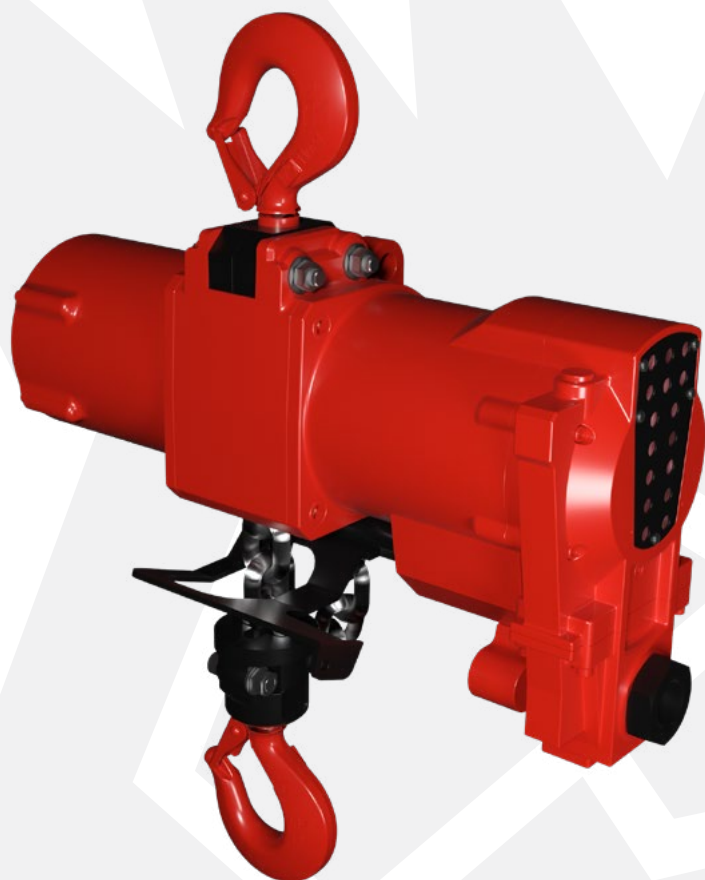
TMH SERIES | 3 TO 6 TONNE AIR HOISTS

The **TMH** series is a chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



The new **Red Rooster Lifting** TMH series air hoists 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
- 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

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (galvanised or stainless steel)
- Air Service units
- Radio control



**UK EX SCHEME ZONE 2
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TMH SERIES | 3 TO 6 TONNE AIR HOISTS

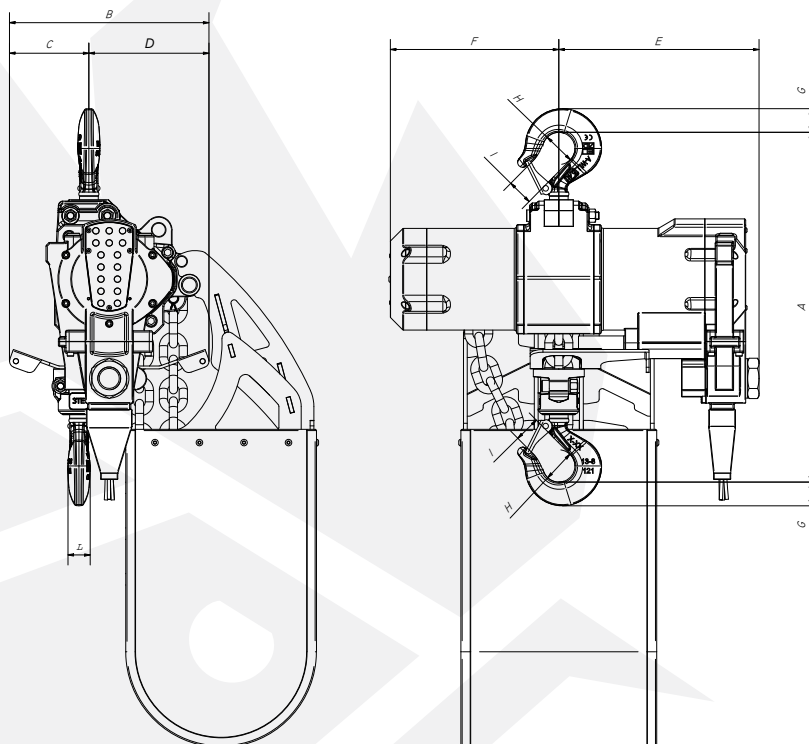


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J
TMH-3000	537	315	125	190	310	265	45	50	34	35
TMH-6000/2	745	370	125	245	310	265	49	63	52	37

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-3000	3000 kg	1	5.4 m/min	10.8 m/min	10.2 m/min
TMH-6000/2	6000 kg	2	2.7 m/min	5.4 m/min	5.1 m/min
MODEL	MIN HOSE DIA	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-3000	3/4" HOSE	1" FLR	1" BSP	56 l/sec	68 l/sec
TMH-6000/2	3/4" HOSE	1" FLR	1" BSP	56 l/sec	68 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-3000	4 - 6 bar		99 kg	3.8 kg	TMH-3000
TMH-6000/2	4 - 6 bar		124 kg	7.6 kg	TMH-6000

TMH SERIES | 9 TO 15 TONNE AIR HOISTS

The **TMH** series is a chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The new **Red Rooster Lifting** TMH series air hoists 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 – 6.3 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
- 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

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (galvanised or stainless steel)
- Air Service units
- Radio control



**UK EX SCHEME ZONE 2
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TMH SERIES | 9 TO 15 TONNE AIR HOISTS

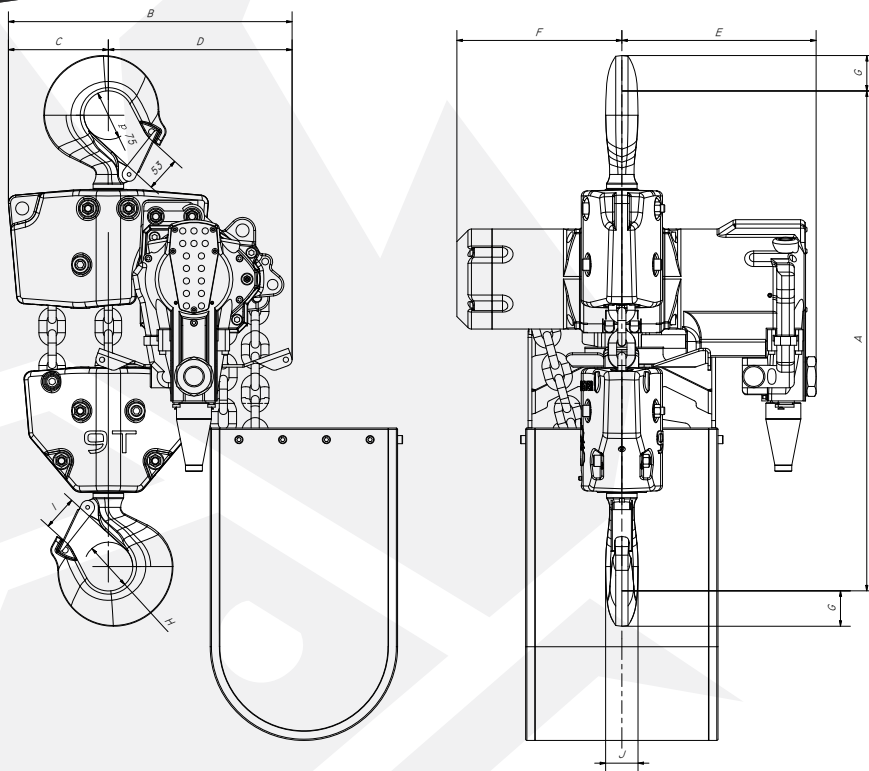


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J
TMH-9000/3	800	455	160	295	310	265	60	75	53	43
TMH-12000/4	856	398.5	149.5	249	266	309	66	83	64	56
TMH-15000/5	855	466	152.5	313.5	275	300	67	84	58	52

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-9000/3	9000 kg	3	1.8 m/min	3.6 m/min	3.4 m/min
TMH-12000/4	12000 kg	4	1.35 m/min	2.7 m/min	2.55 m/min
TMH-15000/5	15000 kg	5	1.08 m/min	2.16 m/min	2.04 m/min
MODEL	MIN HOSE DIA	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-9000/3	3/4" HOSE	1" FLR	1" BSP	56 l/sec	68 l/sec
TMH-12000/4	3/4" HOSE	1" FLR	1" BSP	56 l/sec	68 l/sec
TMH-15000/5	3/4" HOSE	1" FLR	1" BSP	56 l/sec	68 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-9000/3	4 - 6 bar		170 kg	11.4 kg	1566-00
TMH-12000/4	4 - 6 bar		190 kg	15.2 kg	1567-00
TMH-15000/5	4 - 6 bar		280 kg	19.0 kg	1571-00

TMH SERIES | 10 TO 20 TONNE AIR HOISTS

The **TMH** series is a chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

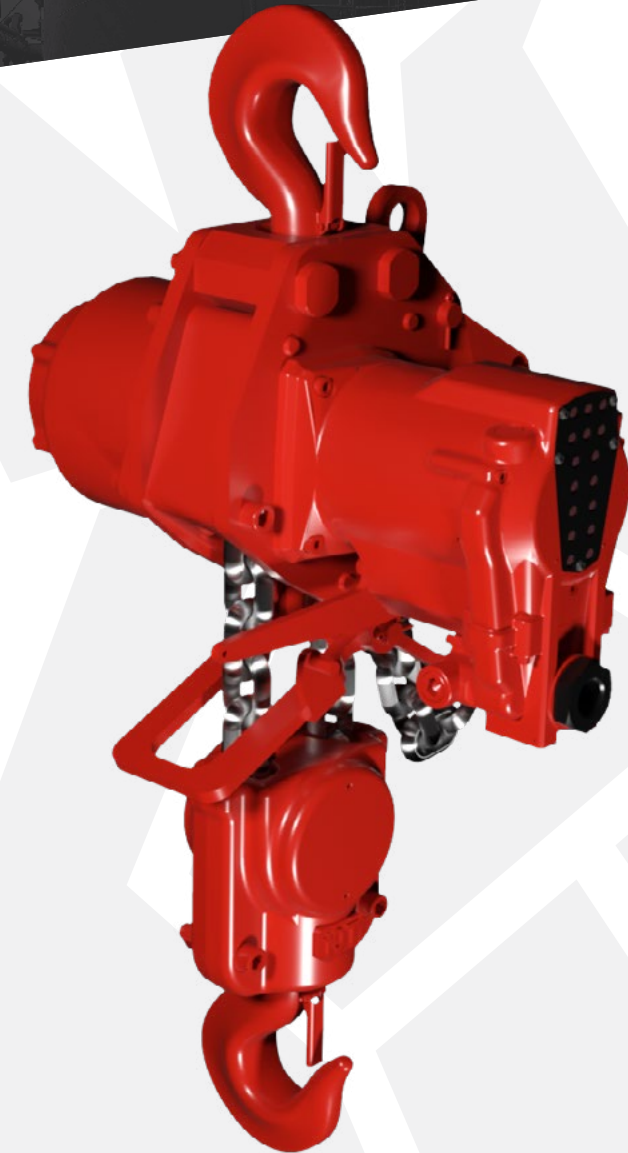
The new **Red Rooster Lifting** TMH series air hoists have the highest lifting speed with the lowest headroom on the hoist market. The TMH hoists are designed to operate at full lifting capacity with an air pressure from 4 – 6 bar. For full speed operation the hoist air pressure should be 6 bar.

STANDARD FEATURES

- Toku rotary vane motor
- Robust 3 step planetary gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 16 x 45mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (galvanised or stainless steel)
- Air Service units
- Radio control



**UK EX SCHEME ZONE 2
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TMH SERIES | 10 TO 20 TONNE AIR HOISTS

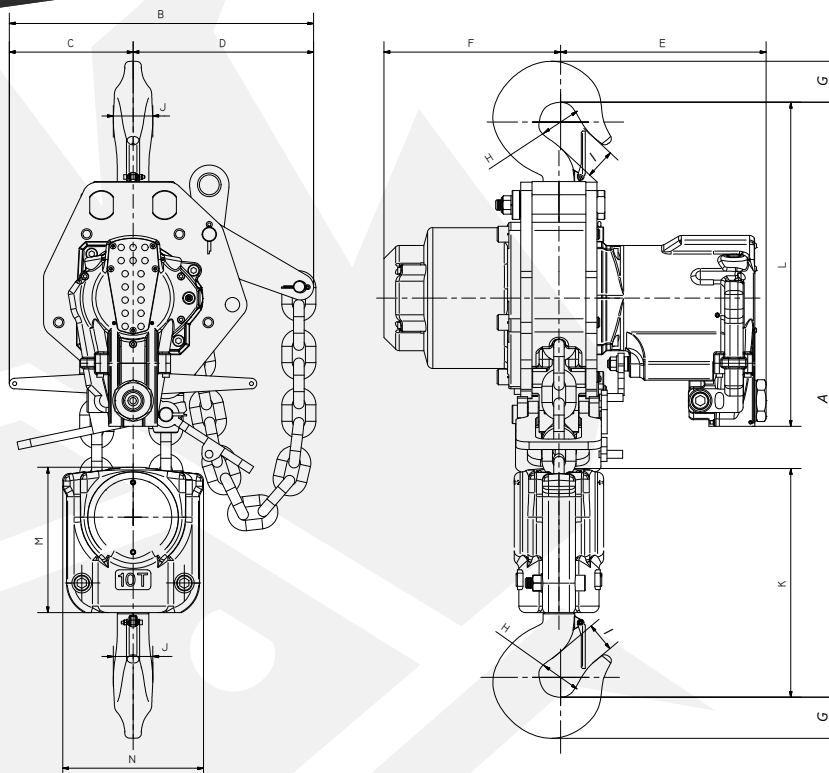


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

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Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J	K	L	M	N
TMH-10T	860	463	188	275	315	266	65	61	45	60	350	493	221	214
TMH-15T	880	695	255	440	315	266	67	84	58	52	436	555	270	250
TMH-20T	1080	460	150	310	386	326	80	110	78	64	475	592	265	345

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-10T	10000 kg	2	1.6 m/min	3.3 m/min	3.2 m/min
TMH-15T	15000 kg	3	1.05 m/min	2.2 m/min	2.1 m/min
TMH-20T	20000 kg	4	0.8 m/min	1.6 m/min	1.6 m/min

MODEL	MIN HOSE DIA	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-10T	1" HOSE	1" FLR	1" BSP	58 l/sec	71 l/sec
TMH-15T	1" HOSE	1" FLR	1" BSP	58 l/sec	71 l/sec
TMH-20T	1" HOSE	1" FLR	1" BSP	58 l/sec	71 l/sec

MODEL	WORKING PRESSURE	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-10T	4 - 6 bar	206 kg	11.4 kg	TMH-10-2
TMH-15T	4 - 6 bar	450 kg	17.1 kg	1588-00
TMH-20T	4 - 6 bar	397.3 kg	22.8 kg	1591-00

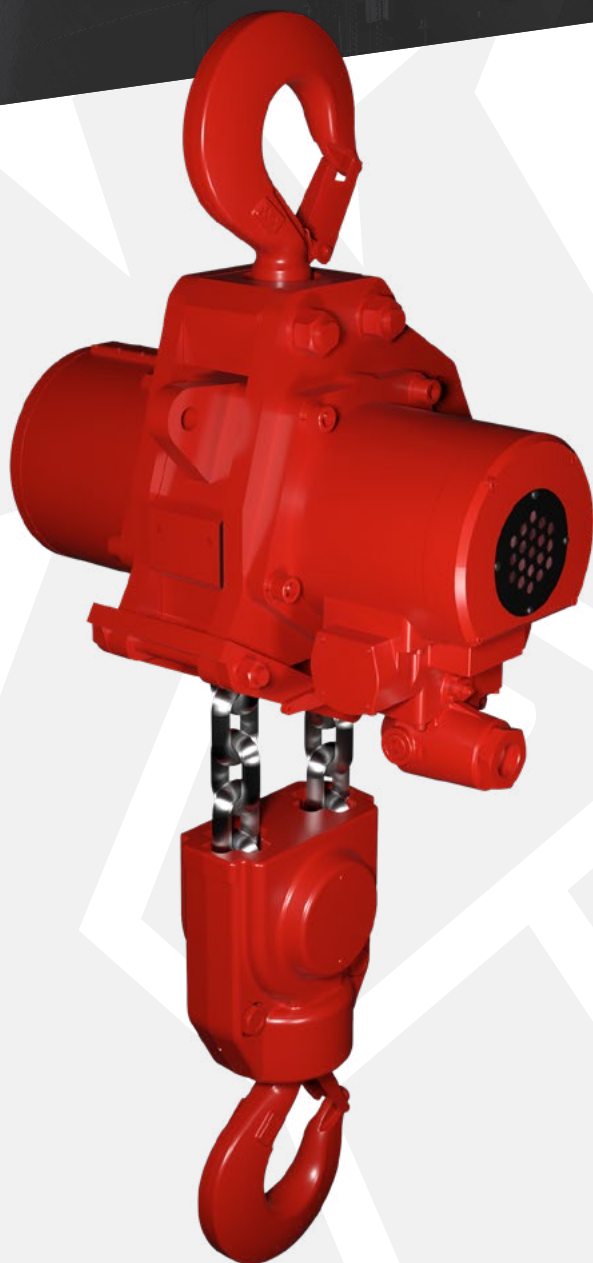
TMH SERIES | 25 TO 30 TONNE AIR HOISTS

The **TMH** series is a chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



The new **Red Rooster Lifting** TMH series air hoists 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 – 6.3 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
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (galvanised or stainless steel)
- Air Service units
- Radio control



**UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD**

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TMH SERIES | 25 TO 30 TONNE AIR HOISTS

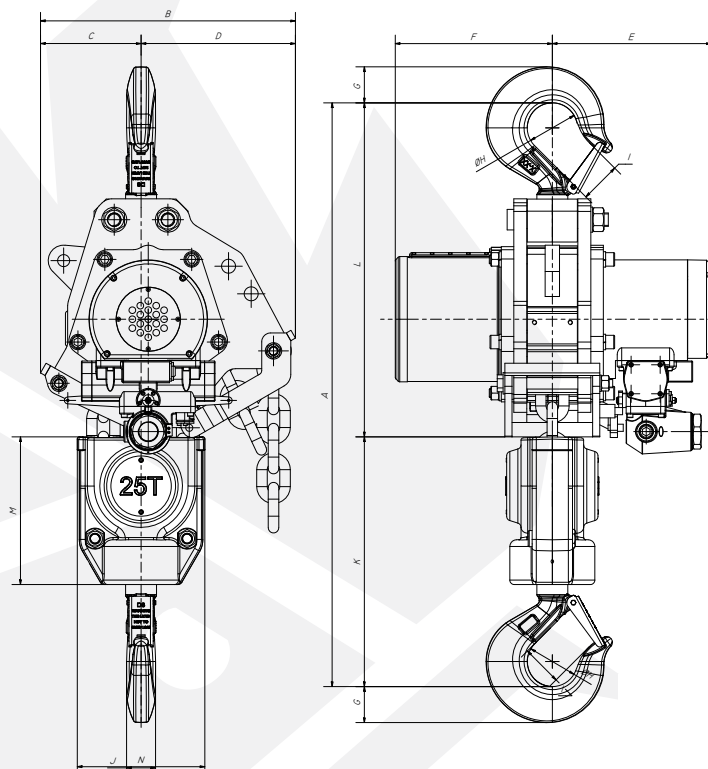


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J	K	L	M	N
TMH-25T	1290	566	223	343	356	352	90	100	71	82	558	732	330	285
TMH-30T	1290	566	223	343	356	352	90	100	71	82	558	732	330	285

