



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 ton | Number of falls | Air consumption lifting (l/sec) | Air consumption lowering (l/sec) | Lifting speed with max.load m/min | Lowering speed with max.load m/min | Air connection | Working pressure bar | Lifting speed without load m/min | Min. Hosediam. | Load chain mm | A | B | C | D | E | F | G | H | Ø | I | J | X | Z | Weight kg | Delivery time |
|-----------|------------|---------|-----------------|---------------------------------|----------------------------------|-----------------------------------|------------------------------------|----------------|----------------------|----------------------------------|----------------|---------------|-----|-----|-----|----|-----|-----|----|----|----|----|----|-----|----|-----------|---------------|
| 0702999 | 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 | 7 | |
| 0702999 | 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 | 7 | |
| 0702999 | 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 | 7 | |
| 0702999 | 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 | 7 | |

Technical data

Blueprint

