



## Air Hoist Trolley Combination Red Rooster TCR/TCS

### Product information

RED ROOSTER Air Chain Hoist with build on Pneumatic Trolley for loads from 250 up to 2000 kg. The TCR-series are especially developed for heavy industrial use. Robust cast steel body. The TCS-series are high speed hoists especially developed for material handling, with aluminum housing.

#### Standard features:

- Precise variable speed control (cord- and pendant control).
- Optimum control of the load, very precise positioning.
- 4 button pendant control maneuvering both hoist and trolley
- Compact design.
- Endstop system.
- Load limiter built-in without loss of headroom.
- 4-wheel trolley.
- Trolley to suit various flange profiles.
- Wheel profile to suit parallel or tapered flanges.
- Anti-tilt & anti-drop plates.
- Low noise level.
- Air pressure 0,4 - 0,63 MPa (4 - 6,3 Bar).

#### 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).

| Part Code        | WLL ton | Chain falls | Lifting speed without load m/min | Lifting speed with minimum load m/min | hose diam " hose | Air consumption lifting l/sec | A  | B   | C   | D  | Ø  | E  | F  | G   | H   | I   | J   | K  | L  | M   | N   | O    | P  | Q    | R    | S  | Weight kg | Delivery time |
|------------------|---------|-------------|----------------------------------|---------------------------------------|------------------|-------------------------------|----|-----|-----|----|----|----|----|-----|-----|-----|-----|----|----|-----|-----|------|----|------|------|----|-----------|---------------|
| 5601TCR500AT2S   | 0.25    | 1           | 20.5                             | 10.5                                  | 1/2"             | 25                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 525 | 40 | 29 | 156 | 186 | 29.5 | 25 | 113  | 20   | 31 | 30        |               |
| 5601TCR250AT2S   | 0.25    | 1           | 19                               | 9.3                                   | 1/2"             | 15                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 350 | 36 | 22 | 112 | 140 | 15   | 20 | 70   | 22   | 32 | 30        |               |
| 5601TCR5002AT2S  | 0.5     | 2           | 9.5                              | 4.6                                   | 1/2"             | 15                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 390 | 35 | 25 | 112 | 140 | 25   | 18 | 87.5 | 32.5 | 34 | 30        |               |
| 5601TCS500AT2S   | 0.5     | 1           | 33                               | 17                                    | 1/2"             | 28                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 450 | 36 | 22 | 163 | 205 | 15   | 20 | 100  | 18.5 | 41 | 30        |               |
| 5601TCR1000AT2S  | 1       | 1           | 11.3                             | 6                                     | 1/2"             | 25                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 525 | 40 | 29 | 156 | 186 | 29.5 | 25 | 116  | 23   | 34 | 30        |               |
| 5601TCR10002AT2S | 1       | 2           | 9.5                              | 5.3                                   | 1/2"             | 25                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 560 | 40 | 29 | 156 | 186 | 29.5 | 25 | 147  | 42   | 35 | 30        |               |
| 5601TCS9802AT2S  | 1       | 2           | 16                               | 8.5                                   | 1/2"             | 28                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 530 | 40 | 23 | 163 | 205 | 30   | 25 | 123  | 42   | 45 | 30        |               |
| 5601TCR20002AT2S | 2       | 2           | 5.7                              | 3                                     | 1/2"             | 25                            | 21 | TBC | 135 | 70 | 35 | 35 | 71 | 285 | 235 | 112 | 645 | 45 | 29 | 155 | 185 | 37   | 30 | 140  | 55   | 40 | 30        |               |

# Blueprint