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-25T	25000 kg	2	1.4 m/min	2.7 m/min	3.0 m/min
TMH-30T	30000 kg	2	1.0 m/min	2.7 m/min	2.7 m/min
MODEL	MIN HOSE DIA	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-25T	1 1/2" HOSE	1 1/2" FLR	1 1/2" BSP	108 l/sec	180 l/sec
TMH-30T	1 1/2" HOSE	1 1/2" FLR	1 1/2" BSP	108 l/sec	166 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-25T	4 - 6 bar		581 kg	24.4 kg	TMH-25TP2E
TMH-30T	4 - 6 bar		581 kg	24.4 kg	TMH-30

TMH SERIES | 37.5 TO 45 TONNE AIR HOISTS

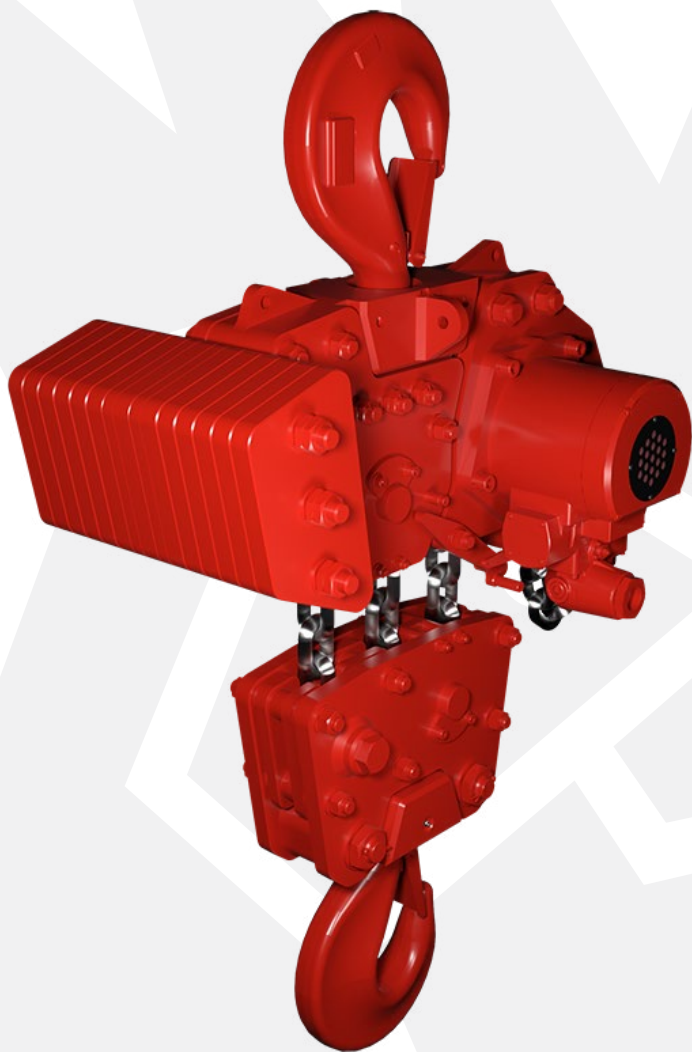


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH** series is a chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.

The new **Red Rooster Lifting** TMH series air hoists 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 – 6.3 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
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (galvanised or stainless steel)
- Air Service units
- Radio control



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TMH SERIES | 37.5 TO 45 TONNE AIR HOISTS

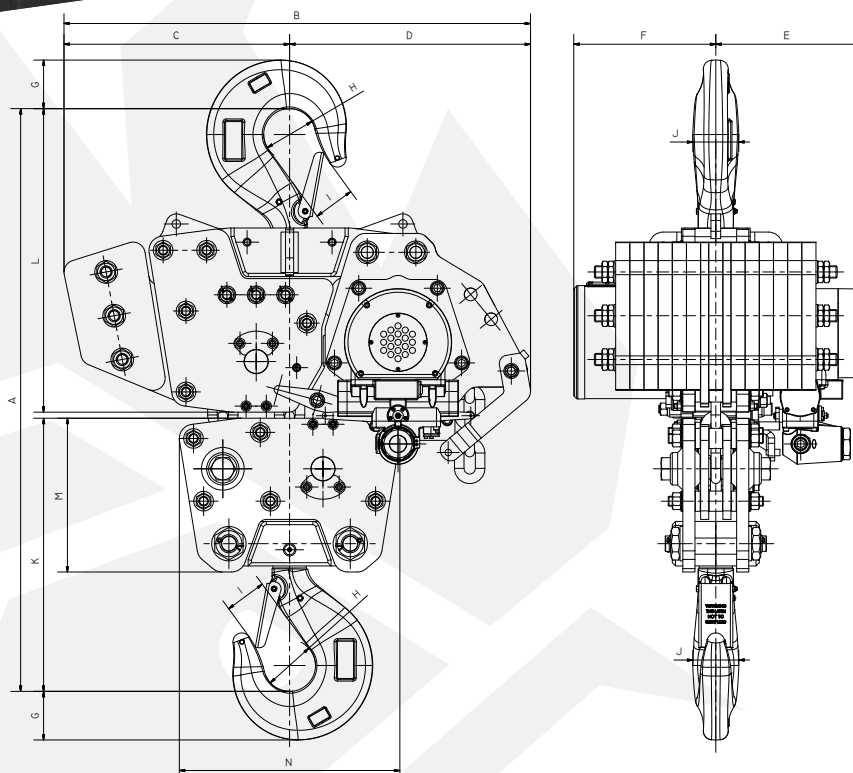


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J	K	L	M	N
TMH-37.5T	1440	1150	557.5	592.5	356	352	118	125	90	112	675	830	380	545
TMH-45T	1440	1150	557.5	592.5	356	352	118	125	90	112	675	830	380	545

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-37.5T	37500 kg	3	0.9 m/min	1.8 m/min	2.0 m/min
TMH-45T	45000 kg	3	0.65 m/min	1.8 m/min	1.8 m/min
MODEL	MIN HOSE DIA	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-37.5T	1 1/2" HOSE	1 1/2" FLR	1 1/2" BSP	108 l/sec	180 l/sec
TMH-45T	1 1/2" HOSE	1 1/2" FLR	1 1/2" BSP	108 l/sec	166 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-37.5T	4 - 6 bar		1300 kg	36.6 kg	1578-00
TMH-45T	4 - 6 bar		1300 kg	36.6 kg	1578-00

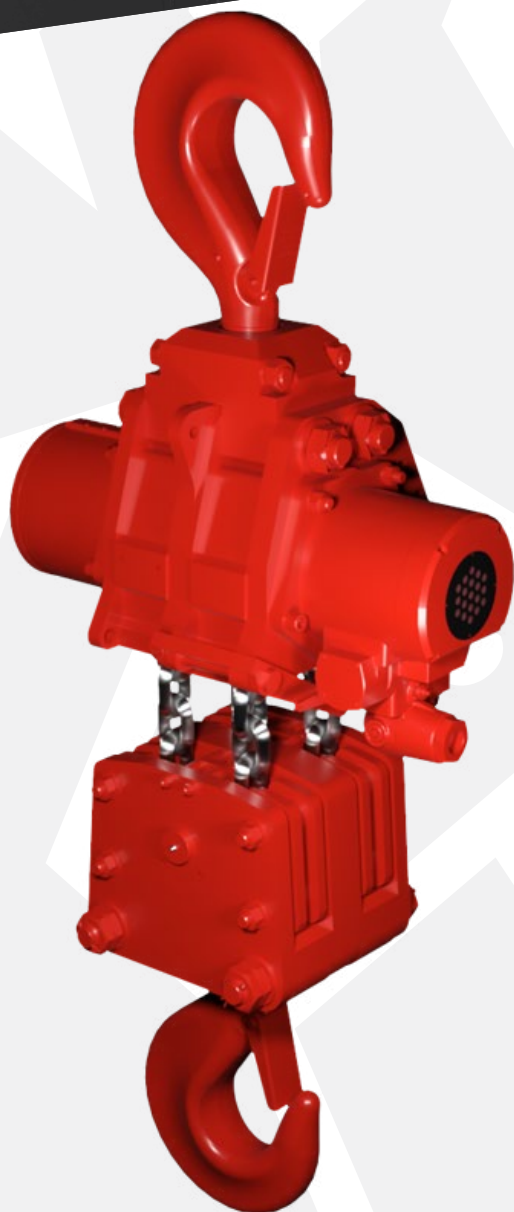
TMH SERIES | 50 TO 60 TONNE AIR HOISTS

The **TMH** series is a chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



The new **Red Rooster Lifting** TMH series air hoists 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 – 6.3 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
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors (galvanised or stainless steel)
- Air Service units
- Radio control



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TMH SERIES | 50 TO 60 TONNE AIR HOISTS

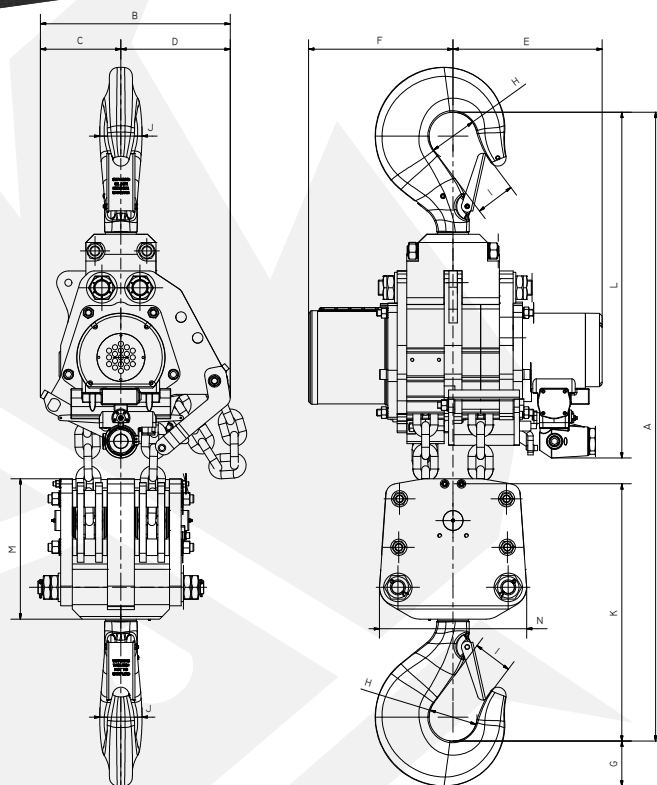


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J	K	L	M	N
TMH-50T	1800	879	241	324	446	443	132	140	100	125	785	1035	420	440
TMH-60T	1800	879	241	324	446	443	132	140	100	125	785	1035	420	440

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-50T	50000 kg	4	0.7 m/min	1.3 m/min	1.5 m/min
TMH-60T	60000 kg	4	0.5 m/min	1.3 m/min	1.3 m/min
MODEL	MIN HOSE DIA	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-50T	1 1/2" HOSE	1 1/2" FLR	1 1/2" BSP	108 l/sec	180 l/sec
TMH-60T	1 1/2" HOSE	1 1/2" FLR	1 1/2" BSP	108 l/sec	166 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-50T	4 - 6 bar		1300 kg	48.8 kg	1595-00
TMH-60T	4 - 6 bar		1300 kg	48.8 kg	1595-00





Cross Hauling Air Hoists

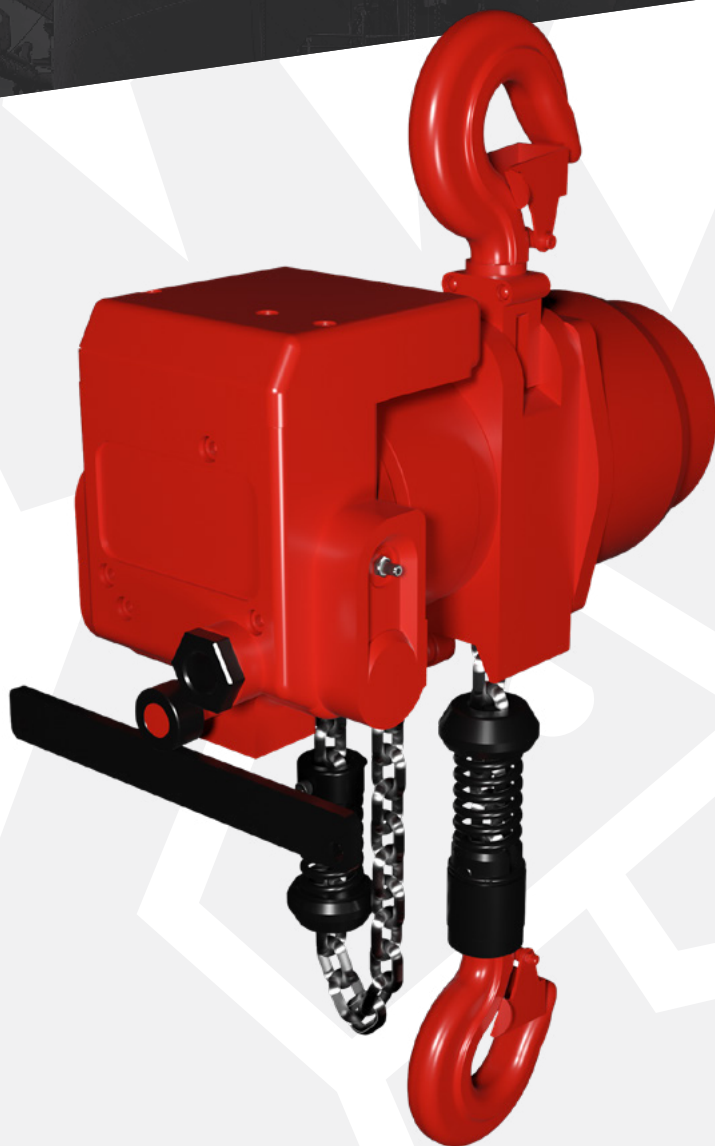
TCR MODEL CROSS HAULING AIR HOIST

The **TCR-1000-CH** is a 1000 kg chain hoist from Red Rooster Lifting. This is part of our air hoist hook suspension range for lifting equipment applications in industry.



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



The **Red Rooster Lifting** TCR series of air hoists offers 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 hoists comply with the UK supply of Machinery (Safety) Regulations 2008 and the European Machinery Directive. The hoists can be UKCA marked or CE marked.

This model of air hoist is suitable for 'Cross Hauling' working fully loaded at angles of up to 45° from the vertical. It can be used for positioning and transferring loads with the load chains under tension between hoists (see Diagram 1). The safety factor built into the hoist means that the weight of the load being lifted/transferred will not cause either hoist to be overloaded during operation. Where modified for cross hauling at up to 45° angle the model number will end with 'CH'.

STANDARD FEATURES

- Toku rotary vane motor
- Robust epicycle gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 83 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 7 x 21mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Cross hauling up to 45°
- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors* (PVC, galvanised or stainless steel)
- Air service units
- Radio control*
- Main air shut off valve

*Please contact us for cross hauling applications.



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TCR MODEL CROSS HAULING AIR HOIST

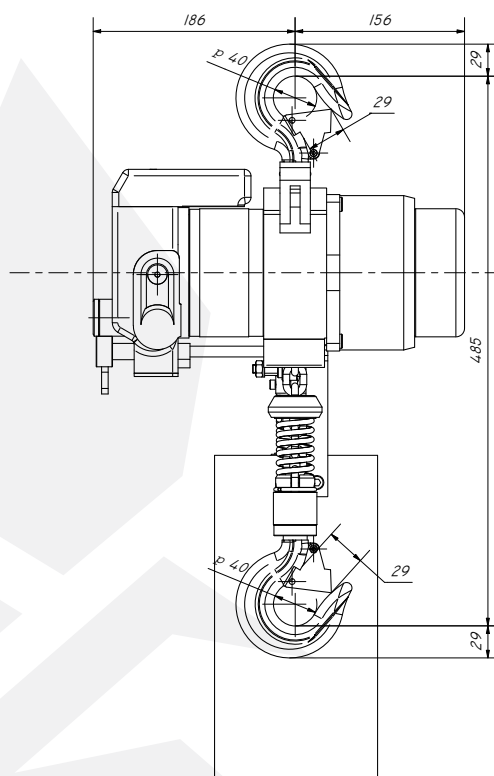
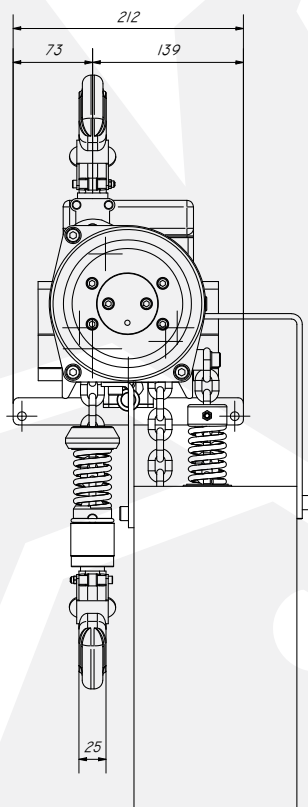


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



HOIST MODEL	TCR-1000-CH
WLL	1000 kg
CHAIN FALLS	1
LIFTING SPEED WITH LOAD	6.0 m/min
LIFTING SPEED WITHOUT LOAD	11.3 m/min
LOWERING SPEED WITH LOAD	10.3 m/min
AIR CONSUMPTION LIFTING	25 l/sec
AIR CONSUMPTION LOWERING	28 l/sec
WORKING PRESSURE	6 Bar
AIR CONNECTION	1/2" BSP
MINIMUM HOSE DIA.	1/2"
WEIGHT 3M HOL	34.0 kg
ADDITIONAL METRE HOL	1.1 kg

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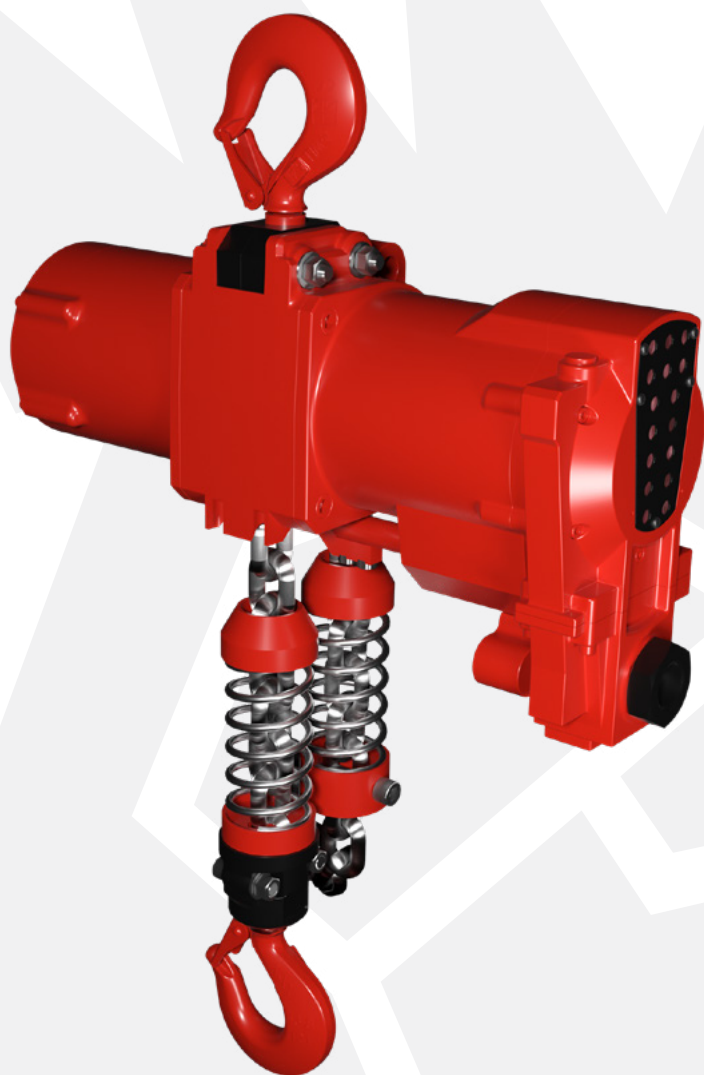
TMH MODEL | 3 TO 6 TONNE CROSS HAULING AIR HOIST

The **TMH-CH** is a cross hauling chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



The new **Red Rooster Lifting** TMH series air hoists 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.

