

Besides industrial use
also very suitable for
"Material Handling"



TCS-500LF | TCS-980/LF2



ATEX MARKING

Ex 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

SECTION 4

OIL FREE HIGH SPEED HOISTS

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 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 slack end anchor
- 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-500LPFE	500 kg	13 m/min	24 m/min	24 m/min
TCS-980LFC2 TCS-980LP2E	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-500LPFE	26 l/sec	30	1/2" PT	1/2"
TCS-980LFC2 TCS-980LP2E	26 l/sec	30	1/2" PT	1/2"

Model*	Air pressure	Weight with 3m hol	Additional metre hol	Chain falls
TCS-500LFC TCS-500LPFE	0,4-0,63 MPa	19 kg	0,8 kg	1 (6,3 x 19,1 mm)
TCS-980LFC2 TCS-980LP2E	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

NOTE:

For dimensions of the TCS-500LF and the TCS-980/LF2 see page 14.