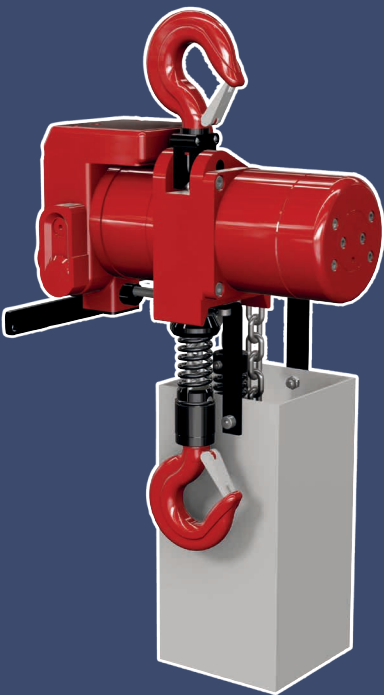


Quality pneumatic hoists  
for industrial and  
offshore applications



TCR-1000

SECTION 2

# PNEUMATIC CHAIN HOISTS

TCR-1000 | TCR-2000/2

These RED ROOSTER Air Chain Hoists are especially developed with a robust cast steel body for heavy industrial use. The valve block is the same for the TCR-600250 - TCR-2000/2, which means: less spare parts required. Standard with load limiter.

STANDARD FEATURES:

- Precise variable speed control
- Optimum control of the load, very precise positioning
- Compact design
- Mechanical endstop system
- Load limiter built-in without loss of headroom
- Cord control or pendant control
- Low noise level (83 dBA)
- Air pressure 0,4 - 0,63 MPa

RECOMMENDED SMC AIR

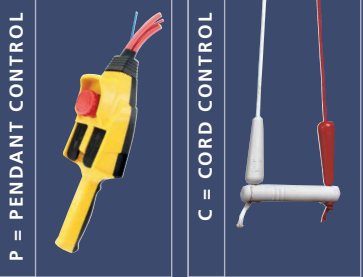
TREATMENT UNIT: AC40-  
F04DM-8-B

| Model*                   | WLL      | Lifting speed<br>with load | Lifting speed<br>without load | Lowering speed<br>with load |
|--------------------------|----------|----------------------------|-------------------------------|-----------------------------|
| TCR-1000C   TCR-1000PE   | 1.000 kg | 6 m/min                    | 11,3 m/min                    | 10,3 m/min                  |
| TCR-2000C2   TCR-2000P2E | 2.000 kg | 3 m/min                    | 5,7 m/min                     | 5,2 m/min                   |

| Model*                   | Air consumption<br>lifting | Air consumption<br>lowering | Air<br>connection | Minimum<br>hose diam |
|--------------------------|----------------------------|-----------------------------|-------------------|----------------------|
| TCR-1000C   TCR-1000PE   | 25 l/sec                   | 28 l/sec                    | 1/2" PT           | 1/2"                 |
| TCR-2000C2   TCR-2000P2E | 25 l/sec                   | 30 l/sec                    | 1/2" PT           | 1/2"                 |

| Model*                   | Air<br>pressure | Weight<br>with 3m hol | Additional<br>metre hol | Chain<br>falls  |
|--------------------------|-----------------|-----------------------|-------------------------|-----------------|
| TCR-1000C   TCR-1000PE   | 0,4 - 0,63 MPa  | 34 kg                 | 1,1 kg                  | 1 (7,1 x 21 mm) |
| TCR-2000C2   TCR-2000P2E | 0,4 - 0,63 MPa  | 39,7 kg               | 2,2 kg                  | 2 (7,1 x 21 mm) |

\*C = Cord control / P = Pendant control



ATEX MARKING

STANDARD ATEX:  
II 3 GD c IIA T4

Optional ATEX:  
II 2 GD c IIB T4  
II 2 GD c IIC T4

FROM OCTOBER 2019

STANDARD ATEX:  
GAS:  
II 3G Ex h IIA T4 Gc  
DUST:  
II 3D Ex h IIIA 135°C Dc

Optional ATEX:  
GAS:  
II 2G Ex h IIB T4 Gb  
DUST:  
II 2D Ex h IIIB 135°C Db

GAS:  
II 2G Ex h IIC T4 Gb  
DUST:  
II 2D Ex h IIIC 135°C Db

DIMENSIONS IN MM

| Model    | A   | B   | C   | D  | E   | F   | G  | HØ | I  | J  | X   | Z   |
|----------|-----|-----|-----|----|-----|-----|----|----|----|----|-----|-----|
| TCR-1000 | 485 | 212 | 116 | 40 | 156 | 186 | 29 | 40 | 29 | 25 | 100 | 250 |
| TCR-2000 | 580 | 212 | 143 | 50 | 156 | 186 | 37 | 45 | 29 | 30 | 100 | 280 |

All measurements are in mm / Information subject to change without notice