



## 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 | Workingpressure 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

