

TCR-250 AIR HOIST

Features:

Compact & Lightweight

Rugged lightweight aluminum housing.
Light weight and compact design for ease of movement to different work locations.
Very low headroom expands vertical working space.

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).

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.

Over traveling Limit system

Limit system prevents over traveling of hook in case of an emergency the load hook reaches either the highest or lowest points.
Limit system prevents damage to mechanism

Self Cooling Design

The exhaust is directed over the motor section to keep the unit cool in hot environments.

Load tested

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



Control type

TCR-250C : Cord control

TCR-250DPE : Direct pendant control with emergency button

TCR-250ME : Manipulator type with emergency button

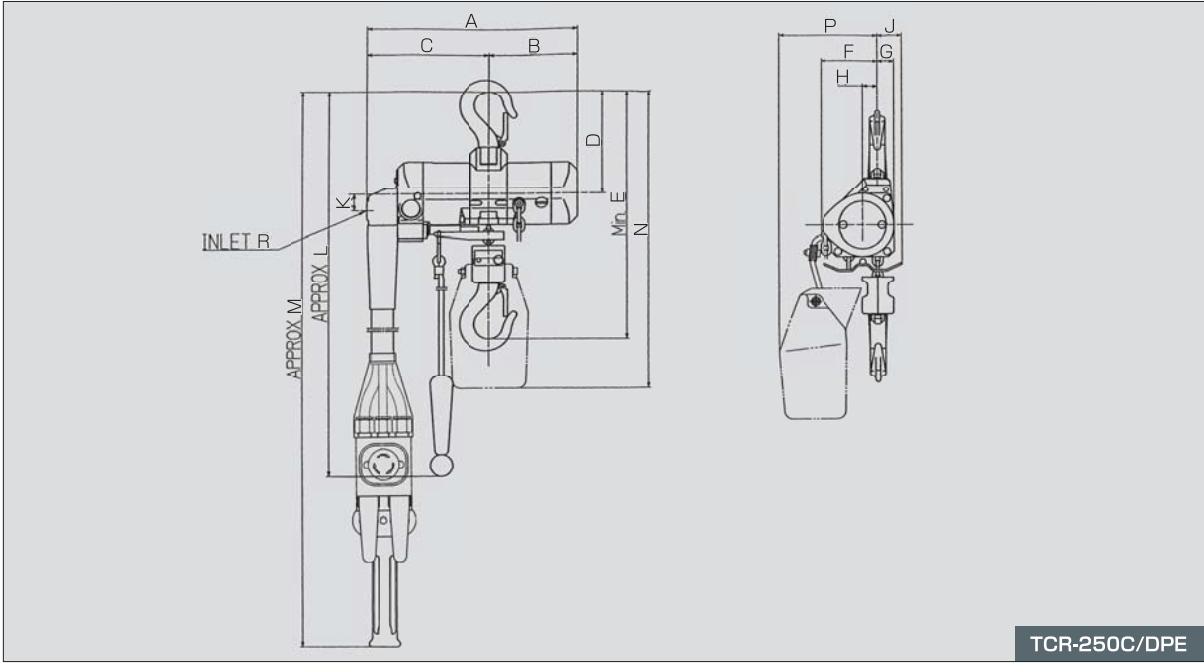
MODEL	Lifting Capacity	No.of Chain Falls	Lifting Speed				Weight		Min Hook Distance	Chain Dimension	Hose Size
			Load (up)	Air Cons	Load (Down)	Air Cons	Weight with 3M lift chain	W/O Chain			
			m/min	m³/min	m/min	m³/min	Kg	Kg			
TCR-250C	250	1	9	0.8	17.4	0.9	7	5.8	305	4×12	9.5
TCR-250DPE	250	1	8.1	0.7	16.5	0.8	8.6	7.4	305	4×12	9.5
TCR-250ME	250	1	8	0.7	16.5	0.8	11	10	837	4×12	9.5

