



TCR AIR HOIST SERIES

Features:

Overload protection

Overload protection including auto-stop on all units

Low Noise Level

Unique exhaust design reduces noise level down to 75dBA.

Unsurpassed Inching Capabilities

Excellent inching in both up and down movement and full range of variable speed control.

Ability to raise & lower at speeds down to 1 foot a minute.

Allows loads to be raised and lowered accurately into position.

Automatic Disc Brake

Internal disc brake system, non asbestos, provides instant and positive activation of brake.

Failsafe mechanism ensures load cannot fall as a result of power loss.

Cast Iron Housing provides high strength

Durable in harsh environments.

Air consumption

All TCR models provide smooth, efficient operation and maximum performance with low air consumption. Operation of unit can be achieved with air pressures as low as 0.4MPa (58psi).

Load Tested

All units tested to 125% of rated capacity before delivery and test certificate provided.



TCR-1000C

MODEL	Lifting Capacity	No. of Chain Falls	Lifting Speed				Weight		Min Hook Distance	Chain Dimension	Hose Size
			Load (up)	Air Cons	Load (Down)	Air Cons	Weight with 3M lift chain	W/O Chain			
			m/min	m ³ /min	m/min	m ³ /min	Kg	Kg			
TCR-500C	500	1	10.5	1.5	17.9	1.6	30.1	27	462	6.3×19	12.7
TCR-500P	500	1	10.5	1.5	17.9	1.6	31.1	28	462	6.3×19	12.7
TCR-1000C2	1000	2	5.3	1.5	9	1.6	34.2	28	519	6.3×19	12.7
TCR-1000P2	1000	2	5.3	1.5	9	1.6	35.2	29	519	6.3×19	12.7
TCR-1000C	1000	1	6	1.5	10.3	1.7	32.9	29	466	7.1×21	12.7
TCR-1000P	1000	1	6	1.5	10.3	1.7	33.9	30	466	7.1×21	12.7
TCR-2000C2	2000	2	3	1.5	5.2	1.8	38.7	31	580	7.1×21	12.7
TCR-2000P2	2000	2	3	1.5	5.2	1.8	39.7	32	580	7.1×21	12.7
TCR-3000P	3000	1	2.8	2	4.6	2.6	69	59	563	11.2×34	19
TCR-3000C	3000	1	2.8	2	4.6	2.6	70	60	563	11.2×34	19
TCR-6000C2	6000	2	1.4	2	2.3	2.6	90.2	71	690	11.2×34	19
TCR-6000P2	6000	2	1.4	2	2.3	2.6	91.2	71	690	11.2×34	19

