



High Speed Hoists Red Rooster TCS-500 / TCS-980

Product information

Highspeed air chain hoist for loads from 500 up to 980 kg.

RED ROOSTER Air Chain Hoists are especially developed for the "Material Handling Industry". For example: warehousing, packaging etc. These hoists have a very high lifting and lowering speed, making them very suitable for applications with long lifting heights.

- Very high lifting and lowering speeds
- Maximum speed adjustable, lifting and lowering speed independent from each other.
- Precise variable speed control (cord - and pendant control).
- Optimum control of the load, very precise positioning.
- Compact and light weight.
- Exhaust hose easy to assemble
- Endstop system
- Air motor is cooled by the exhaust air (internal)
- Cord control or pendant control
- Low noise level
- Aluminum housing

Optional:

- Marine Specification/Corrosion resistant
- Paint systems from C2 - Industrial to C5 - Offshore specification (Red finish as standard. Other RAL colours available on request).
- Choice of pendants.
- Radio control pendant for electro pneumatic controls.
- Control systems.
- Chain collectors (PVC, galvanised or stainless steel).
- Various types of hook or clevis available.
- Air supply systems and valves.
- Air Service unit.
- Piped away exhaust air.
- In house design for "specials".
- Festoon systems.
- Main air shut off valve.

ATEX:

- According to EC Directive 94/9/EC (Ex Classification)

Recommended:

We strongly recommend using an air handling unit, e.g. from SMC (offered separately).

Features: Very high lifting and lowering speeds.

Part code	Code	WLL	Number	Air	Air	Lifting	Lowering	Air	Working	Lifting	Min.	Load	A	B	C	D	E	F	G	H	Ø	I	J	X	Z	Weight	Delivery	
		ton	of falls	consumption	consumption	speed	speed with	connection	pressure	speed	Hose	diam.	chain	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	time
				lifting (l/sec)	lowering (l/sec)	with max.load m/min	max.load m/min		bar	without load m/min		mm																
5601TCS500C	TCS-500C	0.5	1	28	33	17	34	1/2"BSPT	6	33	1/2"	6.3x19.1	415	255	13	68	205	163	15	35	22	22	40	210	19	10		
5601TCS500PE	TCS-500PE	0.5	1	28	33	17	34	1/2"BSPT	6	33	1/2"	6.3x19.1	415	255	13	68	205	163	15	35	22	22	40	210	19	10		
5601TCS980C2	TCS-980C2	0.98	2	28	33	8.5	17	1/2"BSPT	6	17	1/2"	6.3x19.1	510	205	123	37	163	205	30	40	29	25	40	225	24	10		
5601TCS980P2E	TCS-980P2E	0.98	2	28	33	8.5	17	1/2"BSPT	6	17	1/2"	6.3x19.1	510	205	123	37	163	205	30	40	29	25	40	225	24	10		

Technical data

Blueprint