* Standard Lift for all above models is 3m

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

250kg lifting capacity

■ External Dimensions

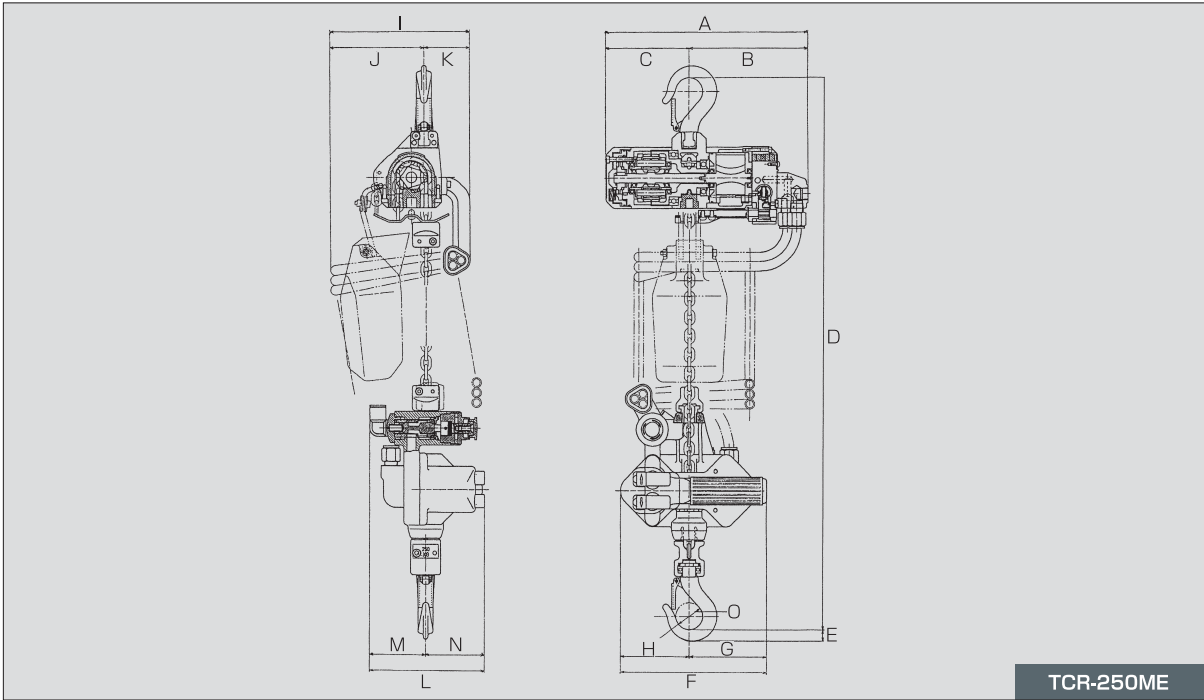


TCR-250C/DPE

■ Dimensions in mm

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
TCR-250C	249	112	137	130	305	71	21	19	33	-	1660	-	375	124	PT3/8
TCR-250DPE W/EMERGENCY	286	112	174	130	305	71	21	19	33	21	-	2310	375	124	PT3/8

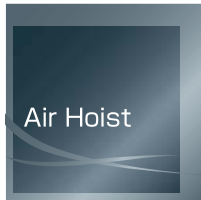
■ External Dimensions



TCR-250ME

■ Dimensions in mm

MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
TCR-250ME	286	174	112	837	15	194	102	92	184	123	61	152	74	78	36



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.



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	m³/min	m/min	m³/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

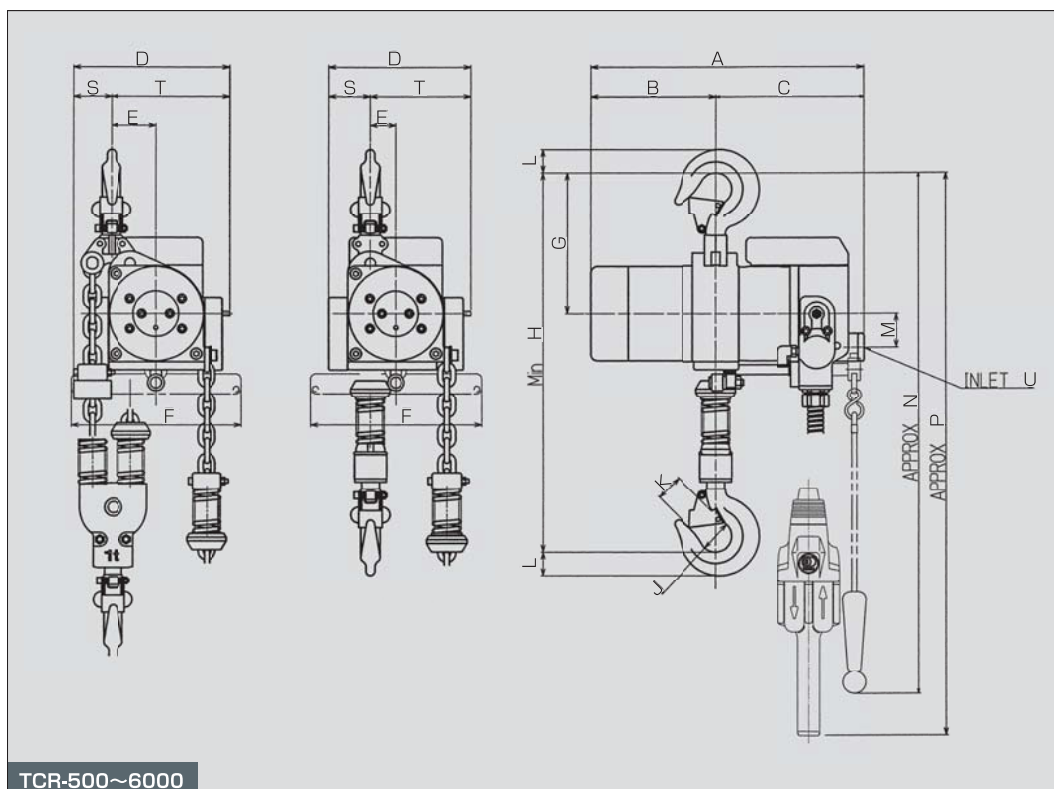
* Operating Air pressure is from 0.4MPa to 0.6MPa.

(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