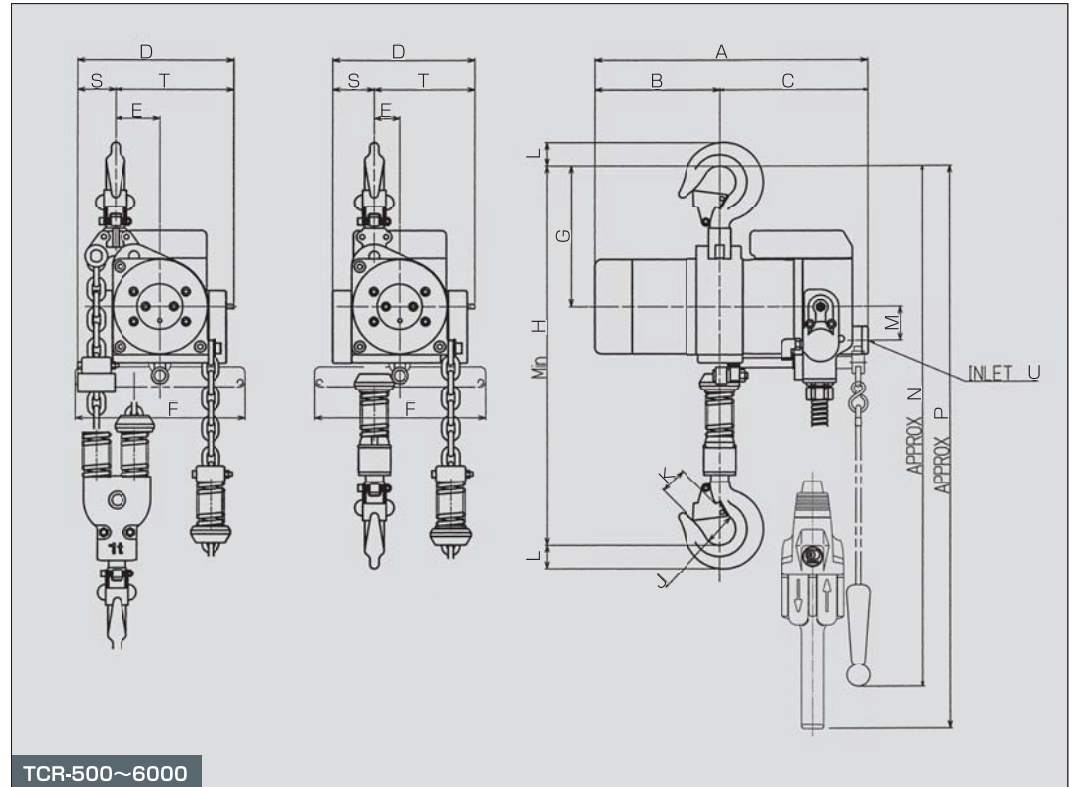
* Operating Air pressure is from 0.4MPa to 0.6MPa.

(500-6000kg) 500kg-6000kg lifting capacity



TCR-2000P2

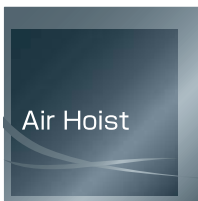
■ External Dimensions



TCR-500~6000

■ Dimensions in mm

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	S	T	U
TCR-500P	342	156	186	149	32	-	177	462	40	29	29	42	-	2520	52	124	Rc1/2
TCR-500PE	342	156	186	149	32	-	177	462	40	29	29	42	-	2620	52	124	Rc1/2
TCR-500C	342	156	186	149	32	212	177	462	40	29	29	42	1860	-	52	124	Rc1/2
TCR-1000P2	342	156	186	180	56	-	177	519	40	92	29	42	-	2520	47	148	Rc1/2
TCR-1000P2E	342	156	186	180	56	-	177	519	40	29	29	42	-	2620	47	148	Rc1/2
TCR-1000C2	342	156	186	180	56	212	177	519	40	29	29	42	1860	-	47	148	Rc1/2
TCR-1000P	342	156	186	157	32	-	177	466	40	29	29	42	-	2520	40	124	Rc1/2
TCR-1000PE	342	156	186	157	32	-	177	466	40	29	29	42	-	2620	40	124	Rc1/2
TCR-1000C	342	156	186	157	32	212	177	466	40	29	29	42	1860	-	40	124	Rc1/2
TCR-2000P2	342	156	186	194	59	-	211	580	45	29	37	42	-	2550	50	152	Rc1/2
TCR-2000P2E	342	156	186	194	59	-	211	580	45	29	37	42	-	2650	50	152	Rc1/2
TCR-2000C2	342	156	186	194	59	212	211	580	45	29	37	42	1890	-	50	152	Rc1/2
TCR-3000P	449	202	247	245	43	-	249	563	50	34	45	42	-	2590	47	176	Rc1/2
TCR-3000PE	449	202	247	245	43	-	249	563	50	34	45	42	-	2690	47	176	Rc1/2
TCR-3000C	449	202	247	245	43	212	249	563	50	34	45	42	1930	-	47	176	Rc1/2
TCR-6000P2	449	202	247	275	87	-	275	690	65	42	49	42	-	2620	63	220	Rc1/2
TCR-6000P2E	449	202	247	275	87	-	275	690	65	42	49	42	-	2720	63	220	Rc1/2
TCR-6000C2	449	202	247	275	87	212	275	690	65	42	49	42	1960	-	63	220	Rc1/2



TMTCR TROLLEY AIR HOIST SERIES

500kg-6000kg lifting capacity

Features:

Beam size

Adjustable for wide range of beam flange widths and applicable for all of our TCR series air hoists.

