

Electric Narrow-Aisle Truck

M 7215

Technical Data Sheet for Fork Lift Trucks	EFG	M7200	08.97	VDI 2198
Designation according to DIN 15140	Abbreviation to DIN 15140	Registration-No.	Date	
Details of Manufacturer and Design		Specifications according to Type		

Designations	1	Manufacturer	(abbreviation)		Sichelschmidt
	2	Type	Type code of manufacturer		M7215
	3	Capacity	Q Lifting load	kg	1500
	4	At load centre	c Distance	mm	see table
	5	Drive	Electric (Battery)		Electric-Battery
	6	Steering	Driver-Seated steer.		Seated steering
	7	Tyres	V=Solid rubber, Vulko=Vulkollan, CSE=Super Elastic		V / Vulko
	8	Wheels (x=driven)	Front/rear	No.off	2/1x
Dimensions	9	Platform height lowered		mm	-
	10		with single h ₅ lift	mm	-
	11		with double / triple h ₃ lift	mm	see table
	12		lifting frame h ₂ normal free lift	mm	-
	13		h ₅ special free lift	mm	-
	14	Fork	s fork thickness	mm	45
	15		e fork width	mm	120
	16		l fork length	mm	800 / 1000 / 1150
	17	Carriage plate			2B-3 DIN 15173
	18	Tilt	Lifting frame forwards/backwards		-
	19		L ₂ Length incl. fork heel	mm	see table
	20		h ₃ Acces height (drivers standing platform)	mm	580
	21		h ₇ Seat height from floor (seated)	mm	appr. 1040
	22		b ₄ Distance between wheel bracket	mm	-
	23	Overall measurements	Measurement over both wheel brackets	mm	-
	24		b Width of appliance	mm	1000
	25		b ₁ Width of special equipment	mm	see table
	26		H ₁ Floor surface to track roof	mm	2100
	27		G ₂ Max. measurement over both fork tines	mm	750/850
	28		h ₁ Overall height retracted	mm	see table
	29	Mast	h ₄ Overall height extendet	mm	see table
	30		h Lowered height	mm	-
	31	Turning circle radius	Wa	mm	see table
	32	Load distance	x from centre of front axle	mm	see table
	33	Mast reach	Sch	mm	see table
	34	Aisle width	Ast Pallet load length 1000 400/500 LSA	mm	1485
	35		Ast Pallet load length 1200 600 LSA	mm	1685
Performance	36	Stability	to technical rules	yes/no	yes
	37		Travel with/without load	km/h	8,0 / 7,5
	38		Travel with overdrive with/without load	km/h	-
	39	Speed	Lifting with/without load	m/s	0,14 / 0,22
	40		Fast lift with/without load	m/s	-
	41		Lowering with/without load	m/s	0,50 / 0,40
	42	Tractive power	at draw hook with/without load	daN	-
	43	Max. tractive power	5 mins tractive power with el. vehicles	daN	-
	44	Gradient	with/without load	%	3,5 / 4,3
45	Max. gradient	with/without load	%	-	
Wt	46	Tare weight	incl. battery 48V / 500 Ah	kg	appr. 5950
	47	Axle load max.	front/rear with lifting load	kg	appr. 6400/1050
Running gear	48		Front/rear	No. off	2 / 1
	49	Tyres	Dimensions front	mm	ø 340 x 150
	50		rear	mm	ø 406 x 152
	51		Support wheel front/rear dimensions	mm	-
	52	Wheelbase	y	mm	see table
	53	Track	S Centre of tyres front/rear	mm	see table
	54	Ground clearance	with load m ₂ at lowest point with/without guid	mm	25 / 70
	55		Wheelbase centre with/without gui	mm	50 / 100
56	Brakes	Service / Parking / Holding brake		Holding brake	
57		electrical/mechanical/hydraulic		hydr. mech.	
Drive	58	Battery	Type/Container no.		Container 93 /94
	59		Volt/Ah (Capacity at 5 h discharge)		48 V / 500-600
	60		Weight	kg	853 - 1005
	61	Electric motors	Drive motor (48V) / ASM	kW	9
	62		Lifting motor (48V) / ASM	kW	4
	63				
	64	Working pressure	for ancillary attachment	bar	-
65	Gears	Type of speed change		frenquzy inverter	
66		No. gears/speeds forwards/backwards		stepless	
67	Transmission	Type		spur / bevel gear	

We reserve the right to make technical alterations

Vehicle with Dual-stage mast																							
Capacity (kg)	L_6+b_{12}	C	x	x1	y	L2	B1	S2	b15	Wa	b13	b6	Ast3	Sch	S	S1	b8	l8	UG	G	m1	G2	sxe
1500	200x800	.00	.15	85	888	385	480	330	535	.190	420	585	685	325	25	.5	.82	.45	.160	75	0	-750	25x45
	1200x1200		215			3435					1600							4340					-850
	000x800	.00/500	.15	85	888	385	280	130	335	.190	365	385	485	125	25	.5	.82	.15	.105	75	0	-750	20x45
	1000x1000	500	315			3435					1455							4195					-850

Vehicle with Triple-stage mast																							
Capacity (kg)	L_6+b_{12}	C	x	x1	y	L2	B1	S2	b15	Wa	b13	b6	Ast3	Sch	S	S1	b8	l8	UG	G	m1	G2	sxe
1500	200x800	.00	.70	225	1888	3510	1480	1330	1605	2190	1545	1675	1775	1325	125	85	437	340	4285	175	70	-750	125x45
	1200x1200		270			3560					1720								4460				-850
	000x800	.00/500	.70	225	1888	3510	1280	1130	405	2190	1460	1475	1575	1125	125	85	337	340	4200	175	70	-750	120x45
	1000x1000	500	370			3560					1550								4290				-850

Table of Structural and Lifting Heights					
Type of Mast	Closed height	h_1	h_3	h_4	h_5
Dual-stage mast	2950	4400	5183	-	-
	3200	4900	5683	-	-
	3450	5400	6183	-	-
	3700	5900	6683	-	-
	3950	6200	7083	-	-
Triple-stage mast	4200	6700	7583	1705	1955
	2490	4915	5700	6450	2100
	2740	5665	6450	6885	2205
	2885	6100	6885	7200	2455
	2990	6415	7200	7470	2705