This model of air hoist is suitable for 'Cross Hauling' working fully loaded at angles of up to 45° from the vertical. It can be used for positioning and transferring loads with the load chains under tension between hoists (see Diagram 1). The safety factor built into the hoist means that the weight of the load being lifted/transferred will not cause either hoist to be overloaded during operation. Where modified for cross hauling at up to 45° angle the model number will end with 'CH'.

STANDARD FEATURES

- Toku rotary vane motor
- Robust 3 step planetary gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 16 x 45mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
 - Special paint systems
 - Corrosion protection
 - UK Ex scheme or ATEX zone 1 specification
 - Chain collectors* (galvanised or stainless steel)
 - Air Service units
 - Radio control*
- *Please contact us for cross hauling applications.



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TMH MODEL | 3 TO 6 TONNE CROSS HAULING AIR HOIST

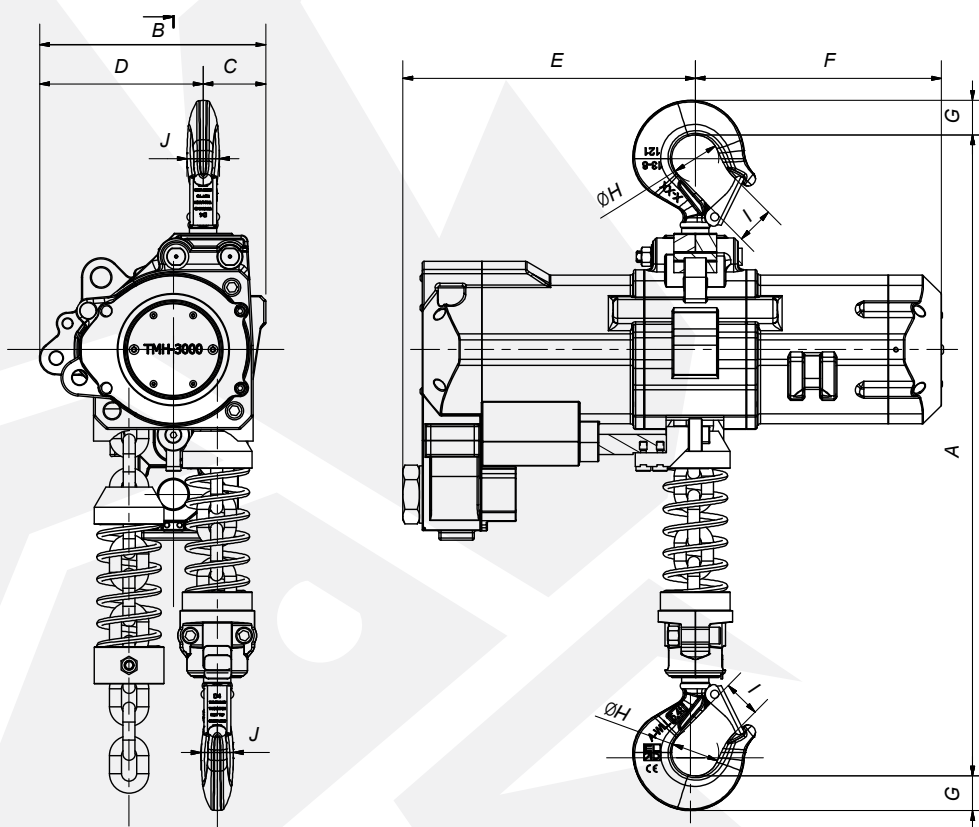


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J
TMH-3000-CH	637 ± 50	243	67	176	315	265	45	50	34	35
TMH-6000/2-CH	830 ± 50	334	102	232	315	267	49	65	42	42

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-3000-CH	3000 kg	1	5.4 m/min	10.8 m/min	10.2 m/min
TMH-6000/2-CH	6000 kg	2	2.7 m/min	5.4 m/min	5.1 m/min
MODEL	MIN HOSE	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-3000-CH	1" DIA	1" FLR	1" BSP	56 l/sec	68 l/sec
TMH-6000/2-CH	1" DIA	1" FLR	1" BSP	56 l/sec	68 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-3000-CH	4 - 6 Bar		99 kg	3.8 kg	RRL-1606-00
TMH-6000/2-CH	4 - 6 Bar		124 kg	7.6 kg	RRL-1607-00

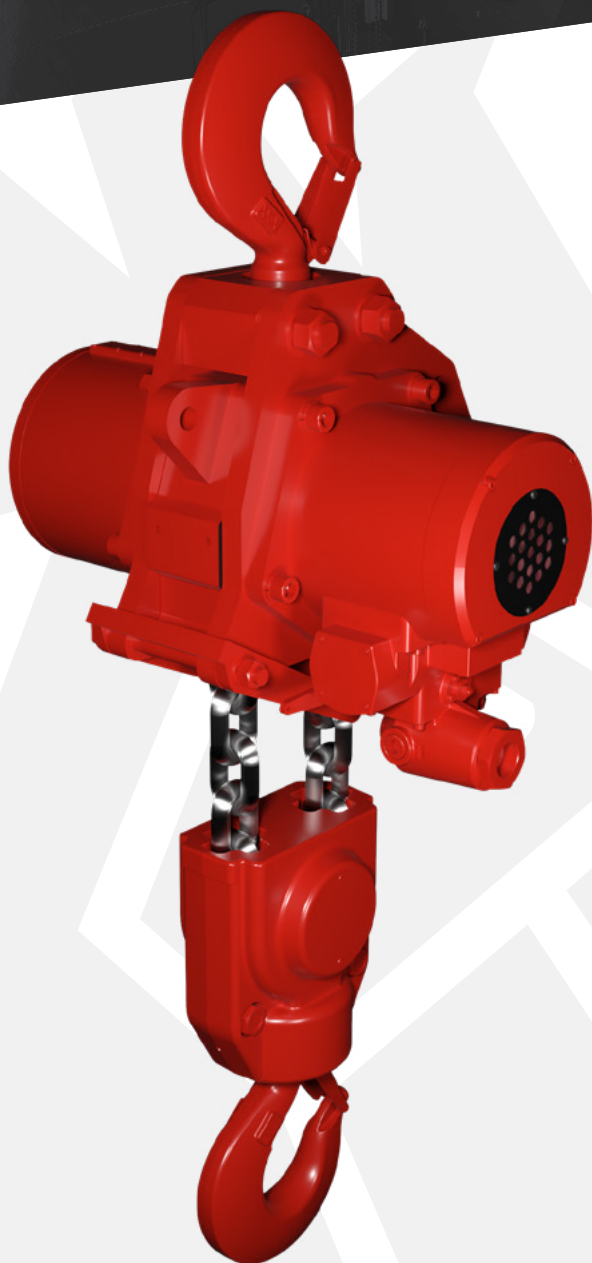
TMH MODEL | 10 TO 30 TONNE CROSS HAULING AIR HOIST



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH-CH** is a cross hauling chain hoist from Red Rooster Lifting. This is part of our hook suspension air hoist range for lifting equipment applications in industry.



The new **Red Rooster Lifting** TMH series air hoists 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 – 6.3 bar. For full speed operation the hoist air pressure should be 6.3 bar.

This model of air hoist is suitable for 'Cross Hauling' working fully loaded at angles of up to 45° from the vertical. It can be used for positioning and transferring loads with the load chains under tension between hoists (see Diagram 1). The safety factor built into the hoist means that the weight of the load being lifted/transferred will not cause either hoist to be overloaded during operation. Where modified for cross hauling at up to 45° angle the model number will end with 'CH'.

STANDARD FEATURES

- Toku rotary vane motor
- Robust 3 step planetary gearbox
- Failsafe automatic internal disc brake
- Mechanical upper & lower switches
- Cast steel housing
- Internal silencing down to 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm of European manufacture to EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Special paint systems
- Corrosion protection
- UK Ex scheme or ATEX zone 1 specification
- Chain collectors* (galvanised or stainless steel)
- Air Service units
- Radio control*

*Please contact us for cross hauling applications.



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TMH MODEL | 10 TO 30 TONNE CROSS HAULING AIR HOIST

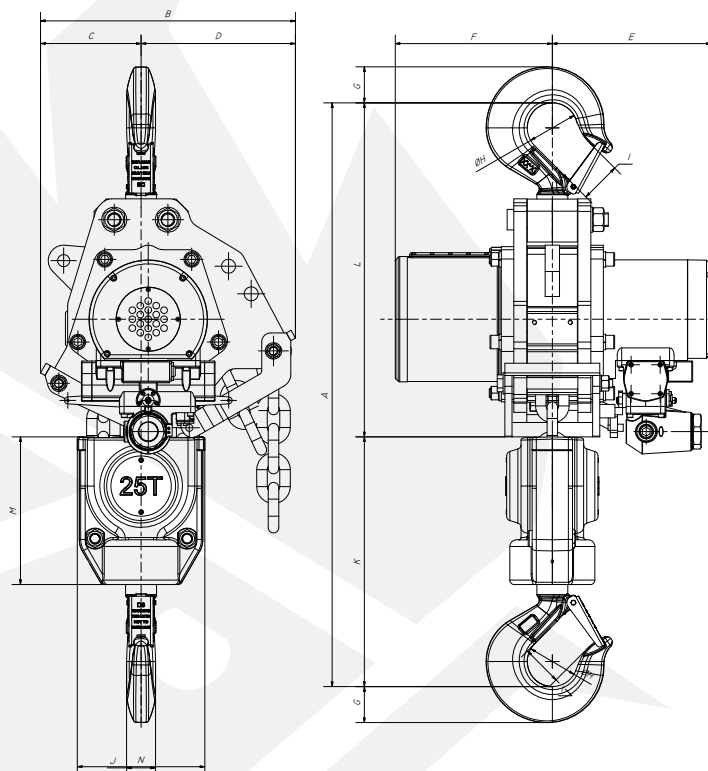


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	D	E	F	G	HØ	I	J	K	L	M	N
TMH-10T-CH	860	488	209	275	315	266	65	61	45	60	350	533	221	214
TMH-25T-CH	1290	566	223	343	356	352	90	100	71	82	558	732	330	285
TMH-30T-CH	1290	566	223	343	356	352	90	100	71	82	558	732	330	285

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-10T-CH	10000 kg	2	1.6 m/min	3.3 m/min	3.2 m/min
TMH-25T-CH	25000 kg	2	1.4 m/min	2.7 m/min	3.0 m/min
TMH-30T-CH	30000 kg	2	1.0 m/min	2.7 m/min	2.7 m/min
MODEL	MIN HOSE	AIR SERVICE	AIR CONNECTION	AIR CONSUMPTION LIFTING	AIR CONSUMPTION LOWERING
TMH-10T-CH	1" DIA	1" FLR	1" BSP	58 l/sec	71 l/sec
TMH-25T-CH	1 1/2" DIA	1 1/2" FLR	1 1/2" BSP	108 l/sec	180 l/sec
TMH-30T-CH	1 1/2" DIA	1 1/2" FLR	1 1/2" BSP	108 l/sec	166 l/sec
MODEL	WORKING PRESSURE		WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-10T-CH	4 - 6 Bar		206 kg	11.4 kg	RRL-1603-00
TMH-25T-CH	4 - 6 Bar		581 kg	24.4 kg	TMH-25TP2E
TMH-30T-CH	4 - 6 Bar		581 kg	24.4 kg	TMH-30TP2E



CROSS HAULING WITH RED ROOSTER LIFTING AIR HOISTS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

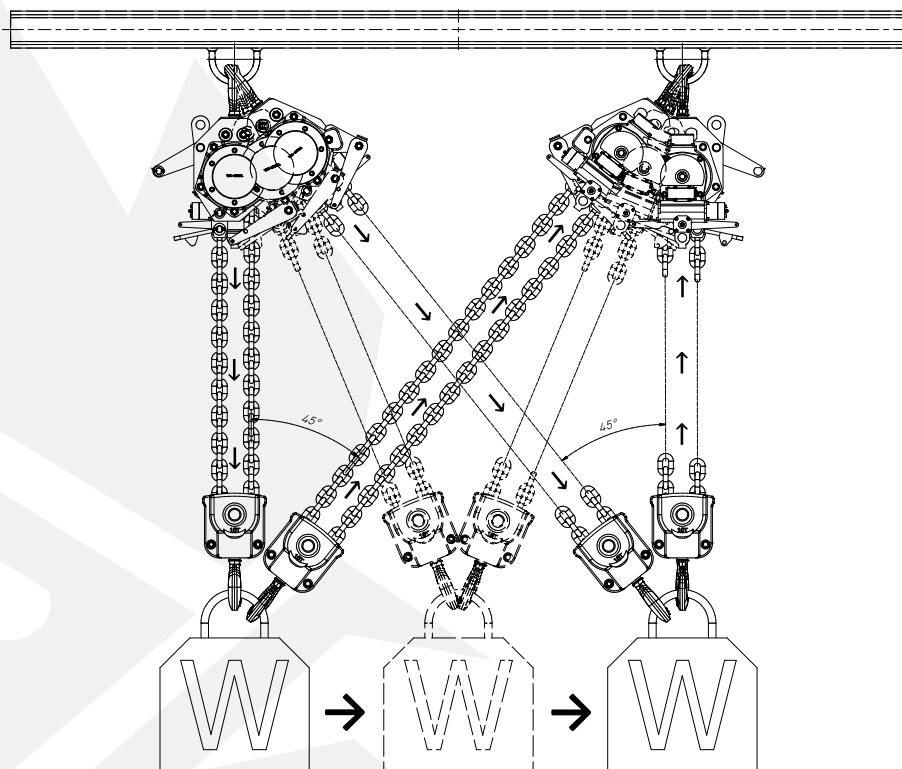


DIAGRAM 1

When carrying out complex lifting operations like cross hauling to transfer loads from one hoist to another a formal work pack should be in place including a lift plan, method statement and a risk assessment completed by a competent person.

The hoist manual contains further details on safe operation while cross hauling, fleeting or oblique or non-vertical lifting and pulling using Red Rooster air hoists.

For further information please contact Red Rooster Lifting.



**UK EX SCHEME ZONE 2
ATEX ZONE 2
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Lube-Free Air Hoists



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

THE NEW TCS-LF SERIES LUBRICATION FREE AIR HOIST

At **RED ROOSTER LIFTING** we strive to continually develop our lifting solutions in line with our customer requirements. The new Red Rooster TCS-LF series of lubrication free hoists is the latest addition in a line of new models within the Red Rooster air hoist range.

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

- Precise variable speed control
- Optimum control of the load
- Robust and reliable
- Mechanical end stop
- 100% oil free
- Low noise level 83 dBA
- Working air pressure 6 bar
- Robust slackened anchor
- High quality RUD hoist chain
- Supplied with a filter / regulator

OPTIONAL FEATURES

- Paint systems for C3 Industrial to CX Offshore
- UK Ex scheme or ATEX – Zones 1 & 2
- Pendant / cord control systems
- Chain collectors
- Hook or clevis options
- Air supply systems and valves
- Piped away exhaust air

HOIST MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD
TCS-500LFC / LFPE	500 KG	1	13 M/MIN	24 M/MIN
TCS-980LFC / LFPE	980 KG	2	6.5 M/MIN	12 M/MIN
HOIST MODEL	AIR CONSUMPTION LIFTING	WORKING PRESSURE	AIR CONNECTION	WEIGHT WITH 3 METRE HOL
TCS-500LFC / LFPE	26 L/SEC	6 BAR	1/2" BSP	19 KG
TCS-980LFC / LFPE	26 L/SEC	6 BAR	1/2" BSP	23.5 KG

C = CORD CONTROL PE = PENDANT CONTROL

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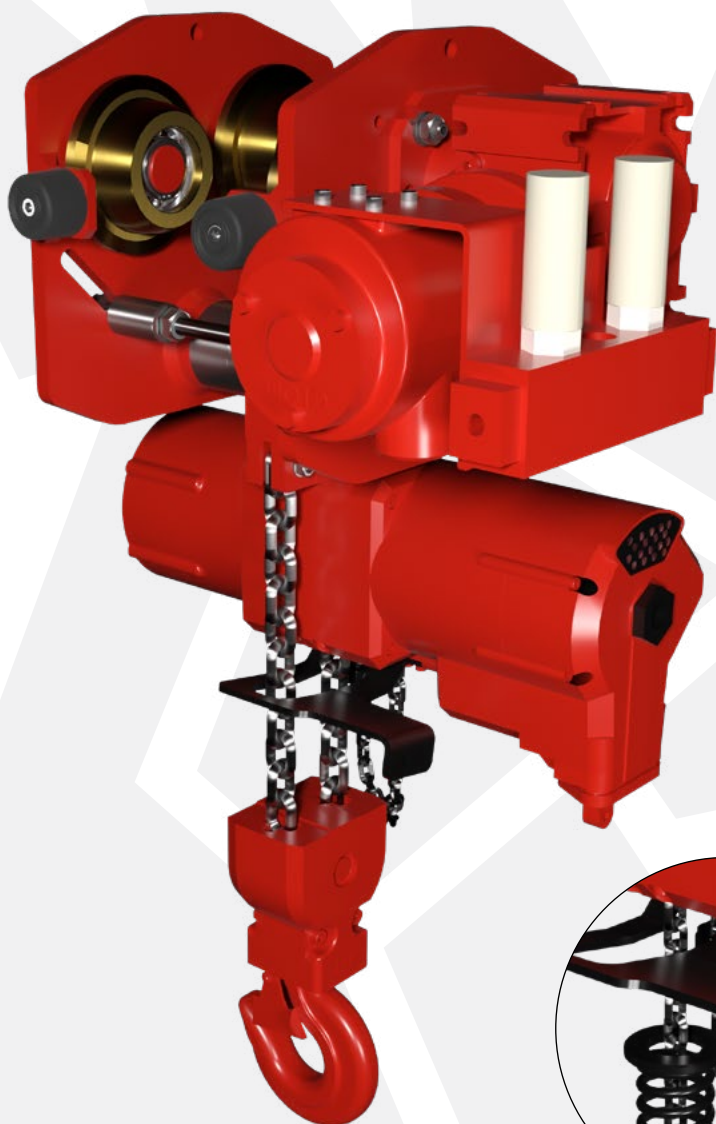
THE NEW TCS-LF SERIES

LUBRICATION FREE AIR HOIST & TROLLEY



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



The Red Rooster Lifting range of lubrication free air trolleys is available from 500kg to 15 tonne. They have been designed to operate with oil free air motors for the new TCS-LF and TMH-LF series of hoists.

