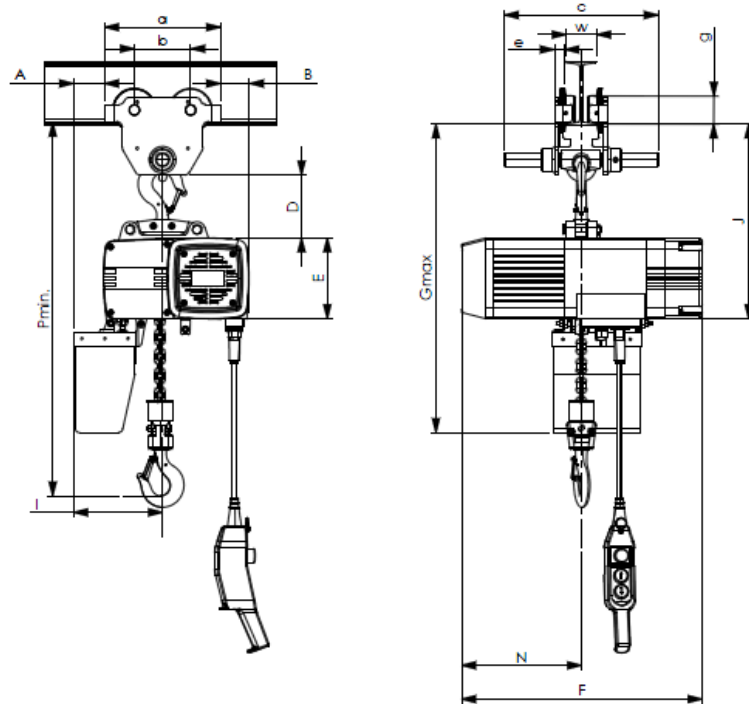


## TECHNICAL SPECIFICATIONS

Working Load Limit – WLL (kg)	250		500				1000				2000	
Body	VT250	VT250	VT500	VT500	VT500	VT500	VT500	VT1000	VT1000	VT1000	VT1000	VT1000
Number of falls	1	2	1	1		2	2		1	1		2
Number of speeds	1	1	1	2		1	2		1	2		1
Speed (m/mn)	10	5	8	2	8	4	1	4	8	2	8	4
Pic starting current	Lifting with load (A)	6.5	6.5	12	6.5	12	12	6.5	12	16.5	13.5	16.5
	Descent with load (A)	6.0	6.0	11.5	7	11.5	11.5	7	11.5	16	13.5	16
Working intensity	Lifting with load (A)	1.3	1.3	2.4	1.3	2.4	2.4	1.3	2.4	3.3	2.7	3.3
	Descent with load (A)	1.2	1.2	2.3	1.4	2.3	2.3	1.4	2.3	3.2	2.7	3.2
Engine power (kW)	0.4	0.4	0.72	0.18	0.72	0.72	0.72	0.72	1.6	0.4	1.6	1.6
Electrical supply characteristics	400 V – 50Hz – 3 phase											
IP protection	IP55											
ISO/FEM Classification	M5/2m in standard (for others classification see chart below)											
Duty factor	40% 1 speed – 40% & 25% 2 speeds											
Chain size ØxP (mm)	Ø4x12	Ø4x12	Ø5x15	Ø5x15	Ø5x15	Ø5x15	Ø5x15	Ø7x21	Ø7x21	Ø7x21	Ø7x21	Ø7x21
Number of start/hour	300											
Chain weight per meter (kg)	0.35	0.35	0.55	0.55	0.55	0.55	0.55	1.06	1.06	1.06	1.06	1.06
Weight with 3 m chain (kg)	22	24	33	36	37	40	48	51	56	59	59	59
Chain length max (m)	25 m											
Supply voltage control (V)	24 V											
Length max pendant control box (m)	25 m											

## DIMENSIONS

WLL vs mechanism classification correspondence chart



volt trac™ body	number of falls	WLL (kg) depending ISO/FEM classification					
		1Am M4	2m M5	3m M6	4m M7	5m M8	
250 kg	1	320	<b>250</b>	200	160	125	
	2	630	<b>500</b>	400	320	250	
500 kg	1	500	<b>500</b>	400	320	250	
	2	1000	<b>1000</b>	800	630	500	
1000 kg	1	1100	<b>1000</b>	800	630	500	
	2	2200	<b>2000</b>	1600	1250	1000	

Model	Nb of falls	WLL Trolley	N	A	B	D	E	F	Pmin	Gmax	I	J	a	b	c*	w*	c**	w**	e	g
VT250	1	500 kg	190	52,5	-17,5	98	118	256	451	604	165	305	225	102	324	50 to 220	424	160 to 320	23	62
VT500	2	500 kg	190	117,5	-17,5	98	118	256	541	709	230	305	225	102	324	50 to 220	424	160 to 320	23	62
VT500	1	500 kg	231	97,5	57,5	105	166	440	536	559	210	360	225	102	324	50 to 220	424	160 to 320	23	62
VT1000	2	1000 kg	231	109	44	131	166	440	714	807	235	404	252	122	334	58 to 220	434	160 to 320	23	62
VT1000	1	1000 kg	247	94	66	130	175	498	618	1067	220	412	252	122	334	58 to 220	434	160 to 320	23	62
VT2000	2	3000 kg	247	125	12	158	175	498	835	961	305	499	360	160	346	74 to 220	446	160 to 320	25	100

\* : standard / \*\* : large

w : beam width