Cast Iron Housing provides high strength

Durable in harsh environments.

Drive wheels

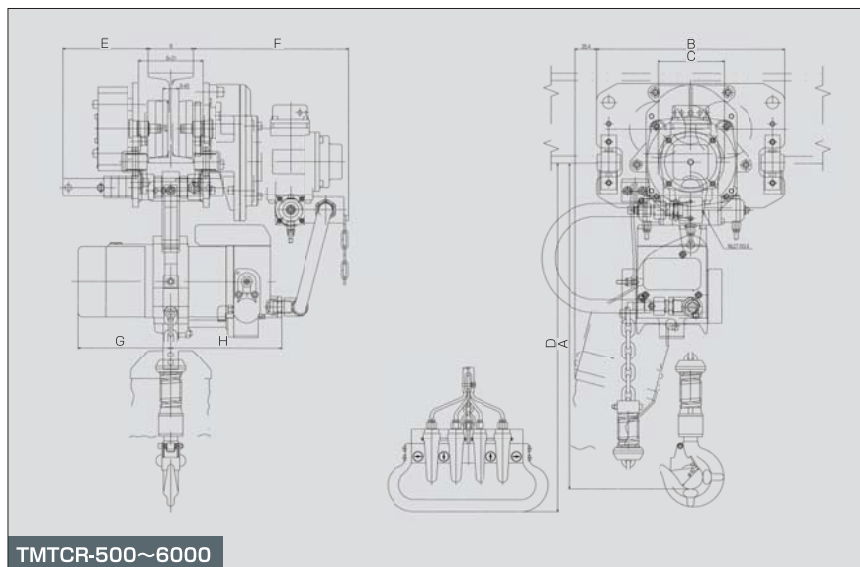
The 4 Flangeless wheels and 2 drive wheels allow low friction and providing excellent performance with fewer wear parts.

Automatic Brake

All units come standard with automatic brake, which do not require preliminary adjustment.

MODEL		TMTCR-500P			TMTCR-1000P2			TMTCR-1000P			TMTCR-2000P2			TMTCR-3000P			TMTCR-6000P2		
TROLLEY MODEL		TMTNC-1			TMTNC-1			TMTNC-1			TMTNC-3			TMTNC-3			TMTNC-6		
Lifting Capacity	Kg	500			1000			1000			2000			3000			6000		
Weight (W/O Chain)	Kg	79			79.5			83			97			125			157.5		
Air Consumption	m ³ /min	1.5			1.5			1.5			1.5			2			2		
Traveling Speed (W/O Load)	m/min	20			20			20			20			20			20		
Applied Beam Size	mm	75	100	125	75	100	125	75	100	125	100	125	150	100	125	150	125	150	175
Min. Radius of Beam	mm	3500	800	800	3500	800	800	3500	800	800	1300	800	800	1300	800	800	2000	2000	2000

External Dimensions



Dimensions in mm

MODEL	A	B	C	D	E	F	G	H
TMTCR-500P	490	315	111	2240	144	261	156	186
TMTCR-1000P2	497	315	111.3	2250	143.7	252.5	156	164.5
TMTCR-1000P	446	315	111.3	2250	143.7	252.5	156	164.5
TMTCR-2000P2	592	340	140	2240	163	266	156	186
TMTCR-3000P	554	340	140	2240	163	266	202	247
TMTCR-6000P2	660	400	156	2240	193	276	202	247

* Operating Air pressure is from 0.4MPa to 0.6MPa.