As part of our commitment to continuous improvement Red Rooster look forward to introducing larger capacity lubrication free TMH air hoists from 3 to 15 tonne. The TMH series of air hoists have a high M4* classification guaranteeing the continuity of your process and are designed to operate at full lifting capacity with an air pressure of 4-6 bar.

*Classification for 3 & 6 tonne models only

ADDITIONAL INFORMATION

- The air motor should be inspected after 13,000 cycles. 1 cycle = 1 metre up and down
- The use of an airline lubricator will extend vane lifetime



MECHANICAL LIMIT SWITCH

Mechanical shut off to prevent over hoisting or lowering



EXHAUST INSTALLATION

New exhaust cover design for easy maintenance and 0.5" PT threaded port for piped away exhaust

T: +44 (0) 1651 872101
sales@redroosterlifting.com

REDROOSTERLIFTING.COM

Red Rooster Lifting Limited Nauta House, The Meadows, Oldmeldrum, Inverurie, Aberdeenshire, UK, AB51 0EZ



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

THE NEW TMH-LF SERIES LUBRICATION FREE AIR HOIST

At **RED ROOSTER LIFTING** we strive to continually develop our lifting solutions in line with our customer requirements. The new Red Rooster TMH-LF series of lubrication free hoists is the latest addition in a line of new models within the Red Rooster air hoist range.

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

- Failsafe internal disc brake
- High M4 classification (3 & 6 tonne models only)
- Precise variable speed control
- Optimum control of the load
- Robust and reliable
- Mechanical upper and lower limits
- 100% oil free
- Low noise level 80 dBA
- Working air pressure 4-6 bar
- Robust slackened anchor
- High quality RUD hoist chain
- Supplied with a filter / regulator

OPTIONAL FEATURES

- Paint systems for C3 Industrial to CX Offshore
- UK Ex scheme or ATEX – Zones 1 & 2
- Pendant / cord control systems
- Chain collectors
- Hook or clevis options
- Air supply systems and valves
- Piped away exhaust air

HOIST MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	AIR CONSUMPTION LIFTING
TMH-3000LFC / LFPE	3 TONNE	1	3.1 M/MIN	6.4 M/MIN	51 L/SEC
TMH-6000LFC / LFPE	6 TONNE	2	1.6 M/MIN	3.2 M/MIN	51 L/SEC
TMH-9000LFC / LFPE	9 TONNE	3	1.0 M/MIN	2.1 M/MIN	51 L/SEC
TMH-12000LFC / LFPE	12 TONNE	4	0.8 M/MIN	1.6 M/MIN	51 L/SEC
TMH-15000LFC / LFPE	15 TONNE	5	0.6 M/MIN	1.3 M/MIN	51 L/SEC

C = CORD CONTROL PE = PENDANT CONTROL

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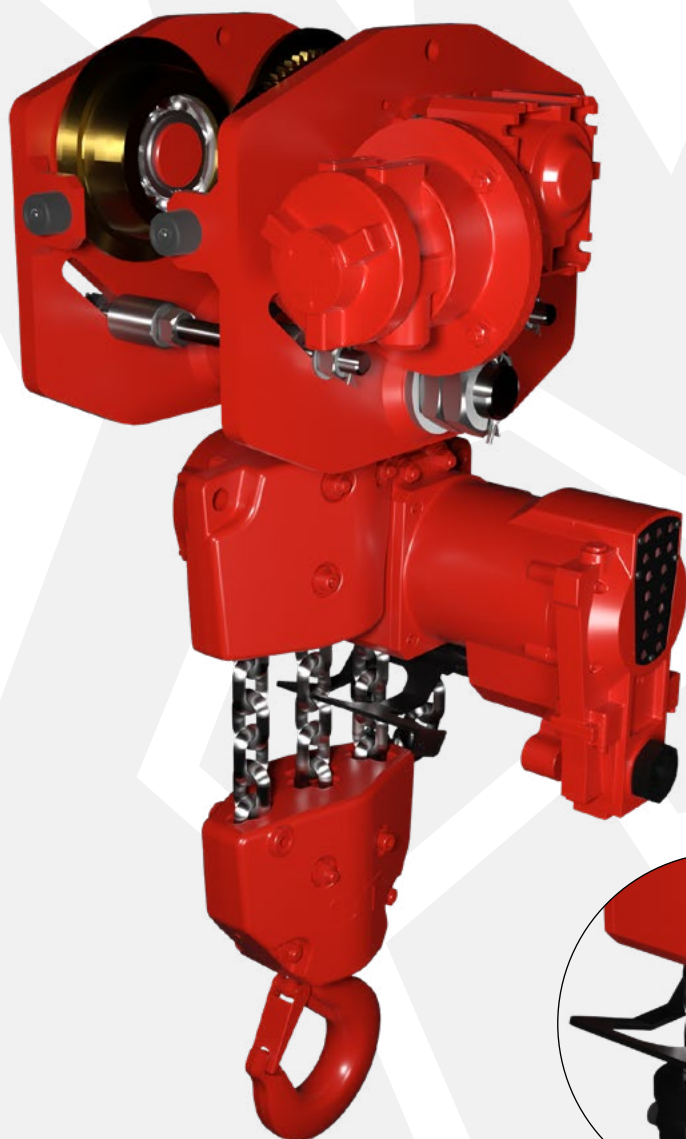
THE NEW TMH-LF SERIES

LUBRICATION FREE AIR HOIST & TROLLEY



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS



The Red Rooster Lifting range of lubrication free air trolleys is available from 500kg to 15 tonne. They have been designed to operate with oil free air motors for the new TCS-LF and TMH-LF series of hoists.

As part of our commitment to continuous improvement Red Rooster are also introducing smaller capacity lubrication free TCS air hoists which are available in 500 and 980 kg capacities. The TCS-LF series of air hoists are lightweight and have a fast lifting speed.

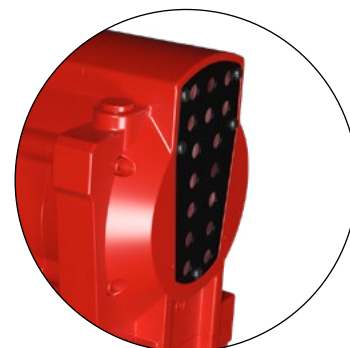
ADDITIONAL INFORMATION

- For specific maintenance instructions please check the manual or contact Red Rooster Lifting
- The use of an airline lubricator will extend vane lifetime
- Flange size up to 305 mm as standard.
- Lubrication free also available on low headroom hoists, cranes and other special designs



MECHANICAL LIMIT SWITCH

Mechanical shut off to prevent over hoisting or lowering



EXHAUST INSTALLATION

New exhaust cover design for easy maintenance and 1" PT threaded port for piped away exhaust

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Air Hoists & Trolleys

TCR SERIES | 250 TO 500 KG MINI AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR-MINI** is a chain hoist and trolley unit 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
- 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

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**

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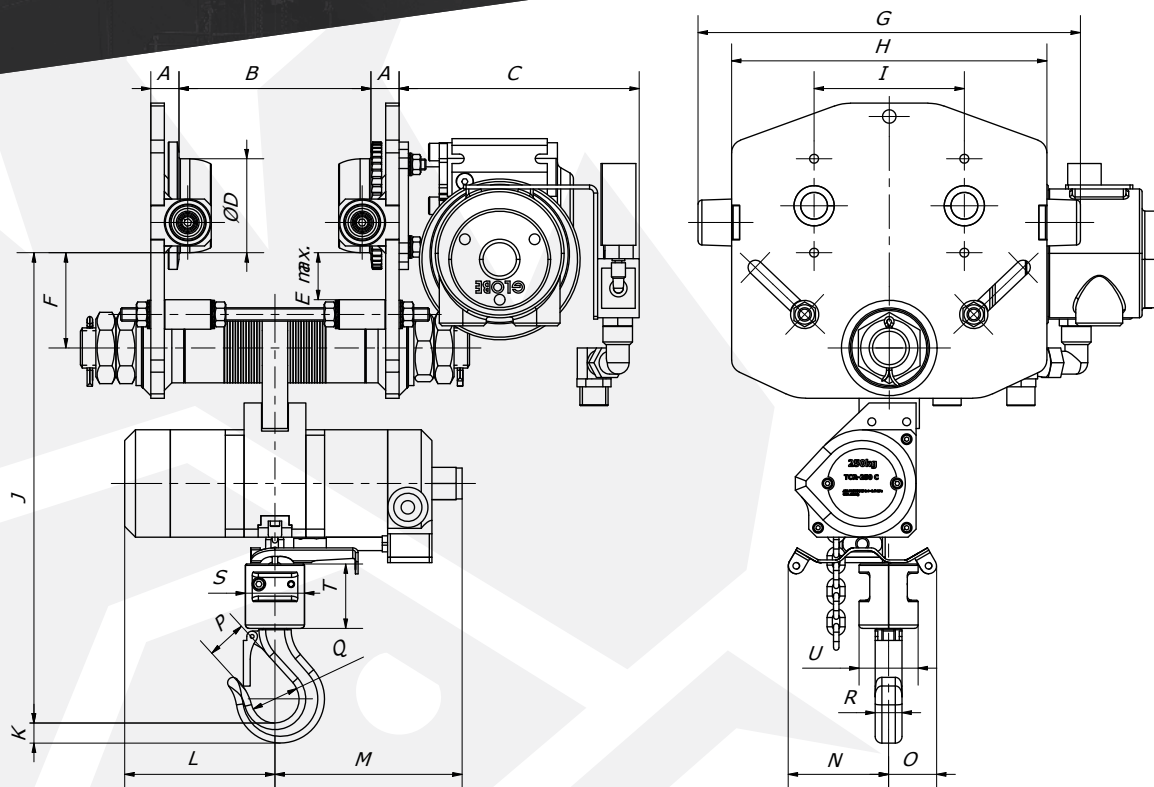
TCR SERIES | 250 TO 500 KG MINI AIR HOIST & TROLLEYS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TCR-250-AT25	21	TBC	180	70	35	71	285	235	112	350	15	112	140	75	36	22	36	20	44	48	44
TCR-500/2-AT25	21	TBC	180	70	35	71	285	235	112	390	25	112	139	93	18	25	35	20	47	94	65

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-250-AT25	250 kg	1	9.3 m/min	19.0 m/min	17.9 m/min
TCR-500/2-AT25	500 kg	2	4.6 m/min	9.5 m/min	9.0 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TCR-250-AT25	1/2" BSP		13 l/sec	25 l/sec	9 m/min*
TCR-500/2-AT25	1/2" BSP		13 l/sec	25 l/sec	9 m/min*
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCR-250-AT25	55	300	32 kg	0.35 kg	1500-22
TCR-500/2-AT25	55	300	34 kg	0.7 kg	1500-35

AT_S = STANDARD AT_ATX = ATEX

*ATEX ZONE 1 Travel Speed of 6 m/min

RED ROOSTER LIFTING LIMITED

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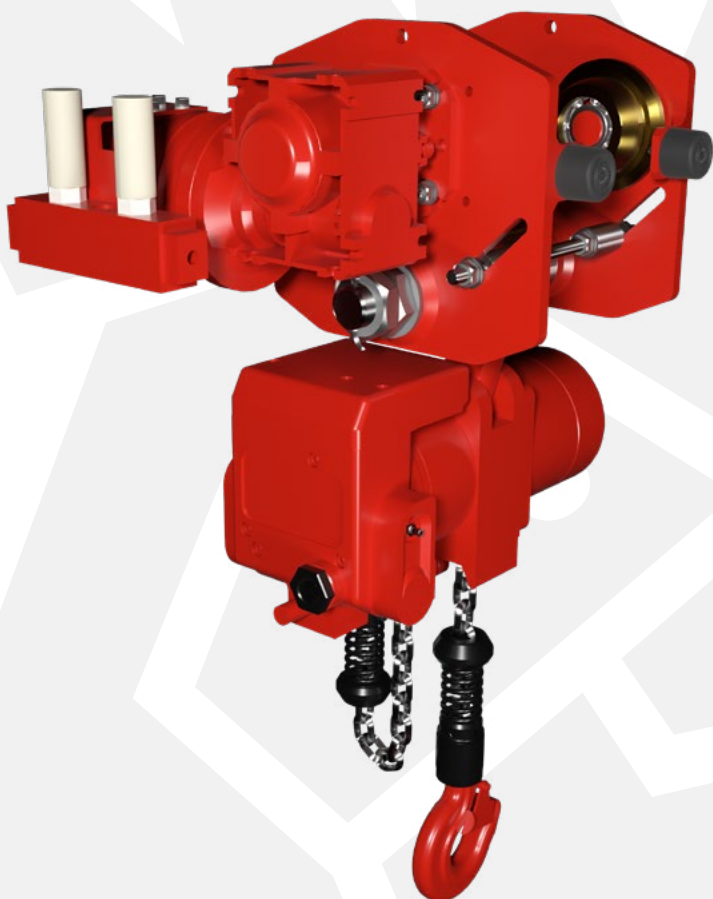
TCR SERIES | 500 TO 1000 KG AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR** series are chain hoist and trolleys 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**

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REDROOSTERLIFTING.COM

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TCR SERIES | 500 TO 1000 KG AIR HOIST & TROLLEYS

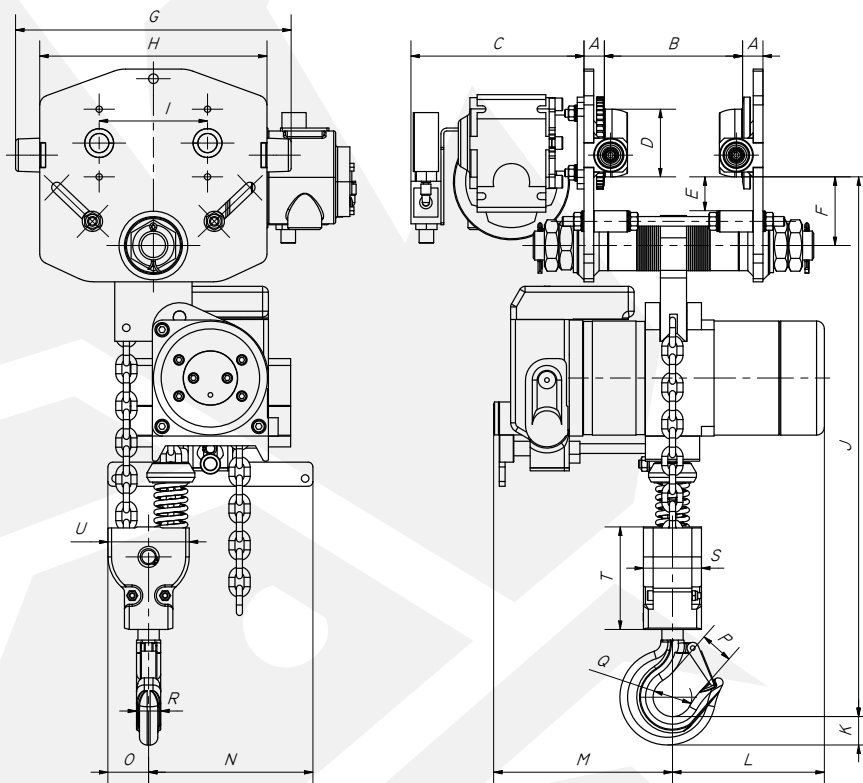


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TCR-500-AT2S	21	TBC	180	70	35	71	285	235	112	525	30	156	186	136	76	29	40	25	40	130	40
TCR-1000/2-AT2S	21	TBC	180	70	35	71	285	235	112	560	30	157	185	170	42	29	40	25	60	106	84

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-500-AT2S	250 / 500 kg	1	12 / 10.5 m/min	16.0 m/min	17.9 m/min
TCR-1000/2-AT2S	1000 kg	2	5.3 m/min	9.5 m/min	9.0 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TCR-500-AT2S	1/2" BSP		25 l/sec	25 l/sec	9 m/min*
TCR-1000/2-AT2S	1/2" BSP		25 l/sec	25 l/sec	9 m/min*
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCR-500-AT2S	55	300	59 kg	0.8 kg	1500-26
TCR-1000/2-AT2S	55	300	62 kg	1.6 kg	1500-27

AT_S = STANDARD AT_ATX = ATEX

*ATEX Zone 1 Travel Speed 6 m/min / Optional Travel Speed of 14 m/min

RED ROOSTER LIFTING LIMITED

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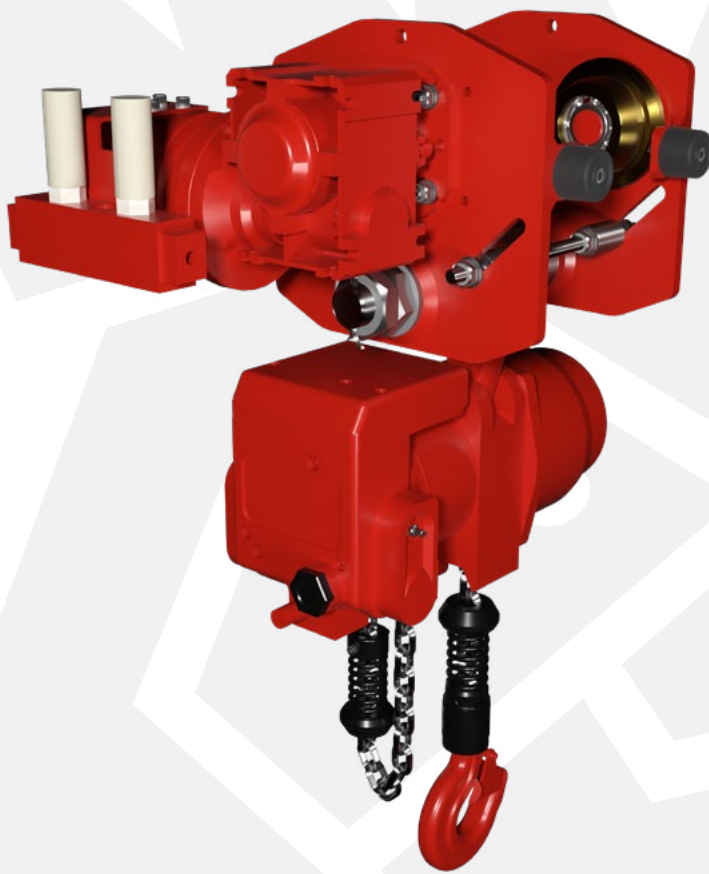
TCR SERIES | 1 TO 2 TONNE AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR** series are chain hoist and trolleys 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**

