

RED ROOSTER OIL FREE PNEUMATIC HOISTS

HIGHEST LIFTING SPEED FOR THIS CLASS

www.rami-yokota.com



These new air hoists
are suitable for food,
chemical, pharmaceutical
and painting industries
where a clean environment
is required.

RED ROOSTER PNEUMATIC HOISTS COMPLY WITH THE
EUROPEAN MACHINERY DIRECTIVE AND ARE CE MARKED



Besides industrial use
also very suitable for
"Material Handling"

OIL FREE HIGH SPEED HOISTS

TCS-500LF | TCS-980/LF2



TCS-500LF | TCS-980/LF2

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.

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
- High quality RUD hoist chain
- Supplied with a filter / regulator

AVAILABLE OPTIONS:

- Paint systems for C5 Marine
- Offshore Zone 1 & 2 ATEX certification
- Pendant / cord control systems
- Chain collectors
- Hook or clevis options
- Air supply systems and valves
- Piped away exhaust air

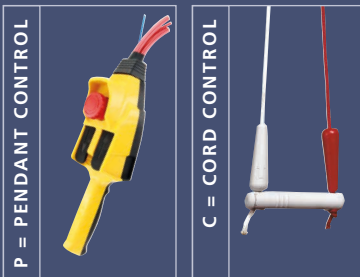
Model*	WLL	Lifting speed with load	Lifting speed without load	Lowering speed with load
TCS-500LFC TCS-500LFPE	500 kg	13 m/min	24 m/min	24 m/min
TCS-980LFC2 TCS-980LFP2E	980 kg	6,5 m/min	12 m/min	12 m/min

Model*	Air consumption lifting	Air consumption lowering	Air connection	Minimum hose diam
TCS-500LFC TCS-500LFPE	26 l/sec	30	1/2" PT	1/2"
TCS-980LFC2 TCS-980LFP2E	26 l/sec	30	1/2" PT	1/2"

Model*	Air pressure	Weight with 3m hol	Additional metre hol	Chain falls
TCS-500LFC TCS-500LFPE	0,4-0,63 MPa	19 kg	0,8 kg	1 (6,3 x 19,1 mm)
TCS-980LFC2 TCS-980LFP2E	0,4-0,63 MPa	24 kg	1,6 kg	2 (6,3 x 19,1 mm)

*C = Cord control / P = Pendant control

RECOMMENDED SMC AIR TREATMENT UNIT:
AW40-F04-B



ATEX MARKING	STANDARD ATEX: II 3 GD c IIA T4
	Optional ATEX: II 2 GD c IIB T4 II 2 GD c IIC T4
	----- FROM OCTOBER 2019 -----
	STANDARD ATEX: GAS: II 3G Ex h IIA T4 Gc DUST: II 3D Ex h IIIA 135°C Dc
	Optional ATEX: GAS: II 2G Ex h IIB T4 Gb DUST: II 2D Ex h IIIB 135°C Db
	GAS: II 2G Ex h IIC T4 Gb DUST: II 2D Ex h IIIC 135°C Db

*Heavy duty range of
hoists for the most
demanding applications*



TCS-500LF | TCS-980/LF2

OIL FREE HIGH SPEED HOISTS & TROLLEYS

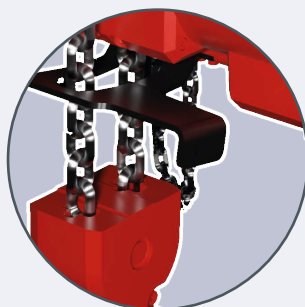
TCS-500LF | TCS-980/LF2

The RED ROOSTER range of lubrication free air trolleys is available from 500 kg 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.

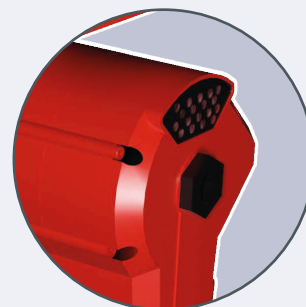
RED ROOSTER are also introducing smaller capacity lubrication free TCS air hoists which are available in 500 and 980 kg capacities. The TCS-LF series of air hoists are lightweight and have a fast lifting speed.

ADDITIONAL INFORMATION:

- For specific maintenance instructions please check the manual or contact us
- 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



EXHAUST INSTALLATION

New exhaust cover design for easy maintenance and 1,2" PT threaded port for piped away exhaust

Heavy duty range of
hoists for the most
demanding applications

OIL FREE TMH-SERIES

TMH-3000LF | TMH-6000LF2 | TMH-9000LF3
TMH-12000LF4 | TMH-15000LF5

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.

