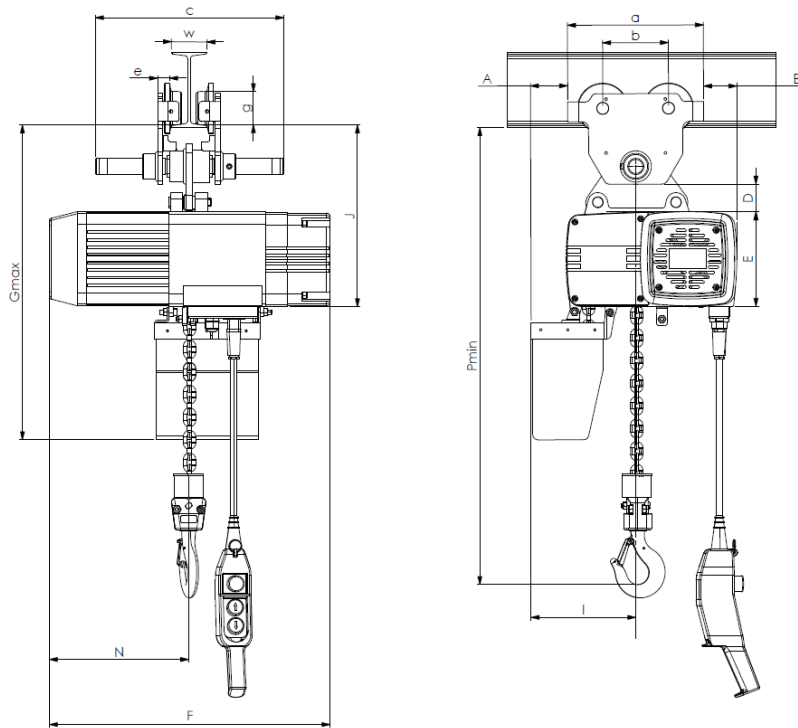


TECHNICAL SPECIFICATIONS

Working Load Limit – WLL (kg)	250		500				1000				2000				
Model	VT250	VT500	VT500	VT500	VT500	VT1000	VT1000	VT1000	VT1000	VT1000	VT2000	VT2000	VT2000	VT2000	
Number of falls	1	2	1	1	1	2	2	1	1	2	2	2	2	2	
Number of speeds	1	1	1	2	2	1	2	1	2	1	2	1	2	2	
Speed (m/mn)	10	5	8	2	8	4	1	4	8	2	8	4	1	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	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	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	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	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	0.4	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	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	1.06	1.06	
Weight with 3 m chain (kg)	22	24	33	36	37	40	48	51	56	59	59	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™ model	number of falls	WLL (kg) depending ISO/FEM classification				
		1Am M4	2m M5	3m M6	4m M7	5m M8
VT250	1	320	250	200	160	125
	2	630	500	400	320	250
VT500	1	500	500	400	320	250
	2	1000	1000	800	630	500
VT1000	1	1100	1000	800	630	500
	2	2200	2000	1600	1250	1000

* : standard / ** : large / w : beam width

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	1000 kg	190	39	-31	59	118	256	433	584	165	287	252	122	434	66 to 220	434	160 to 320	23	62
VT500	2	1000 kg	190	104	-31	59	118	256	523	689	230	287	252	122	434	66 to 220	434	160 to 320	23	62
VT500	1	1000 kg	231	84	44	51	166	440	503	634	210	327	252	122	434	66 to 220	434	160 to 320	23	62
VT1000	2	1000 kg	231	109	44	50	166	440	636	737	235	326	252	122	434	66 to 220	434	160 to 320	23	62
VT1000	1	1000 kg	247	94	66	52	175	498	543	994	220	337	252	122	434	66 to 220	434	160 to 320	23	62
VT2000	2	2000 kg	247	155	42	39	175	498	677	970	305	341	300	140	361	66 to 220	455	160 to 320	25	82