



# TCR

## Series Air Powered Chain Hoists

**1/4 to 25 tonne capacity, accurate, reliable hoist**

The TCR series of air hoists feature a host of advantages to increase your productivity. Compact and highly durable, these quiet-to-operate air hoists perform fine feathering movements and precise load spotting without electrical hazard.

### FEATURES

- » Load-bearing parts are only stressed to 20% of their limit at rated capacity
- » Abrasion resistant, case-hardened, nickel-plated load chain is made from heat-treated alloy steel for high, uniform strength
- » Forged carbon steel hook design will not fracture under excessive load
- » Reliable non-asbestos, self adjusting brake
- » Built-in load limiter automatically stops lifting when load is over the rated capacity on 1/2 tonne and above
- » Upper and lower limit switch prevent over-travel in up or down direction
- » 360° swivel bottom hook with built-in bearing, for easy positioning
- » Weathertight construction resists dust and water, reliable in harsh environments
- » Fine feathering movement with precision starting and stopping
- » Quiet operation with external muffler
- » 100% duty cycle multi-vane motor with filter/lubricator installed
- » Full range variable speed control for increased productivity
- » Filter/Lubricator included with each unit
- » Test Load: 125% of rated capacity

### STANDARDS

- » ASME B30.16 Safety Standard
- » ASME HST-5 Performance Standard
- » Grade 80, Case Hardened Chain
- » 80.5 dBA at 1 metre
- » 90 PSI Pressure

### OPTIONS

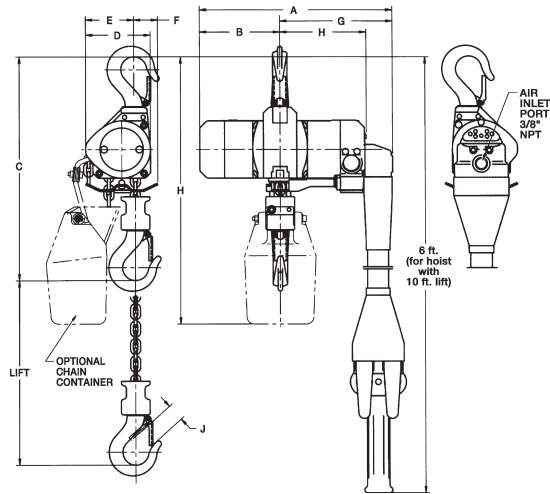
- » Pendant or cord control to meet your needs
- » Chain bag to keep chain clean and out of the way
- » Custom lift lengths to suit your requirements
- » Plain or Geared trolley mount for improved load control

# TCR Variable Speed Hoist - Hook Mount



## DIMENSIONS (mm)

Capacity (tonne)	Model	C	A	B	D	E	H	J
<b>TCR Manipulator Control - Hook Suspension</b>								
¼	TCR250M	837	269	112	89	66	373	23
<b>TCR Pendant Control - Hook Suspension</b>								
¼	TCR250P	305	269	112	89	66	373	23
<b>TCR Cord Control - Hook Suspension</b>								
¼	TCR250C	305	231	112	89	66	373	23



## SPECIFICATIONS

Capacity (tonne)	Model	Standard Lift (ft)	Max. Lift (ft)		Speeds (90 PSI - ft/min)				Headroom (in)				Load Chain Code	Load Chain Falls	Ship Weight (lbs)	Weight per Additional 5 ft of Lift (lbs)	
					Up		Down		Plain Trolley		Geared Trolley						
			Chain	Pendant	with Load	w/o Load	with Load	w/o Load	Hook Mount Only	Hook	Lug	Hook					Lug
<b>TCR Manipulator Control - Hook Suspension</b>																	
¼	TCR250M	6	6	6	26	55	54	41	33	36	31.7	36	----	KED040	1	24	----
<b>TCR Pendant Control - Hook Suspension</b>																	
¼	TCR250P	10	130	20	27	55	54	41	12	15	10.7	15	----	KED040	1	16	4
½	TCR500P	10	130	20	33	62	52	43	18.25	22	18.6	22	18.6	KER063	1	68	4
1	TCR1000P2	10	65	20	16	31	27	21	20.5	24.6	21.3	24.6	21.3	KER063	2	76	8
1	TCR1000P	10	130	20	19	34	31	21	18.5	22.6	19.2	22.6	19.2	KER071	1	74	5
2	TCR2000P2	10	65	20	10	17	15	10	22.75	28	23	28	22.9	KER071	2	87	10
3	TCR3000P	10	130	25	9	17	13	10	22.25	28.4	21.6	28.4	21.6	KER112	1	151	11
6	TCR6000P2	10	65	25	5	8	7	5	27	----	29.5	----	29.5	KER112	2	197	22
10	TCR10000P2	10	50	16	5.1	7.2	7.6	5.9	35	----	----	----	----	LCTCR10	2	476	19
25	TCR25000P2	10	50	16	1.8	2.1	2.2	1.6	56.7	----	----	----	----	LCTCR25	2	1082	35
<b>TCR Cord Control - Hook Suspension</b>																	
¼	TCR250C	10	130	----	30	61	57	45	12	15	10.7	15	----	KED040	1	16	4
½	TCR500C	10	130	----	33	62	52	43	18.25	22	18.6	22	18.6	KER063	1	68	4
1	TCR1000C2	10	65	----	16	31	27	21	18.25	24.6	21.3	24.6	21.3	KER063	2	76	8
1	TCR1000C	10	130	----	19	34	31	21	18.5	22.6	19.2	22.6	19.2	KER071	1	74	5
2	TCR2000C2	10	65	----	10	17	15	10	22.75	28	23	28	22.9	KER071	2	87	10
3	TCR3000C	10	130	----	9	17	13	10	22.25	28.4	21.6	28.4	21.6	KER112	1	151	11
6	TCR6000C2	10	65	----	5	8	7	5	27	----	29.5	----	29.5	KER112	2	197	22
10	TCR10000C2	10	50	----	5.1	7.2	7.6	5.9	35	----	----	----	----	LCTCR10	2	465	19
25	TCR25000C2	10	50	----	1.8	2.1	2.2	1.6	56.7	----	----	----	----	LCTCR25	2	1074	35