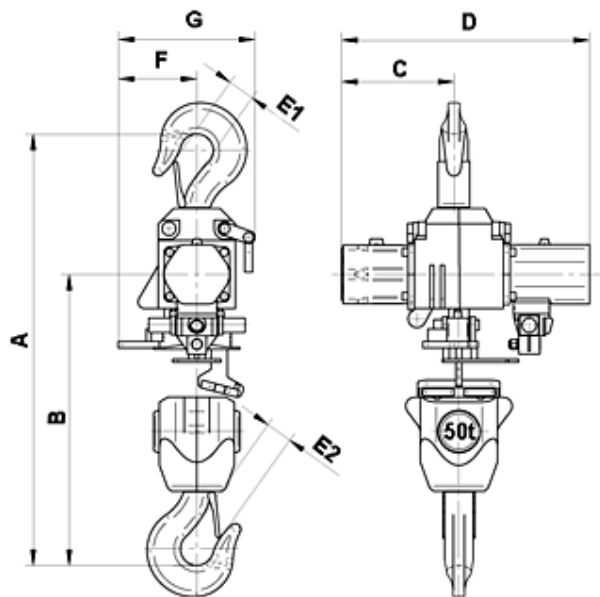


## PROFI 20 TI - PROFI 100 TI Datasheet



Dimension in mm

Type	20 TI	25 TI	37 TI	50 TI	100 TI
A smallest headroom <sup>1</sup>	1090	1282 <sup>2</sup>	1466	1700	2200
B	708	948	935	1144	1475
C	390	393	377	475	705
D	768	839	807	1005	1417
E1	75	75	100	100	120
E2	75	75	100	100	120
F up to hook center	250	466	518	310	440
G biggest width	360	610	745	539	767

<sup>1</sup> Chain containers increase the headroom.

<sup>2</sup> Shipyards version with extended headroom.

Type		20 TI		25 TI	37 TI		50 TI		100 TI
Air pressure	bar	4	6	6	4	6	4	6	6
Carrying capacity	t	20		25	37,5		50		100
Number of chain strands		4		2	3		4		4
Engine output	kW	1,5	2,5	6,0	4,0	6,0	4,0	6,0	10,0
Lifting speed at full load	m/min	0,35	0,55	1,1	0,4	0,65	0,3	0,45	0,35
Lifting speed without load	m/min	0,75	1,2	2,3	1,1	1,6	0,7	1,3	0,7
Lowering speed at full load	m/min	0,9	1,4	1,9	1,0	1,5	0,9	1,4	0,8
Air consumption at full load - Lifting	m <sup>3</sup> /min	2,3	2,9	5,5	4,7	5,5	4,7	5,5	11
Air consumption at full load - Lowering	m <sup>3</sup> /min	3,2	3,7	6,5	5,5	6,5	5,6	6,5	12
Air connection		G ¾		G 1	G 1		G 1		G 1½
Hose dimension (ø inside / ø outside)	mm	19/31		25/39	25/39		25/39		35/51
Weight at standard lift (3 m), rope control without delta p	kg	285		498	880		855		2460
Chain dimension	mm	16 x 45		22 x 66	22 x 66		22 x 66		31,5 x 90
Weight of 1 m chain	kg	5,8		10,8	10,8		10,8		21,3
Standard lift	m	3		3	3		3		3
Length of control at standard lift	m	2		2	2		2		2
Sound level at full load <sup>1</sup> with standard silencer - lifting	dB(A)	76	80	83	77	83	77	83	88
Sound level at full load <sup>1</sup> with standard silencer - lowering	dB(A)	82	84	83	79	83	79	83	89

<sup>1</sup>measured in 1 m distance acc. to DIN 45635 part 20

4 bar versions for Profi 25 TI and 100 TI on request.