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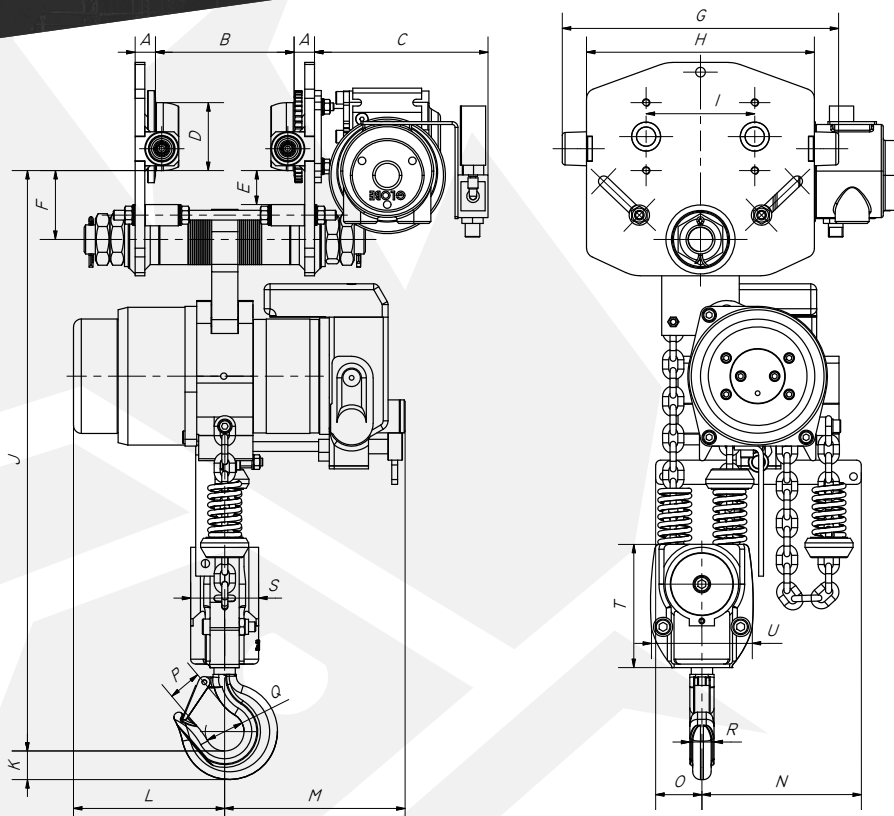
TCR SERIES | 1 TO 2 TONNE AIR HOIST & TROLLEYS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TCR-1000-AT2S	21	TBC	180	70	35	71	285	235	112	525	30	156	186	116	51	29	40	25	46	100	46
TCR-2000/2-AT2S	21	TBC	180	70	35	71	285	235	112	645	37	155	185	165	48	29	45	30	70	127	104

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-1000-AT2S	1000 kg	1	6.0 m/min	11.3 m/min	10.3 m/min
TCR-2000/2-AT2S	2000 kg	2	3.0 m/min	5.7 m/min	5.2 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TCR-1000-AT2S	1/2" BSP		25 l/sec	25 l/sec	6 m/min*
TCR-2000/2-AT2S	1/2" BSP		25 l/sec	25 l/sec	6 m/min*
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCR-1000-AT2S	55	300	61 kg	1.1 kg	1500-28
TCR-2000/2-AT2S	55	300	67 kg	2.2 kg	1500-00

AT_S = STANDARD AT_ATX = ATEX

*ATEX Zone 1 Travel Speed 6 m/min / Optional Travel Speed of 14 m/min

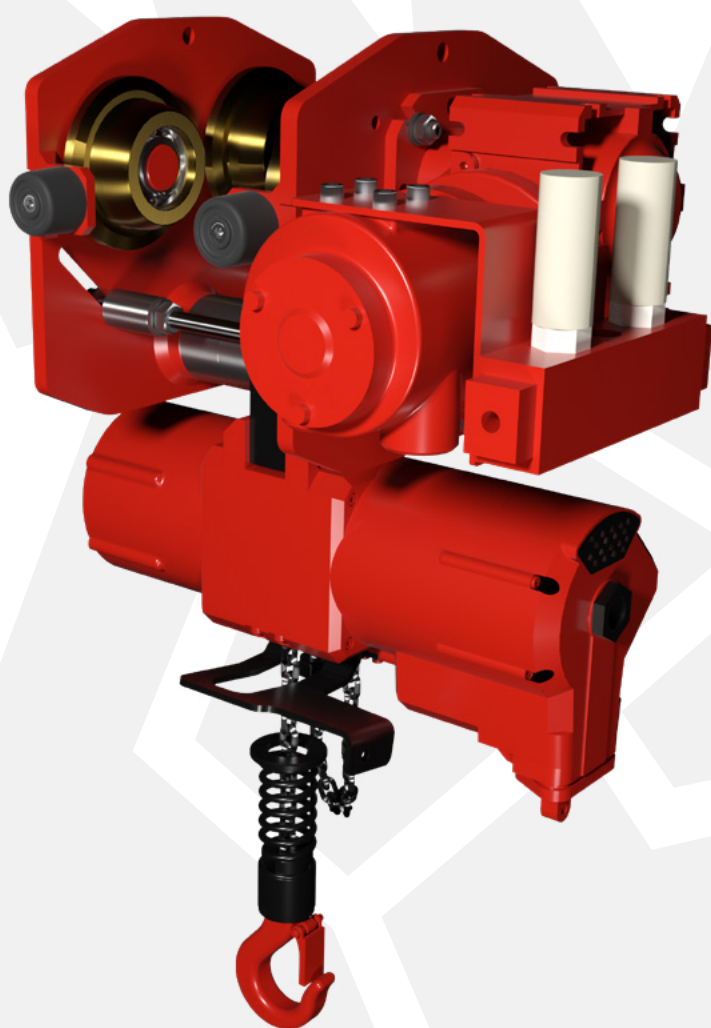
TCS-AT25 | 500 TO 980 KG AIR HOIST & TROLLEY



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCS-AT25** is a 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. 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
- 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

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**

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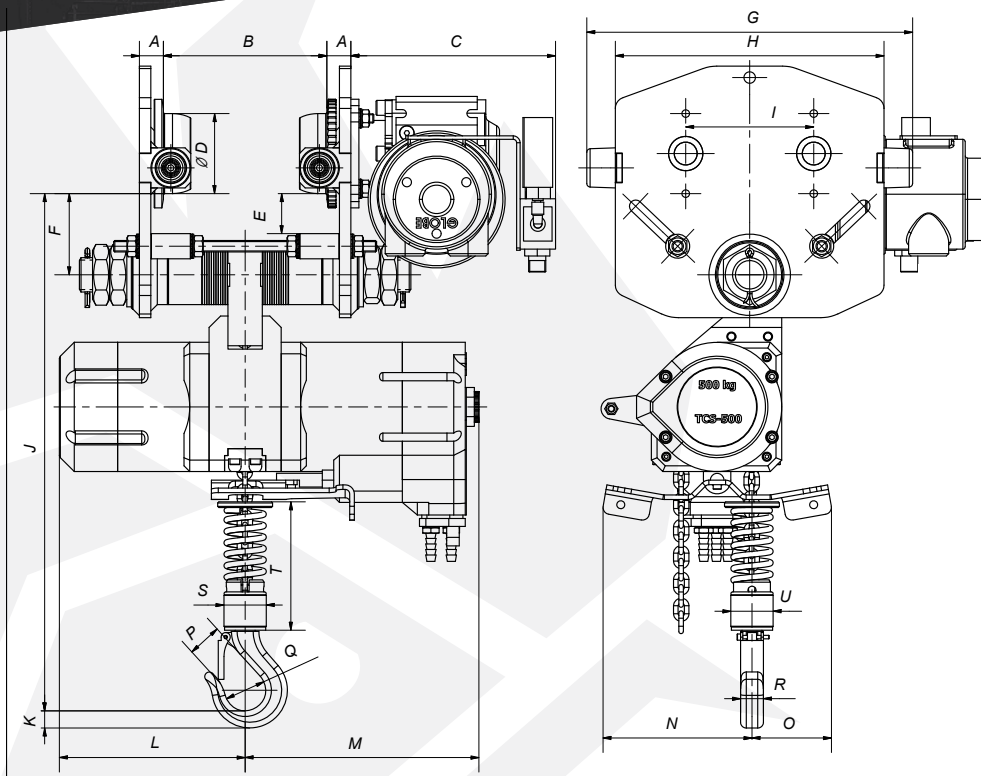
TCS-AT2S | 500 TO 980 KG AIR HOIST & TROLLEY

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K
TCS-500-AT2S	21	TBC	180	70	35 max	71	285	235	112	450	15
TCS-980-AT2S	21	TBC	180	70	35 max	71	285	235	112	530	30
MODEL	L	M	N	O	P	QØ	R	S	T	U	
TCS-500-AT2S	163	205	130	70	22	36	20	37	110	37	
TCS-980-AT2S	163	205	152	54	23	40	25	60	106	84	

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCS-500-AT2S	500 kg	1	17 m/min	33.0 m/min	34.0 m/min
TCS-980-AT2S	980 kg	2	8.5 m/min	16.0 m/min	17.0 m/min
MODEL	INLET CONNECTION	HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED	
TCS-500-AT2S	1/2" BSP	28 l/sec	25 l/sec	9.0 m/min*	
TCS-980-AT2S	1/2" BSP	28 l/sec	25 l/sec	9.0 m/min*	
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCS-500-AT2S	55	300	41 kg	0.8 kg	1500-23
TCS-980-AT2S	55	300	45 kg	1.6 kg	1500-24

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

RED ROOSTER LIFTING LIMITED

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T: +44 (0) 1651 872101 sales@redroosterlifting.com **REDROOSTERLIFTING.COM**

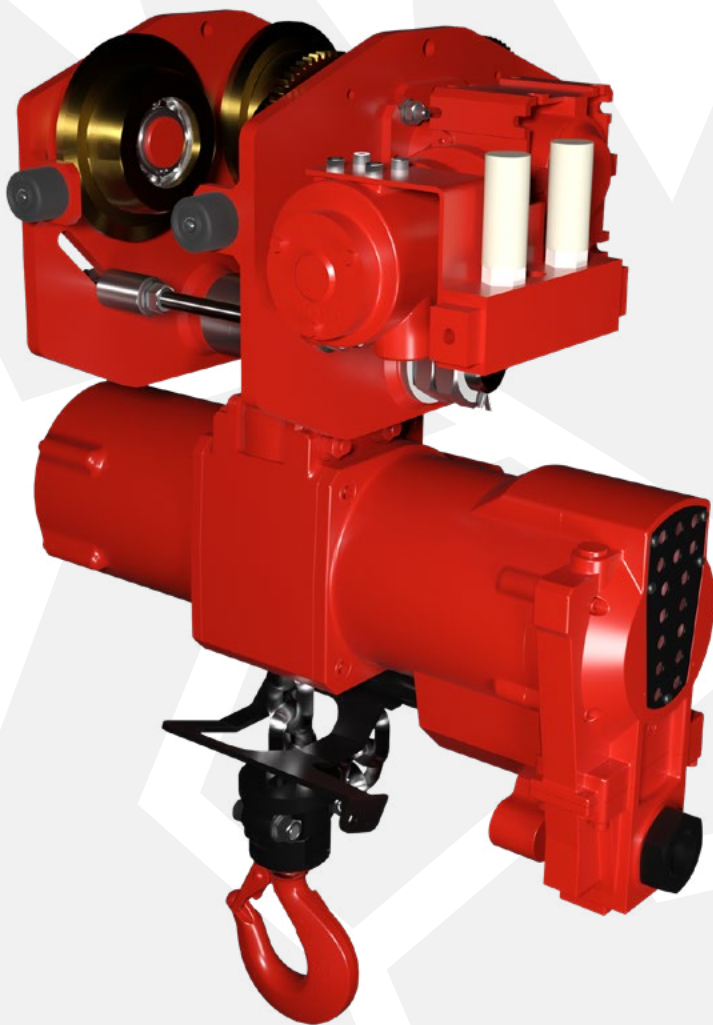
TMH SERIES | 3 TO 6 TONNE AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH** series is a chain hoist 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**

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TMH SERIES | 3 TO 6 TONNE AIR HOIST & TROLLEYS

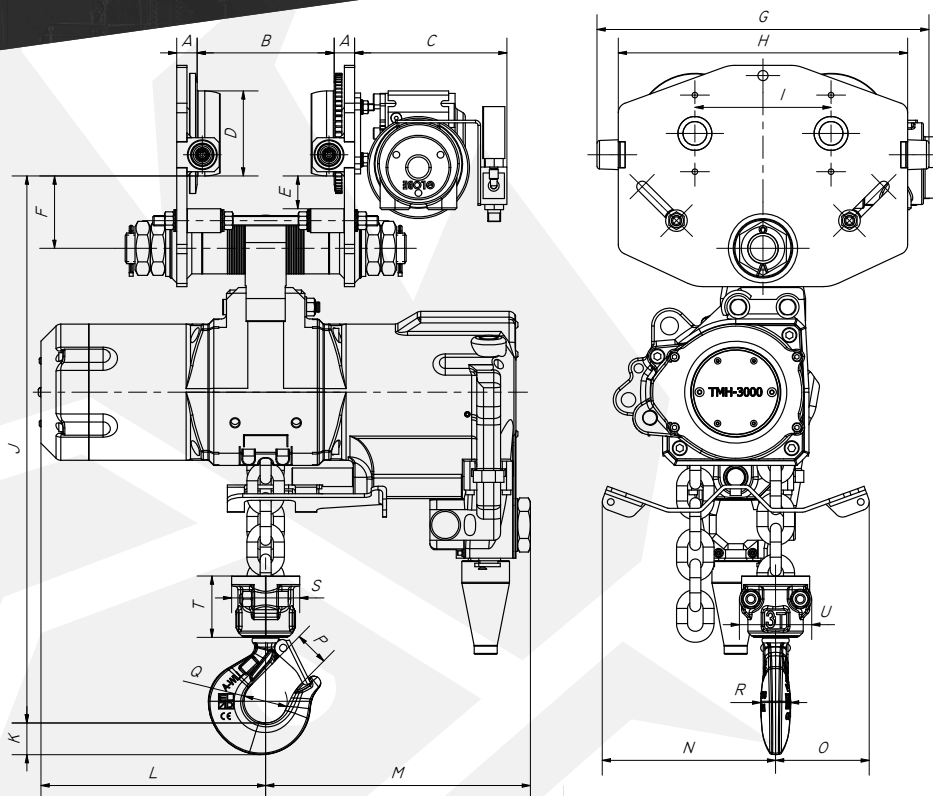


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TMH-3000-AT3S	24	TBC	180	100	40	85	390	340	160	643	37	264	311	204	110	41	51	35	80	72	85
TMH-6000/2-AT6S	28	TBC	180	150	50	102	515	465	224	745	49	265	310	243	127	52	63	37	127	191	173

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-3000-AT3S	3000 kg	1	5.4 m/min	10.8 m/min	10.2 m/min
TMH-6000/2-AT6S	6000 kg	2	2.7 m/min	5.4 m/min	5.1 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-3000-AT3S	1/2" BSP		68 l/sec	25 l/sec	6 m/min*
TMH-6000/2-AT6S	1/2" BSP		68 l/sec	25 l/sec	6 m/min*
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-3000-AT3S	80	300	187 kg	3.8 kg	1501-24
TMH-6000/2-AT6S	80	300	223 kg	7.6 kg	1502-23

AT_S = STANDARD AT_ATX = ATEX

*Optional Travel Speed of 14 m/min

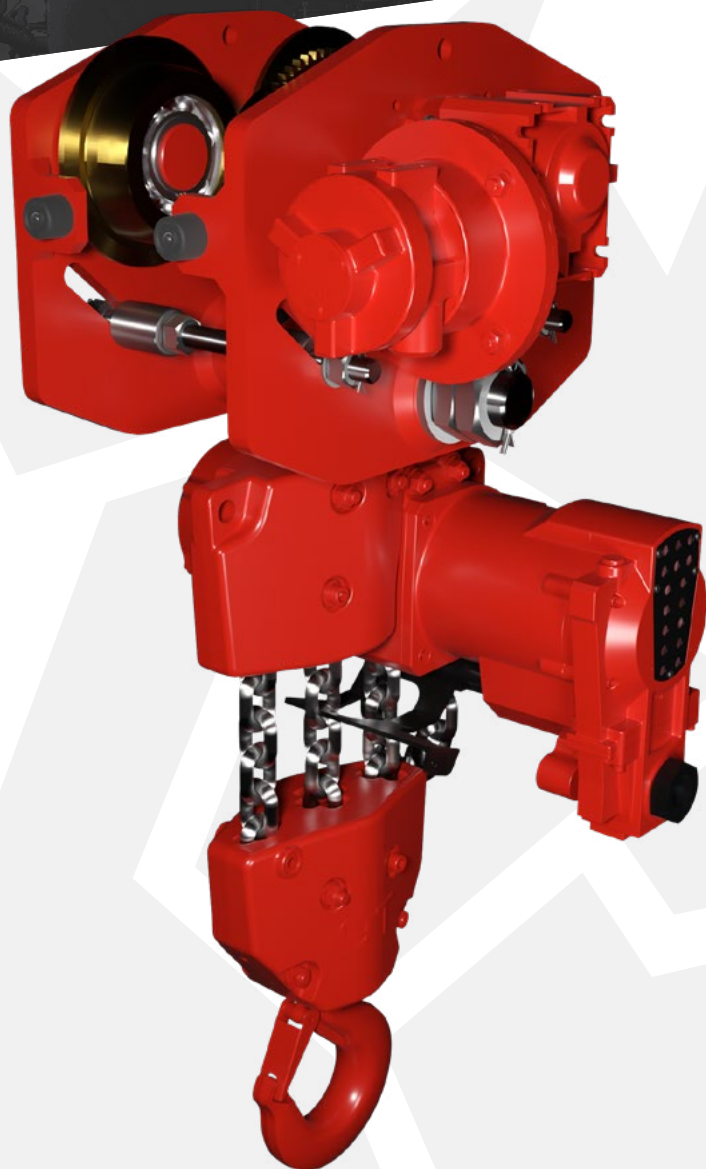
TMH SERIES | 9 TO 15 TONNE AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH** series is a chain hoist 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. 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**

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REDROOSTERLIFTING.COM

Red Rooster Lifting Limited Nauta House, The Meadows, Oldmeldrum, Inverurie, Aberdeenshire, UK, AB51 0EZ



