

PNEUMATIC HOISTS

**Large Capacity Air Hoists
TNC TCR**

Features

- Toku rotary vane motor.
- Robust epicyclic gearbox (grease filled and sealed).
- Choice of pull cord or pendant control.
- Mechanical, paddle action upper and lower limit switches.
- Cast steel housing
- Variable speed.
- Internal silencing.
- Carbon steel swivel hooks with safety catches.
- Load chain of European manufacture (DIN5684).
- Automatic adjustable load limiter
- 9 tonnes to 75 tonnes capacity

LARGE CAPACITY AIR HOISTS

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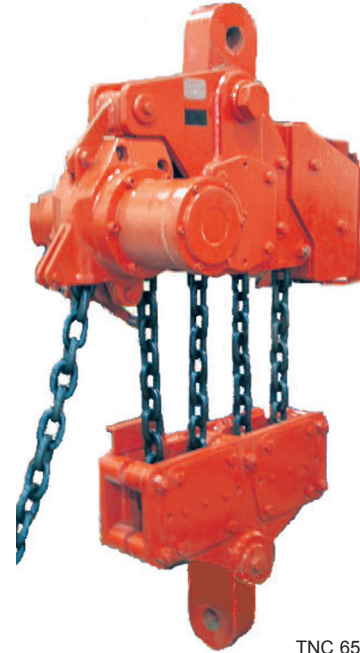
LARGE CAPACITY AIR HOISTS TNC TCR

TNC TCR 9 tonnes - 75 tonnes

A comprehensive range of quality pneumatic hoists suitable for both industrial and marine environments. They are particularly suited to environments where there is a risk of explosion due to inflammable gases or where the duty is onerous. Red Rooster pneumatic hoists comply with the European Machinery Directive and are CE marked.

OPTIONS

- Spark resistant (ATEX Cat 2 CENELEC ZONE 1)
- Marine specification - plated chain, marine paint.
- Corrosion resistant - Special paint systems, stainless steel chain & hooks.
- Chain collectors (Galvanised or stainless steel).
- Choice of pendant types.



TNC 650080



Type	Capacity kgs	Lifting speed full load m/min	Lifting speed w/o load m/min	Standard control length m	Number of chain falls	Air cons full load l/sec	Air connection BSP*	Hose Dia mm	Weight with 3m lift kg
TCR-9000/3	9,000	0.9	1.9	2	3	33	1/2"	19	150
TNC-10 TW LPE	10,000	1.5	2.5	2	2	90	1"	25	190
TCR-12000/4	12,000	0.6	1.4	2	4	33	1/2"	19	170
TNC-15 TW/3	15,000	1.0	1.7	2	3	90	1"	25	300
TCR-15000/5	15,000	0.5	1.1	2	5	33	1/2"	19	210
TNC-20 TW/4	20,000	0.7	1.2	2	4	90	1"	25	470
TNC-25 TW LPE	25,000	0.6	0.9	2	2	120	1"	25	460
TNC-25 TW/5	25,000	0.6	1.0	2	5	90	1"	25	455
TNC-35 TW/3	35,000	0.4	0.6	2	3	120	1"	25	850
TNC-50 TW/4	50,000	0.3	0.45	2	4	120	1"	25	1,100
TNC-60 TW/5	60,000	0.25	0.35	2	5	120	1"	25	1,300
TNC-75 TW/6D	75,000	0.4	0.6	2	6	240	1 1/2"	38	1,800
TNC-75 TW/6S	75,000	0.2	0.3	2	6	120	1"	25	1,500

For hose lengths in excess of 10 metres, diameter should be increased. All models operate at pressures down to 4 bar but speeds will be significantly reduced at lower pressures.

TYPE	A	B	C	D	E	F	G
TCR-9000/3	842	449	247	202	50	222	155
TNC-10 TW LPE	890	549	302	247	70	277	155
TCR-12000/4	950	441	250	191	57	310	210
TNC-15 TW/3	1,100	549	302	247	85	290	180
TCR-15000/5	950	441	250	191	83	270	110
TNC-20 TW/4	1,220	441	250	191	108	550	345
TNC-25 TW LPE	1,400	710	375	335	80	275	165
TNC-25 TW/5	1,378*	549	302	247	80	360	155
TNC-35 TW/3	1,900	710	360	340	100	510	235
TNC-50 TW/4	1,685**	710	360	340	**	660	500
TNC-60 TW/5	Dimensions on request						
TNC-75 TW/6D	Dimensions on request						
TNC-75 TW/6S	Dimensions on request						

See schematic on pages 11 or 13

* 25 Tonne shackle head fitting this type. Bottom swivel hook
 ** 50 Tonne shackle head fitting and 50 tonne shackle on bottom block this type. Hooks to special order