TMTCR-2000P2

TC AIR HOIST SERIES

1000kg-5000kg lifting capacity

Features:

Compact & Lightweight

Lightest weight in it's class.

Harsh Environments

Manufactured for hard service environment. Reliable in harsh Environments such as heat, dust and humidity.

Cast Iron Housing provides high strength

Durable in harsh environments.

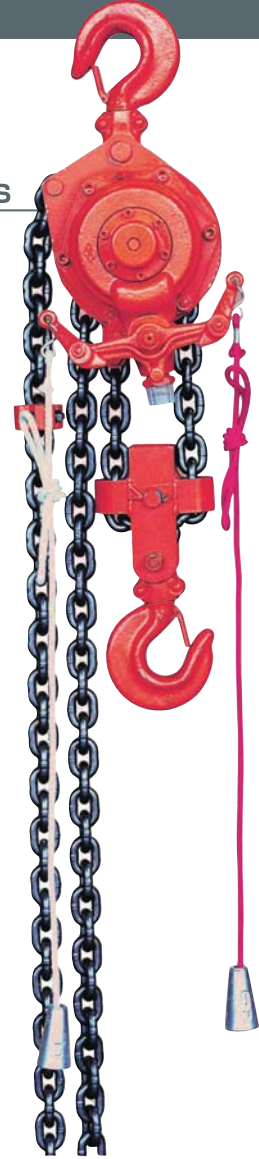
Simple structure

Simple structure provides easy maintenance against a usage in harsh environment.

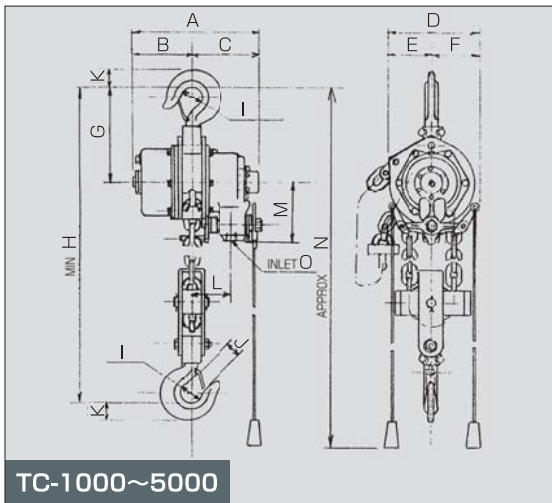
Load Tested

All units tested to 125% of rated capacity before delivery and test certificate provided.

TC-1000KB-S



External Dimensions



Dimensions in mm

MODEL	A	B	C	D	E	F	G	H
TC-1000KB-S	235	103	132	182	70	112	181	450
TC-3000WB-S	299	138	161	204	92	112	234	600
TC-5000WB-S	306	140	166	218	106	112	235	630
MODEL	I	J	K	L	M	N	O	
TC-1000KB-S	40	28	34	66	106	1800	PT1/2	
TC-3000WB-S	45	32	37	84	140	1800	PT3/4	
TC-5000WB-S	50	41	45	89	140	1800	PT3/4	

MODEL	Lifting Capacity Kg	No. of Chain Falls	Lifting Speed				Weight		Min Hook Distance mm	Chain Dimension mm	Hose Size mm
			Load (up) m/min	Air Cons m ³ /min	Load (Down) m/min	Air Cons m ³ /min	Weight with 3M lift chain Kg	W/O Chain Kg			
TC-1000KB-S	1000	2	2.3	1.6	4.2	1.5	22.5	14.3	450	7.5×20.25	12.7
TC-3000WB-S	3000	2	1.6	2.4	2.9	2.7	52.5	34	595	11×27.65	19
TC-5000WB-S	5000	2	1	3.3	2	2.7	67.3	43.4	635	12.7×33.75	19

* Operating Air pressure is from 0.4MPa to 0.6MPa.