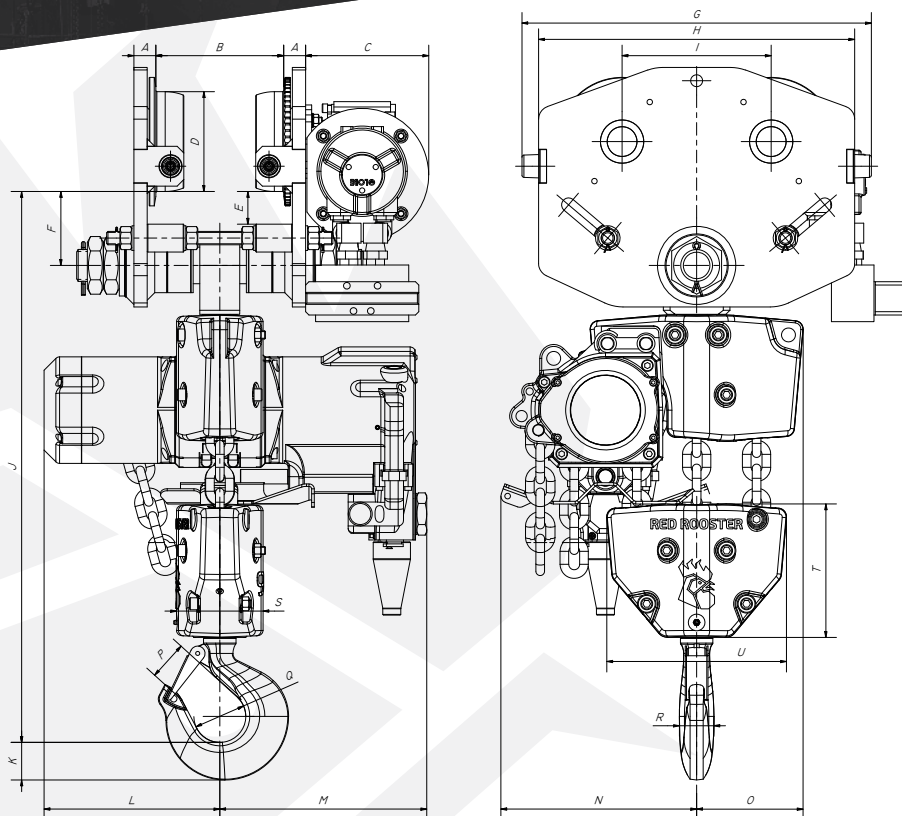
TMH SERIES | 9 TO 15 TONNE AIR HOIST & TROLLEYS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TMH-9000/3-AT10S	33	TBC	185	150	50	111	525	475	224	828	60	264	311	294	160	53	75	43	130	200	270
TMH-12000/4-AT10S	33	TBC	185	150	50	111	525	475	224	875	67	309	266	249	150	58	84	52	200	200	180
TMH-15000/5-AT15S	40	TBC	194	180	50	115	590	540	250	885	67	300	275	314	153	58	84	52	200	220	305

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-9000/3-AT10S	9000 kg	3	1.8 m/min	3.6 m/min	3.4 m/min
TMH-12000/4-AT10S	12000 kg	4	1.35 m/min	2.7 m/min	2.55 m/min
TMH-15000/5-AT15S	15000 kg	5	1.08 m/min	2.16 m/min	2.04 m/min

MODEL	INLET CONNECTION	HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-9000/3-AT10S	1" BSP	68 l/sec	40 l/sec	8 m/min
TMH-12000/4-AT10S	1" BSP	68 l/sec	40 l/sec	8 m/min
TMH-15000/5-AT15S	1" BSP	68 l/sec	40 l/sec	6.8 m/min

MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-9000/3-AT10S	110	300	314 kg	11.4 kg	1503-28
TMH-12000/4-AT10S	110	300	356 kg	15.2 kg	1503-30
TMH-15000/5-AT15S	110	300	507 kg	19 kg	1504-25

AT_S = STANDARD AT_ATX = ATEX

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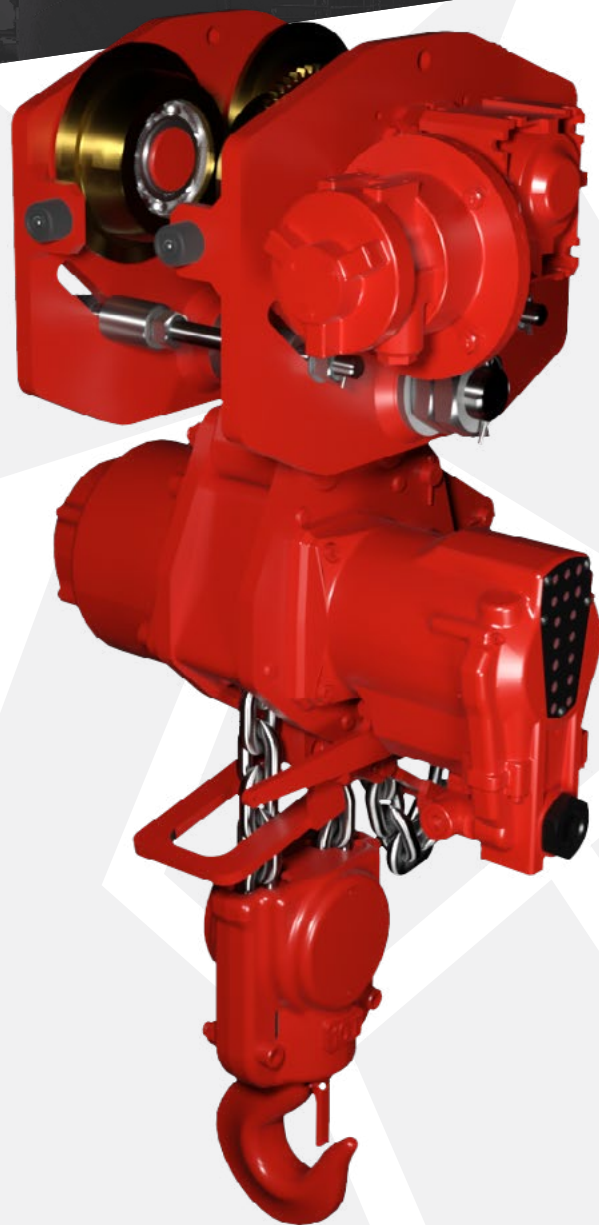
TMH SERIES | 10 TO 20 TONNE AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH** series is a chain hoist 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. 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 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**

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TMH SERIES | 10 TO 20 TONNE AIR HOIST & TROLLEYS

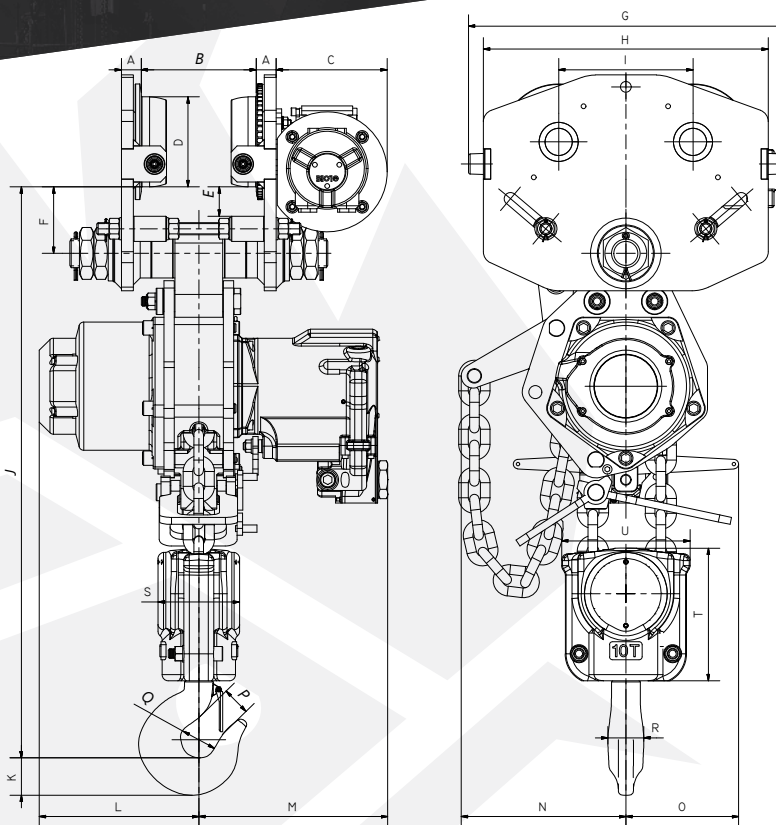


RED ROOSTER LIFTING

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TMH-10T-AT10S	33	TBC	185	150	50	111	525	475	224	890	62	266	315	275	188	45	61	60	136	221	214
TMH-15T-AT15S	40	TBC	194	180	49	115	590	540	250	910	67	266	315	439	255	58	84	52	140	270	250
TMH-20-AT25S	53	TBC	207	240	54	135	910	860	401	1110	80	326	386	310	188	78	110	64	315	265	345

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-10T-AT10S	10000 kg	2	1.6 m/min	3.3 m/min	3.2 m/min
TMH-15T-AT15S	15000 kg	3	1.05 m/min	2.2 m/min	2.1 m/min
TMH-20-AT25S	20000 kg	4	0.8 m/min	1.6 m/min	1.6 m/min

MODEL	INLET CONNECTION	HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-10T-AT10S	1" BSP	71 l/sec	40 l/sec	8 m/min
TMH-15T-AT15S	1" BSP	71 l/sec	40 l/sec	6.8 m/min
TMH-20-AT25S	1" BSP	71 l/sec	40 l/sec	4 m/min

MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-10T-AT10S	110	300	310 kg	11.4 kg	1503-31
TMH-15T-AT15S	110	300	610 kg	17.1 kg	1504-28
TMH-20-AT25S	130	320	770 kg	22.8 kg	1505-32

AT_S = STANDARD AT_ATX = ATEX

RED ROOSTER LIFTING LIMITED

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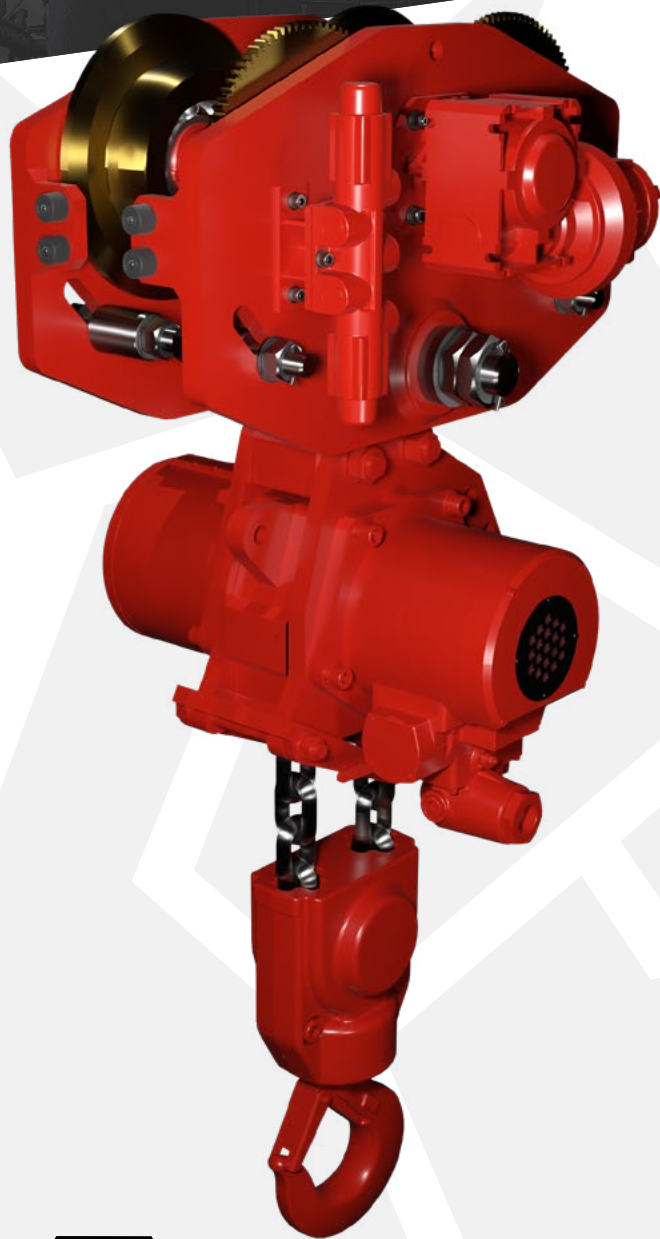
TMH SERIES | 25 TO 30 TONNE AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH** series is a chain hoist 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. 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 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm 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**

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TMH SERIES | 25 TO 30 TONNE AIR HOIST & TROLLEYS

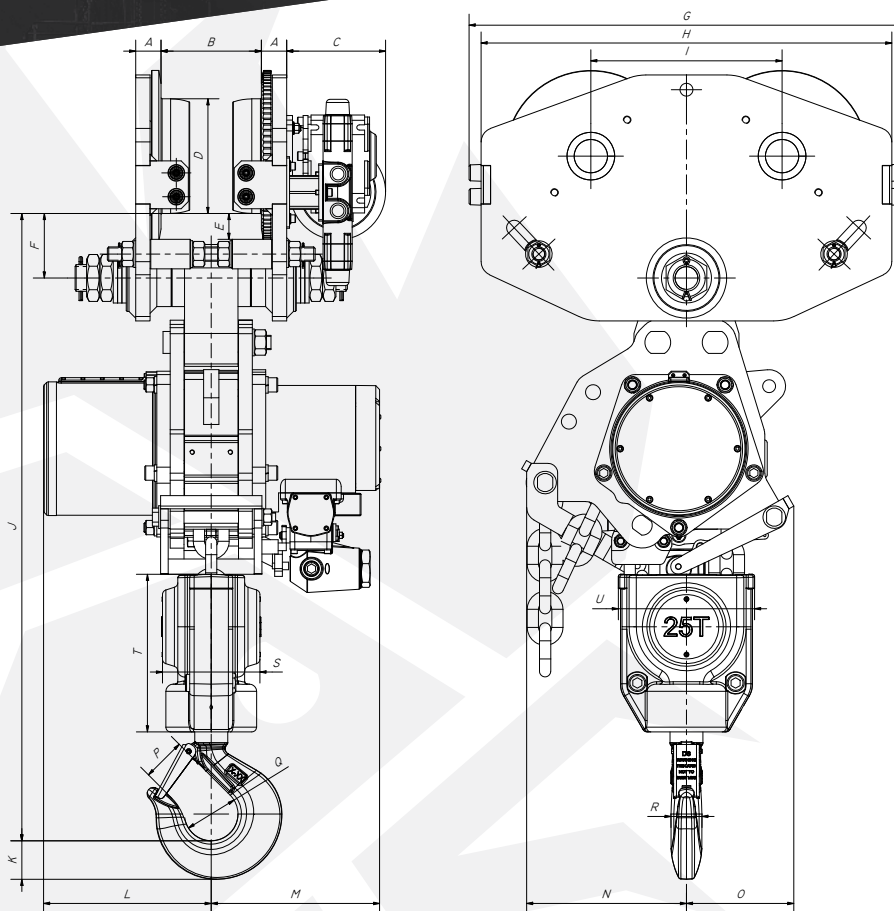


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TMH-25T-AT25S	53	TBC	207	240	54	135	910	860	400	1300	90	325	356	335	225	71	100	82	205	330	285
TMH-30T-AT30S	53	TBC	207	240	54	135	910	860	400	1300	90	325	356	335	225	71	100	82	205	330	285

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-25T-AT25S	25000 kg	2	1.4 m/min	2.7 m/min	3.0 m/min
TMH-30T-AT30S	30000 kg	2	1.0 m/min	2.7 m/min	2.7 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-25T-AT25S	1" BSP		180 l/sec	40 l/sec	6.8 m/min
TMH-30T-AT30S	1" BSP		180 l/sec	40 l/sec	6 m/min
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-25T-AT25S	130	260	1000 kg	24.4 kg	1505-28
TMH-30T-AT30S	130	260	1000 kg	24.4 kg	1505-29

AT_S = STANDARD AT_ATX = ATEX

RED ROOSTER LIFTING LIMITED

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TMH SERIES | 37.5 TO 45 TONNE AIR HOIST & TROLLEYS

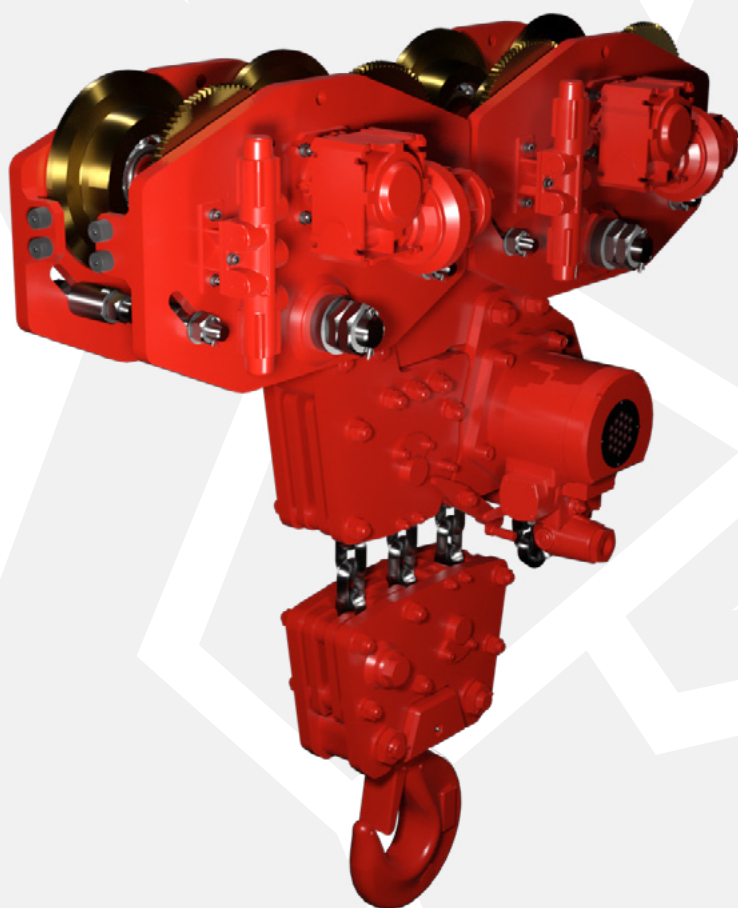


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH** series is a chain hoist 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. 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 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm 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
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TMH SERIES | 37.5 TO 45 TONNE AIR HOIST & TROLLEYS