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
- High quality RUD hoist chain
- Supplied with a filter / regulator

AVAILABLE OPTIONS:

- Paint systems for C5 Marine
- Offshore Zone 1 & 2 ATEX certification
- Pendant / cord control systems
- Chain collectors
- Hook or clevis options
- Air supply systems and valves
- Piped away exhaust air

Model*	WLL	Lifting speed with load	Lifting speed without load	Lowering speed with load
TMH-3000LFC TMH-3000LFPE	3.000 kg	3,1 m/min	6,4 m/min	5,7 m/min
TMH-6000LFC2 TMH-6000LFP2E	6.000 kg	1,6 m/min	3,2 m/min	2,8 m/min
TMH-9000LFC3 TMH-9000LFP3E	9.000 kg	1 m/min	2,1 m/min	1,9 m/min
TMH-12000LFC4 TMH-12000LFP4E	12.000 kg	0,8 m/min	1,6 m/min	1,4 m/min
TMH-15000LFC5 TMH-15000LFP5E	15.000 kg	0,6 m/min	1,3 m/min	1,1 m/min

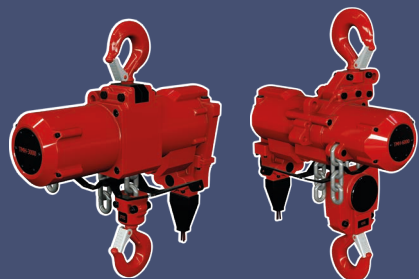
Model*	Air consumption lifting	Air consumption lowering	Air connection	Minimum hose diam
TMH-3000LFC TMH-3000LFPE	51 l/sec	61 l/sec	1" PT	3/4"
TMH-6000LFC2 TMH-6000LFP2E	51 l/sec	61 l/sec	1" PT	3/4"
TMH-9000LFC3 TMH-9000LFP3E	51 l/sec	61 l/sec	1" PT	3/4"
TMH-12000LFC4 TMH-12000LFP4E	51 l/sec	61 l/sec	1" PT	3/4"
TMH-15000LFC5 TMH-15000LFP5E	51 l/sec	61 l/sec	1" PT	3/4"

Model*	Air pressure	Weight with 3m hol	Additional metre hol	Chain falls
TMH-3000LFC TMH-3000LFPE	0,4 - 0,63 MPa	99	3,8 kg	1 (13 x 36 mm)
TMH-6000LFC2 TMH-6000LFP2E	0,4 - 0,63 MPa	124	7,6 kg	2 (13 x 36 mm)
TMH-9000LFC3 TMH-9000LFP3E	0,4 - 0,63 MPa	170	11,4 kg	3 (13 x 36 mm)
TMH-12000LFC4 TMH-12000LFP4E	0,4 - 0,63 MPa	190	15,2 kg	4 (13 x 36 mm)
TMH-15000LFC5 TMH-15000LFP5E	0,4 - 0,63 MPa	280	19 kg	5 (13 x 36 mm)

*C = Cord control / P = Pendant control

RECOMMENDED SMC AIR TREATMENT UNIT:

AW60-F10-B



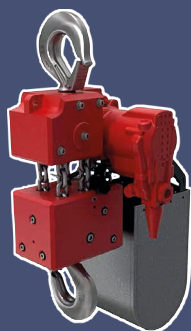
TMH-3000LF

TMH-6000LF2



TMH-9000/3

TMH-12000LF2



TMH-15000/5



P = PENDANT CONTROL

C = CORD CONTROL

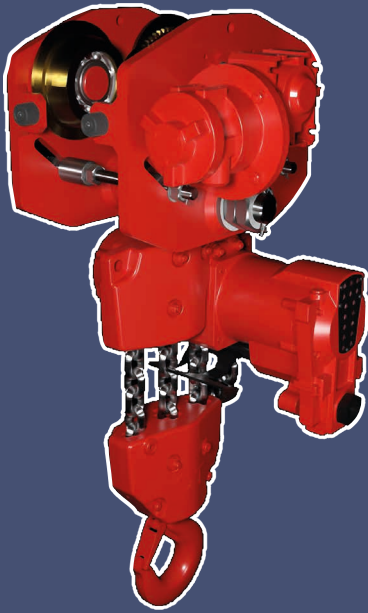


ATEX MARKING



FOR ATEX MARKING
SEE PAGE 2.

*Heavy duty range of
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OIL FREE TMH-SERIES HOISTS & TROLLEYS

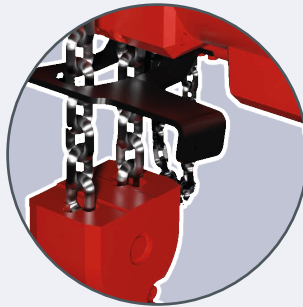
TMH-3000LF | TMH-6000LF2 | TMH-9000LF3
TMH-12000LF4 | TMH-15000LF5

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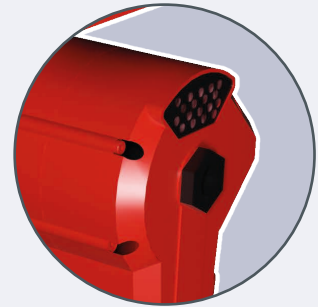
RED ROOSTER look forward to introducing larger capacity lubrication free TMH air hoists from 3 to 15 tonne. The TMH series of air hoists have a high M4 classification guaranteeing the continuity of your process and are designed to operate at full lifting capacity with an air pressure of 0,4-0,63 MPa.

ADDITIONAL INFORMATION:

- For specific maintenance instructions please check the manual or contact us
- The use of an airline lubricator will improve vane lifetime



MECHANICAL LIMIT SWITCH



EXHAUST INSTALLATION

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