



Air Hoist Trolley Combination Red Rooster TCR / TCS series

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 load m/min	minimum 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
16.30TCR-500-AT2S	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	
16.30TCR-250-AT2S	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	
16.30TCR-500/2-AT2S	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	
16.30TCS-500-AT2S	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	
16.30TCR-1000-AT2S	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	
16.30TCR-1000/2-AT2S	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	
16.30TCS-980/2-AT2S	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	
16.30TCR-2000/2-AT2S	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	

Blueprint