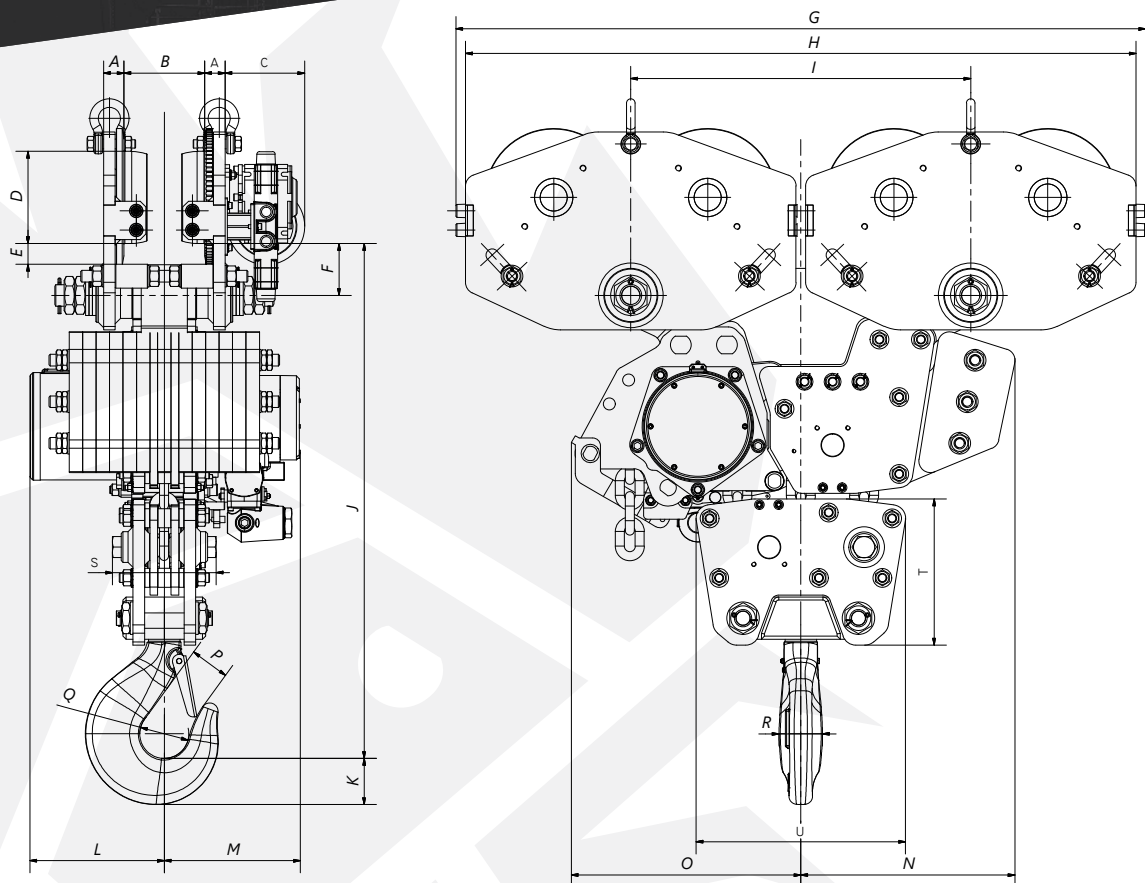


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TMH-37.5T-AT37.5-2S	53	TBC	207	240	55	135	1795	1745	885	1340	120	351	355	595	558	90	125	114	270	380	545
TMH-45T-AT45-2S	53	TBC	207	240	55	135	1795	1745	885	1340	120	351	355	595	558	90	125	114	270	380	545

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-37.5T-AT37.5-2S	37500 kg	3	0.9 m/min	1.8 m/min	2.0 m/min
TMH-45T-AT45-2S	45000 kg	3	0.65 m/min	1.8 m/min	1.8 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-37.5T-AT37.5-2S	1 1/2" BSP		180 l/sec	80 l/sec	6 m/min
TMH-45T-AT45-2S	1 1/2" BSP		166 l/sec	80 l/sec	6 m/min
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-37.5T-AT37.5-2S	130	320	1727 kg	36.6 kg	1582-00
TMH-45T-AT45-2S	130	320	1727 kg	36.6 kg	1582-00

AT_S = STANDARD AT_ATX = ATEX

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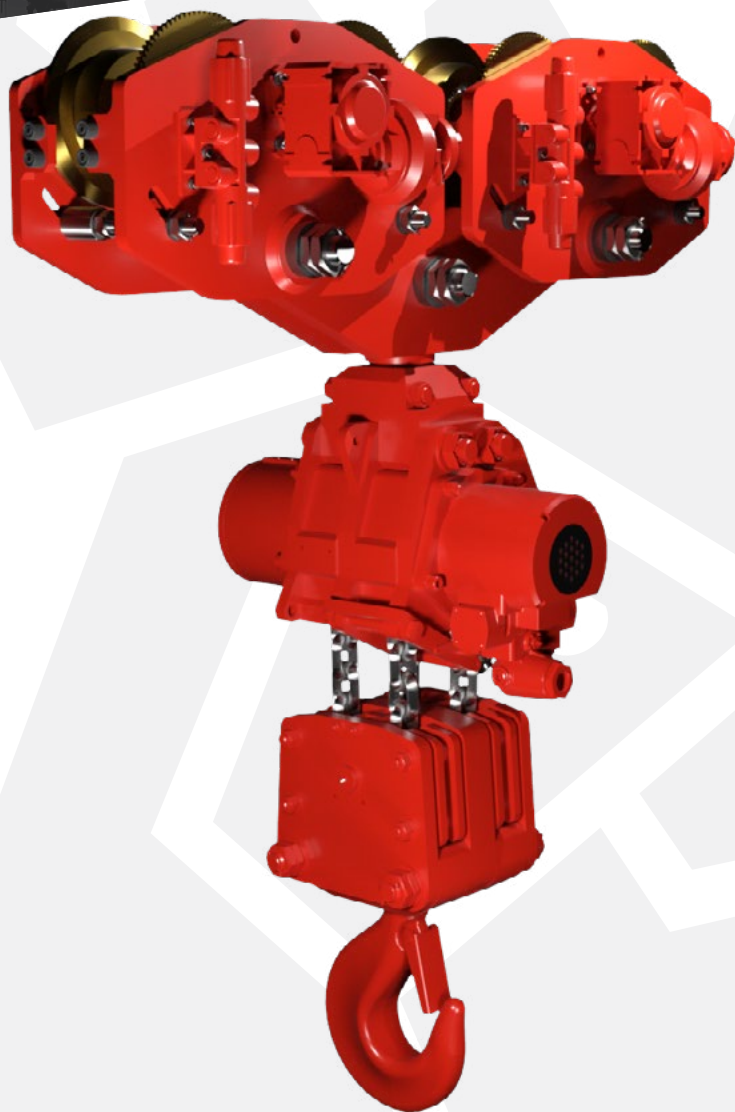
TMH SERIES | 50 TO 60 TONNE AIR HOIST & TROLLEYS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH** series is a chain hoist 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. 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 82 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain 23.5 x 66mm 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
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TMH SERIES | 50 TO 60 TONNE AIR HOIST & TROLLEYS

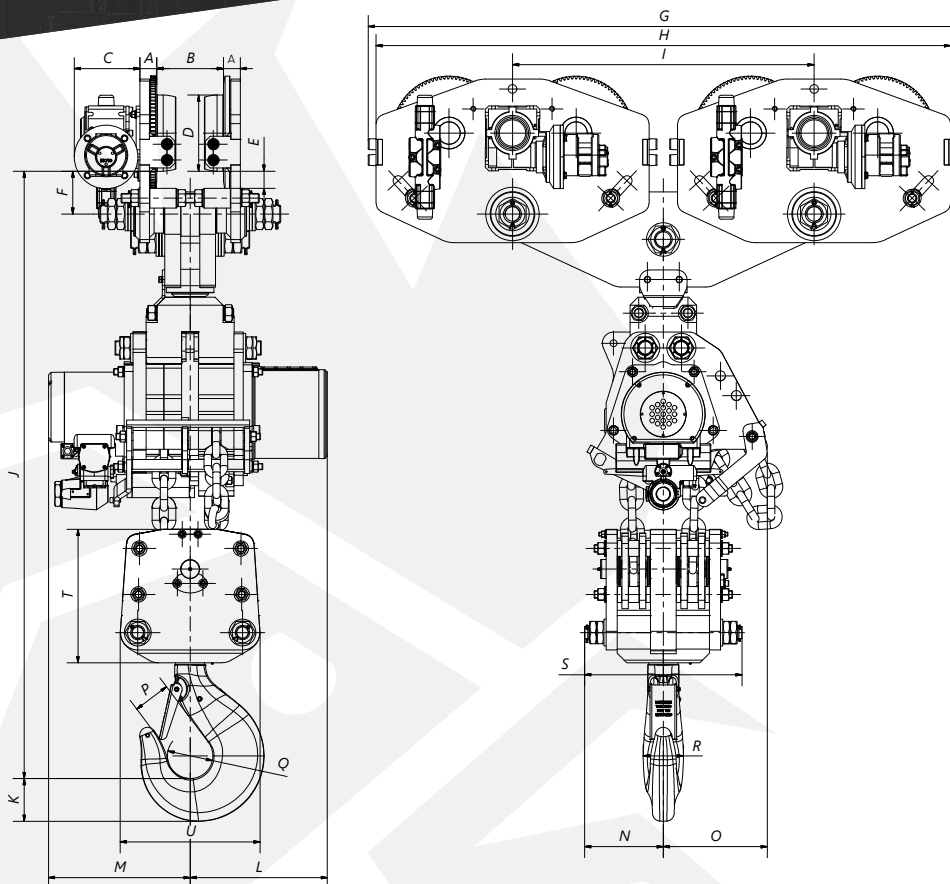


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TMH-50T-AT50-2S	53	TBC	207	240	54	135	1860	1810	950	1835	132	432	446	327	248	100	140	125	496	420	440
TMH-60T-AT60-2S	53	TBC	207	240	54	135	1860	1810	950	1835	132	432	446	327	248	100	140	125	496	420	440

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-50T-AT50-2S	50000 kg	4	0.7 m/min	1.3 m/min	1.5 m/min
TMH-60T-AT60-2S	60000 kg	4	0.5 m/min	1.3 m/min	1.3 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-50T-AT50-2S	1 1/2" BSP		180 l/sec	80 l/sec	4 m/min
TMH-60T-AT60-2S	1 1/2" BSP		180 l/sec	80 l/sec	4 m/min
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-50T-AT50-2S	205	320	2300 kg	48.8 kg	1596-00
TMH-60T-AT60-2S	205	320	2300 kg	48.8 kg	1596-00

AT_-2S = STANDARD AT_-2-ATX = ATEX

RED ROOSTER LIFTING LIMITED

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Low Headroom Air Hoists & Trolleys

TCR-LHR | 500 TO 1000 KG LOW HEADROOM AIR HOISTS

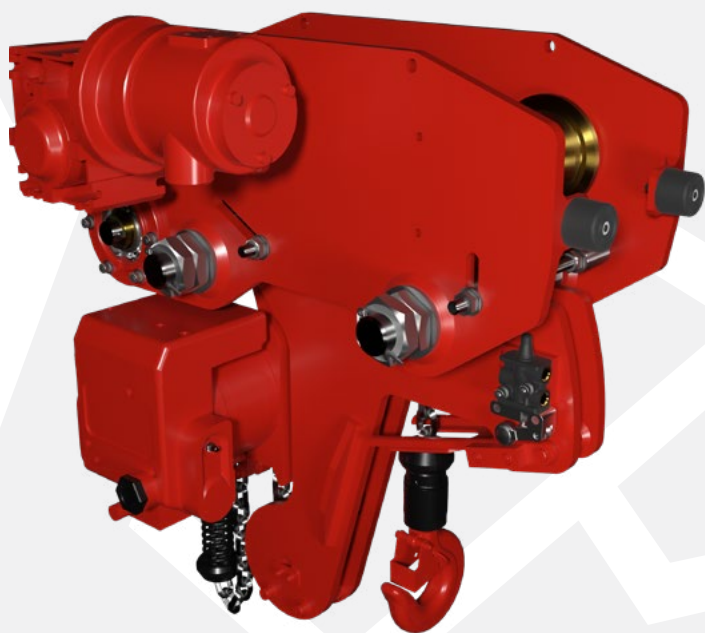


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR-LHR** is a low headroom 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 hoists offers 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
- 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 EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Collision bumpers
- UK Ex scheme or ATEX zone 1 specification
- Articulated trolleys
- Rack & pinion drive
- Travel limits
- Air Service units
- Festoon systems
- Radio control remote
- Main air shut off valve
- Special paint systems
- Beam brake
- Other travel speeds



**UK EX SCHEME ZONE 2
ATEX ZONE 2
AS STANDARD**

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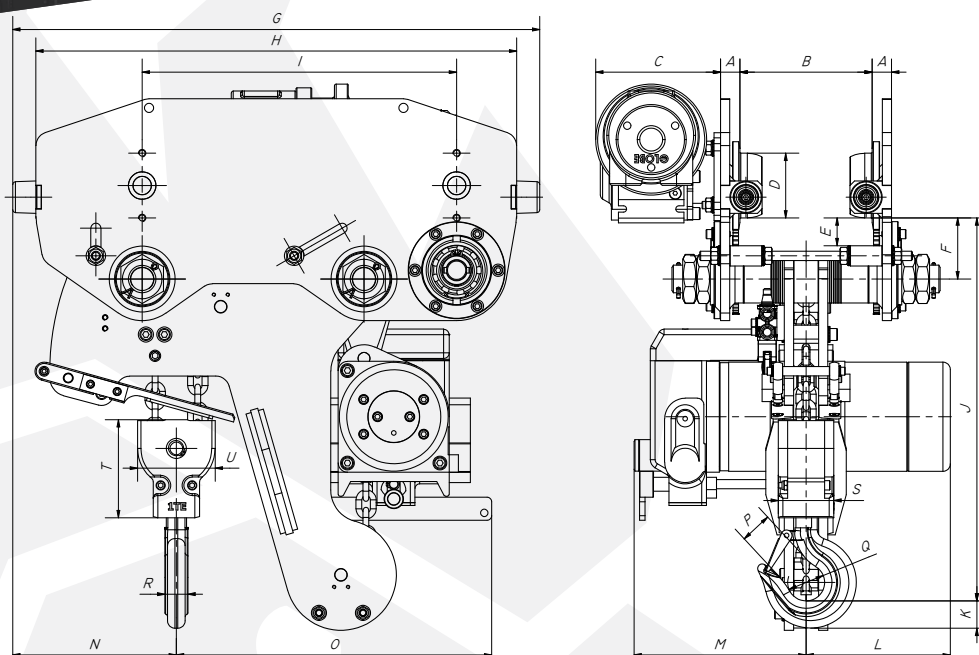
TCR-LHR | 500 TO 1000 KG LOW HEADROOM AIR HOISTS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	HØ	I	J	K
TCR-500-LHR	21	TBC	135	70	30 max	66	570	520	340	390	30
TCR-1000/2-LHR	21	TBC	135	70	30 max	66	570	520	340	375	30
MODEL	L	M	N	O	P	QØ	R	S	T	U	
TCR-500-LHR	156	186	200	295	30	40	25	40	100	40	
TCR-1000/2-LHR	156	186	177	341	30	40	25	60	106	84	

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-500-LHR	500 kg	1	10.5 m/min	16.0 m/min	17.9 m/min
TCR-1000/2-LHR	1000 kg	2	5.3 m/min	9.5 m/min	9.0 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TCR-500-LHR	1/2" BSP		25 l/sec	25 l/sec	9.0 m/min
TCR-1000/2-LHR	1/2" BSP		25 l/sec	25 l/sec	9.0 m/min
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCR-500-LHR	60	300	85 kg	0.8 kg	1542-00
TCR-1000/2-LHR	60	300	90 kg	1.6 kg	1540-00

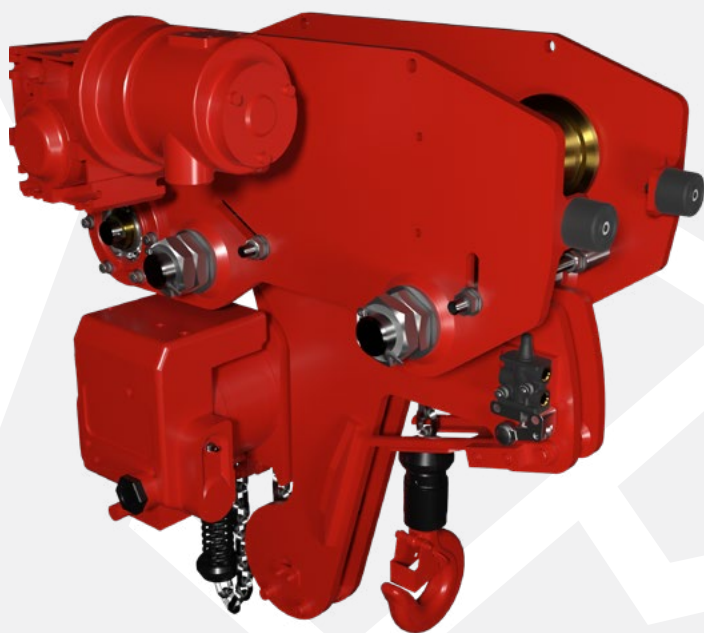
TCR-LHR | 1 TO 2 TONNE LOW HEADROOM AIR HOISTS



**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TCR-LHR** is a low headroom 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 hoists offers 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
- 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 EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Collision bumpers
- UK Ex scheme or ATEX zone 1 specification
- Articulated trolleys
- Rack & pinion drive
- Travel limits
- Air Service units
- Festoon systems
- Radio control remote
- Main air shut off valve
- Special paint systems
- Beam brake
- Other travel speeds



**UK EX SCHEME ZONE 2
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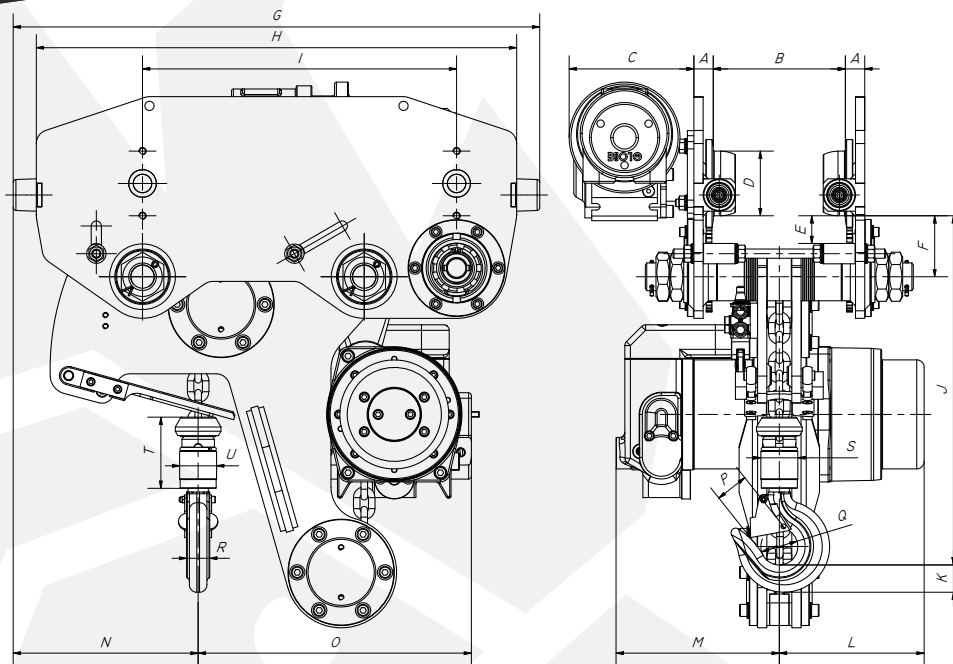
TCR-LHR | 1 TO 2 TONNE LOW HEADROOM AIR HOISTS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	HØ	I	J	K
TCR-1000-LHR	21	TBC	135	70	30 max	66	570	520	340	340	30
TCR-2000-LHR	21	TBC	135	70	30 max	66	570	520	340	390	40
MODEL	L	M	N	O	P	QØ	R	S	T	U	
TCR-1000-LHR	157	177	200	296	30	40	25	46	100	46	
TCR-2000-LHR	160	175	178	320	28	40	30	70	127	106	

