



High Speed Hoists Red Rooster TCS (500 - 980 kg)

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 of falls | Lifting speed without load m/min | 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 | Min. Hosediam. | Load chain | A | B | C | D | E | F | G | H | Ø | I | J | X | Z | Weight kg |
|---------------|------------|------|-----------------|----------------------------------|---------------------------------|----------------------------------|-----------------------------------|------------------------------------|----------------|----------------------|----------------|------------|-----|-----|-----|----|-----|-----|----|----|----|----|----|-----|----|-----------|
| 5601TCS500C | TCS-500C | 0.5 | 1 | 33 | 28 | 33 | 17 | 34 | 1/2"BSPT | 6 | 1/2" | 6.3x19.1 | 415 | 255 | 13 | 68 | 205 | 163 | 15 | 35 | 22 | 22 | 40 | 210 | 19 | |
| 5601TCS500PE | TCS-500PE | 0.5 | 1 | 33 | 28 | 33 | 17 | 34 | 1/2"BSPT | 6 | 1/2" | 6.3x19.1 | 415 | 255 | 13 | 68 | 205 | 163 | 15 | 35 | 22 | 22 | 40 | 210 | 19 | |
| 5601TCS980C2 | TCS-980C2 | 0.98 | 2 | 17 | 28 | 33 | 8.5 | 17 | 1/2"BSPT | 6 | 1/2" | 6.3x19.1 | 510 | 205 | 123 | 37 | 163 | 205 | 30 | 40 | 29 | 25 | 40 | 225 | 24 | |
| 5601TCS980P2E | TCS-980P2E | 0.98 | 2 | 17 | 28 | 33 | 8.5 | 17 | 1/2"BSPT | 6 | 1/2" | 6.3x19.1 | 510 | 205 | 123 | 37 | 163 | 205 | 30 | 40 | 29 | 25 | 40 | 225 | 24 | |

Technical data

Blueprint

