



Air Chain Hoists

PROFI 25TI – 100TI

JDN Air Hoists PROFI Series are very robust and therefore suitable for tough applications even in continuous working processes. According to your requirements there are various control systems available. For traversing loads different trolley designs meet your particular demands.

- Sensitive infinitely variable speed control for the precise positioning of loads
- Load chain and hooks manufactured from high quality steels

Product Code	H010400250	H010400300	H010400370	H010400400	H010400500	H010400600	H010400750	H010401000
Type	25 TI	30 TI	37 TI	40 TI	50 TI	60 TI	75 TI	100 TI
Capacity (t)	25	30	37.5	40	50	60	75	100
Air Pressure (PSI) (bar)	85 6							
Number of Chain Strands	2	2	3	3	4	4	3	4
Lifting Speed at Full Load (m/min)	0.75 1.25	0.6 1	0.45 0.75	0.4 0.7	0.3 0.55	0.25 0.45	0.53	0.4
Lifting Speed without Load (m/min)	2.4	2.4	1.7	1.7	1.3	1.3	1.33	1
Lowering Speed at Full Load (m/min)	1.4 2.8	1.4 2.8	1 2	1 2	0.9 1.6	0.9 1.6	1.25	0.95
Air Consumption at Full Load – Lifting (m ³ /min)	6.5						7.6	
Air Consumption at Full Load – Lowering (m ³ /min)	2.9						6	
Air Connection	G 1 1/2							
Hose Dimension (inside) (mm)	35							
Weight with Standard 3m Lift Rope Control (kg)	550	550	850	850	940	940	1800	2000
Chain Dimension (mm)	23.5 x 66						32 x 90	
Weight of Chain (kg/m)	12.2						21.3	

Type	25 TI	30 TI	37 TI	40 TI	50 TI	60 TI	75 TI	100 TI
A min. headroom (mm)	1260	1260	1470	1470	1485	1485	1930	1930
B (mm)	827	827	935	935	950	950	1250	1250
C (mm)	450	450	540	540	540	540	825	825
D (mm)	900	900	1080	1080	1080	1080	1535	1535
E1 (mm)	70	70	100	100	100	100	120	120
E2 (mm)	70	70	100	100	100	100	120	120
F up to Hook Centre (mm)	270	270	285	285	250	250	405	365
G Maximum Width (mm)	445	445	450	450	430	430	600	600

