

JD Neuhaus Air Hoists Profi 1.5 TI & 3 TI-2

New
Product
Launch!

Summer 2009



THE ADVANTAGES AT A GLANCE

Superior Flexibility:

Operating air pressure range of 65 to 85 psi
Hi-Speed single strand 1.5 Ton or economical two strand 3 Ton
Compact body design ideal for tight clearances

Superior Performance:

New air valve system, infinitely variable speed control
Lube-Free operation 300+ hours

Superior Reliability:

Patented NMBI motor design greatly reduces maintenance costs
Rugged full steel construction



J.D. NEUHAUS
powered by air!

Technical Data Profi 1.5 TI & 3 TI-2

PROFI		1.5 TI		3 TI - 2	
Air pressure range	psi	65	85	65	85
Capacity	mT	1.6		3.2	
Number of chain strands		1		2	
Motor output	kW	1.3	2	1.3	2
Lifting speed at full load	ft/min	13.1	19.7	6.6	9.8
	m/min	4.0	6.0	2.0	3.0
Lifting speed without load	ft/min	27.6	32.8	13.8	16.4
	m/min	8.4	10.0	4.2	5.0
Lowering speed at full load	ft/min	36.1	39.4	18.0	19.7
	m/min	11.0	12.0	5.5	6.0
Air consumption at full load lifting	cfm	53	92	53	92
Air consumption at full load lowering	cfm	78	127	78	127
Air connection	inch	G 3/4	G 3/4	G 3/4	G 3/4
Weight with standard lift, rope control	lbs	123		146	
	kg	56		66	
Chain dimension	mm	9 x 27		9 x 27	
Weight of chain	lbs/ft	1.2		1.2	
	kg/m	1.8		1.8	
Standard lift	feet	10		10	
	m	3		3	
Standard control length	feet	6.5		6.5	
	m	2		2	
Max sound level at full load ¹	dB(A)	73 - 78	77 - 80	73 - 78	77 - 80

PROFI		1.5 TI	3 TI / 2
A	inch	18.9	21.4
	mm	480	544
B	inch	11.5	14.0
	mm	293	356
C	inch	7.9	7.9
	mm	200	200
D	inch	16.2	16.2
	mm	412	412
E1	inch	1.1	1.1
	mm	28	28
E2	inch	1.0	1.1
	mm	26	28
F (without chain box)	inch	6.7	5.5
	mm	170	140
G	inch	8.5	8.5
	mm	215	215