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TCR-1000-LHR	1000 kg	1	6.0 m/min	11.3 m/min	10.3 m/min
TCR-2000/2-LHR	2000 kg	2	3.0 m/min	5.7 m/min	5.2 m/min
MODEL	INLET CONNECTION	HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED	
TCR-1000-LHR	1/2" BSP	25 l/sec	25 l/sec	9.0 m/min	
TCR-2000/2-LHR	1/2" BSP	25 l/sec	25 l/sec	9.0 m/min	
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TCR-1000-LHR	60	300	90 kg	1.1 kg	1553-00
TCR-2000/2-LHR	60	300	105 kg	2.2 kg	1525-00

TMH-LHR | 3 TO 6 TONNE LOW HEADROOM AIR HOISTS

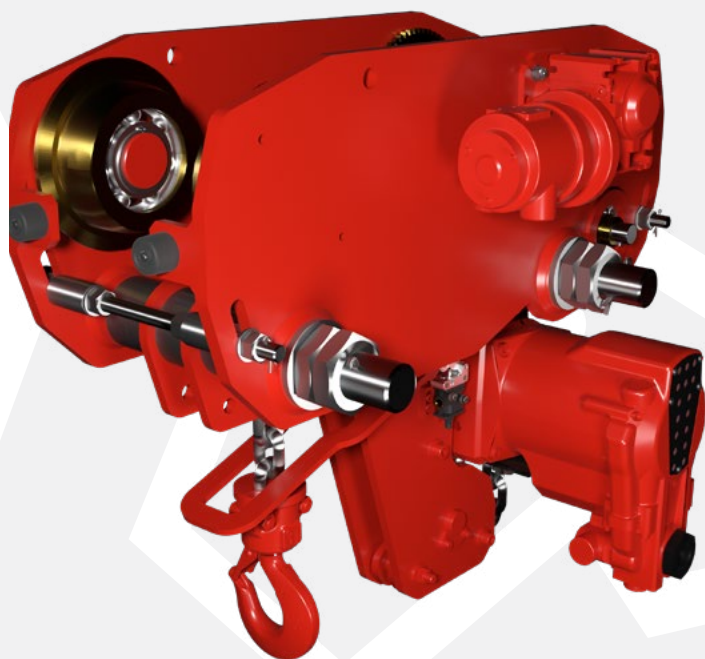


**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **TMH-LHR** is a low headroom 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
- Upper & lower limit switches
- Cast steel housing
- Internal silencing down to 80 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain of European manufacture EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Collision bumpers
- UK Ex scheme or ATEX zone 1 specification
- Articulated trolleys
- Rack & pinion drive
- Travel limits
- Air Service units
- Festoon systems
- Radio control remote
- Main air shut off valve
- Special paint systems
- Beam brake
- Other travel speeds



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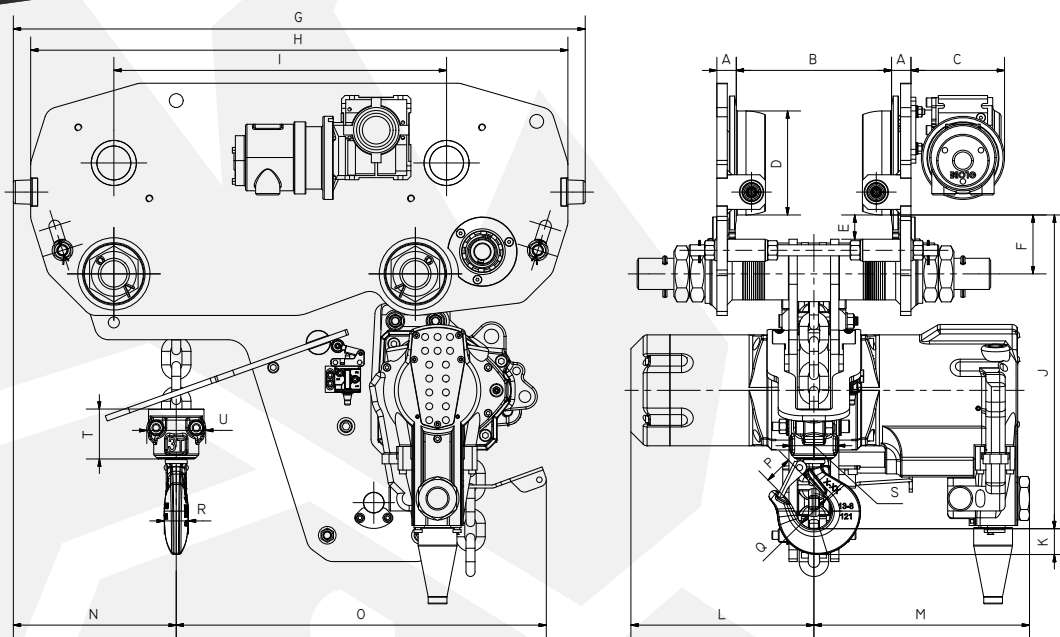
TMH-LHR | 3 TO 6 TONNE LOW HEADROOM AIR HOISTS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
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MODEL	A	B	C	DØ	E	F	G	HØ	I	J	K
TMH-3000-LHR	28	TBC	135	150	35 max	85	825	775	480	360	37
TMH-6000/2-LHR	28	TBC	135	150	35 max	85	825	775	480	505	49
MODEL	L	M	N	O	P	QØ	R	S	T	U	
TMH-3000-LHR	264	311	235	534	41	51	35	80	72	85	
TMH-6000/2-LHR	264	311	190	579	52	63	37	127	191	173	

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-3000-LHR	3000 kg	1	5.4 m/min	10.8 m/min	10.2 m/min
TMH-6000/2-LHR	6000 kg	2	2.7 m/min	5.4 m/min	5.1 m/min
MODEL	INLET CONNECTION		HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-3000-LHR	1" BSP		56 l/sec	25 l/sec	6.0 m/min
TMH-6000/2-LHR	1" BSP		56 l/sec	25 l/sec	6.0 m/min
MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-3000-LHR	110	300	275 kg	3.8 kg	1572-00
TMH-6000/2-LHR	110	300	300 kg	7.6 kg	1573-00



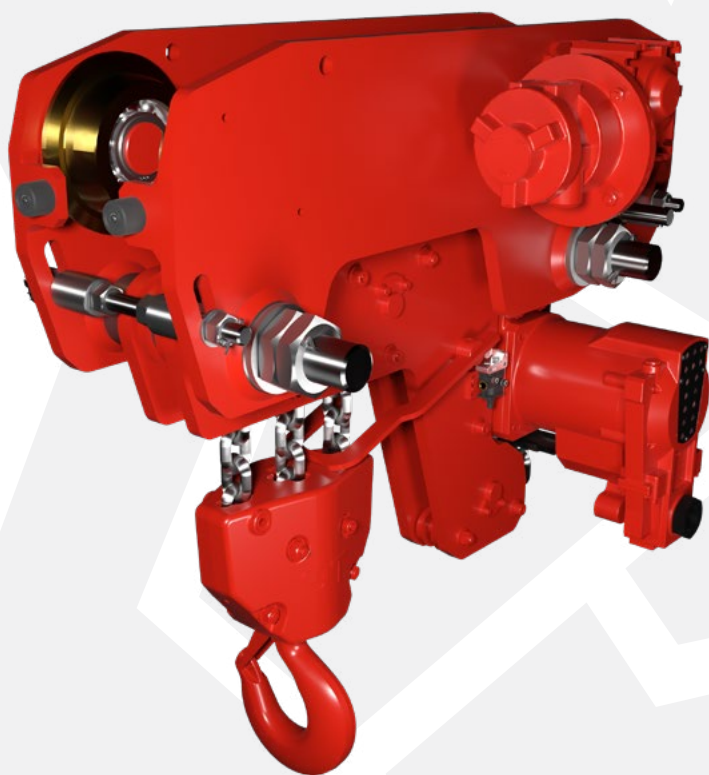
**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

TMH-LHR | 9 TO 15 TONNE LOW HEADROOM AIR HOISTS

The **TMH-LHR** is a low headroom 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. 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
- Upper & lower limit switches
- Cast steel housing
- Internal silencing down to 80 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain of European manufacture EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Collision bumpers
- UK Ex scheme or ATEX zone 1 specification
- Articulated trolleys
- Rack & pinion drive
- Travel limits
- Air Service units
- Festoon systems
- Radio control remote
- Main air shut off valve
- Special paint systems
- Beam brake
- Other travel speeds



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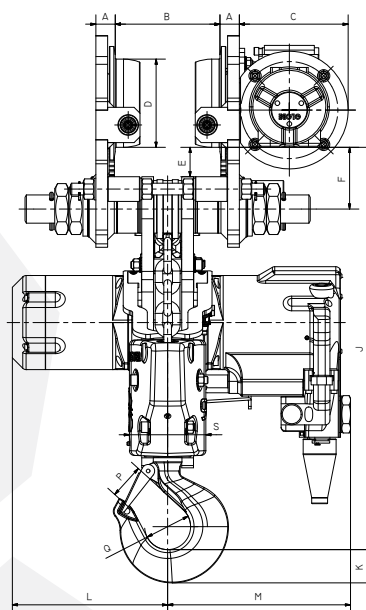
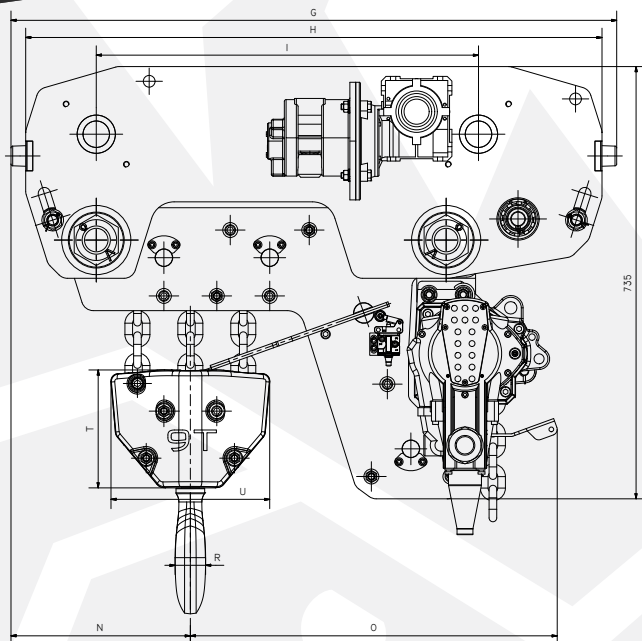
TMH-LHR | 9 TO 15 TONNE LOW HEADROOM AIR HOISTS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
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MODEL	A	B	C	DØ	E	F	G	HØ	I	J	K
TMH-9000/3-LHR	33	TBC	185	150	50 max	105	1030	980	650	565	60
TMH-12000/4-LHR	33	TBC	185	150	50 max	105	1030	980	650	600	67
TMH-15000/5-LHR	40	TBC	194	180	50 max	105	1065	1015	645	620	67

MODEL	L	M	N	O	P	QØ	R	S	T	U
TMH-9000/3-LHR	264	311	305	624	53	75	43	130	200	270
TMH-12000/4-LHR	219	356	350	579	58	84	57	180	200	200
TMH-15000/5-LHR	300	275	303	640	58	84	52	200	220	305

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-9000/3-LHR	9000 kg	3	1.8 m/min	3.6 m/min	3.4 m/min
TMH-12000/4-LHR	12000 kg	4	1.35 m/min	2.7 m/min	2.55 m/min
TMH-15000/5-LHR	15000 kg	5	1.08 m/min	2.16 m/min	2.04 m/min

MODEL	INLET CONNECTION	HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-9000/3-LHR	1" BSP	56 l/sec	25 l/sec	6.0 m/min
TMH-12000/4-LHR	1" BSP	56 l/sec	25 l/sec	6.0 m/min
TMH-15000/5-LHR	1" BSP	56 l/sec	25 l/sec	6.0 m/min

MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-9000/3-LHR	110	300	375 kg	11.4 kg	1574-00
TMH-12000/4-LHR	110	300	400 kg	15.2 kg	1575-00
TMH-15000/5-LHR	110	300	550 kg	19.0 kg	1576-00

RED ROOSTER LIFTING LIMITED

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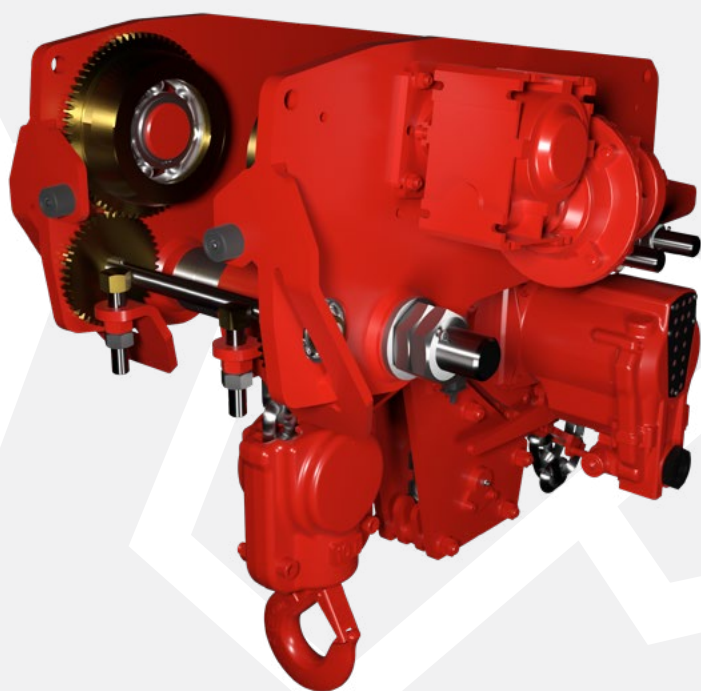
**RED ROOSTER
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RAISING EXPECTATIONS

TMH-LHR | 10 TO 20 TONNE LOW HEADROOM AIR HOISTS

The **TMH-LHR** is a low headroom 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. 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
- Upper & lower limit switches
- Cast steel housing
- Internal silencing down to 80 dB(A)
- Alloy safety swivel hooks with safety catch
- Load chain of European manufacture EN818-7
- Automatic load limiter

AVAILABLE OPTIONS

- Marine specification
- Collision bumpers
- UK Ex scheme or ATEX zone 1 specification
- Articulated trolleys
- Rack & pinion drive
- Travel limits
- Air Service units
- Festoon systems
- Radio control remote
- Main air shut off valve
- Special paint systems
- Beam brake
- Other travel speeds



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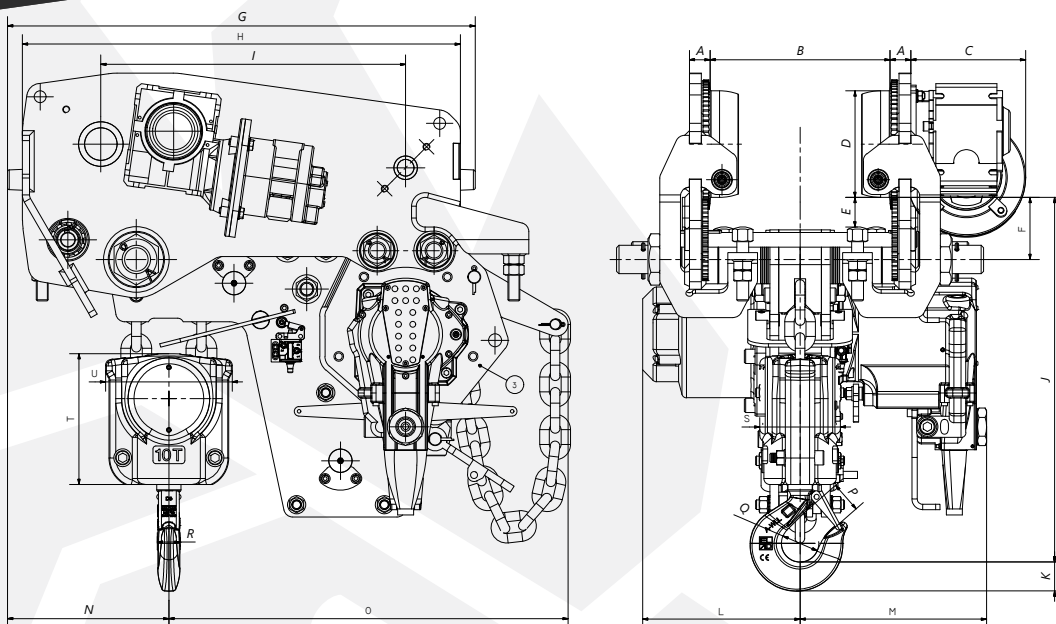
TMH-LHR | 10 TO 20 TONNE LOW HEADROOM AIR HOISTS

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

DIMENSIONS

All measurements are in mm
Information subject to change without notice



MODEL	A	B	C	DØ	E	F	G	H	I	J	K
TMH-10T-LHR	35	TBC	194	180	50	105	790	740	515	560	65
TMH-15T-LHR	48	TBC	207	225	50	130	1040	990	690	646	67
TMH-20T-LHR	40	TBC	194	180	55	135	1070	1020	630	695	80

MODEL	L	M	N	O	P	QØ	R	S	T	U
TMH-10T-LHR	266	315	273	675	45	60	35	136	221	214
TMH-15T-LHR	274	308	435	605	58	84	52	160	220	360
TMH-20T-LHR	321	260	515	555	78	110	64	315	265	246

MODEL	WLL	CHAIN FALLS	LIFTING SPEED WITH LOAD	LIFTING SPEED WITHOUT LOAD	LOWERING SPEED WITH LOAD
TMH-10T-LHR	10000 kg	2	1.6 m/min	3.3 m/min	3.2 m/min
TMH-15T-LHR	15000 kg	3	1.05 m/min	2.2 m/min	2.1 m/min
TMH-20T-LHR	20000 kg	4	0.8 m/min	1.6 m/min	1.6 m/min

MODEL	INLET CONNECTION	HOIST AIR CONSUMPTION	TROLLEY AIR CONSUMPTION	TRAVEL SPEED
TMH-10T-LHR	1" BSP	71 l/sec	40 l/sec	8.0 m/min
TMH-15T-LHR	1" BSP	71 l/sec	40 l/sec	6.8 m/min
TMH-20T-LHR	1" BSP	71 l/sec	40 l/sec	6.0 m/min

MODEL	FLANGE MIN	FLANGE MAX	WEIGHT WITH 3M HOL	ADDITIONAL METRE HOL	G.A. DRAWING
TMH-10T-LHR	160	300	465 kg	11.4 kg	1592-00
TMH-15T-LHR	145	300	675 kg	17.1 kg	1593-00
TMH-20T-LHR	110	300	610 kg	22.8 kg	1594-00

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30 YEARS OF RAISING EXPECTATIONS

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