

Details of dimensions and design				Specifications according to model and capacity			
Designations	1	Manufacturer		Sichelschmidt			
	2	Model	model number	d-615-XP/ASM	d-625-XP/ASM	d-635-XP/ASM	
	3	EX Certification	testing lab. / hazardous area rating	NRTL - Class 1, Divisions 1 & 2, Groups C & D			
	4	Mast type		DFSM / DFFM			
	5	Capacity	Q = lifting load	lb	1500	2500	3500
	6	Load center	c = distance	inch	24	24	24
	7	Drive	electric (battery)		24V electric AC		
	8	Steering	hand walk behind / sit down driver		hand walk behind		
	9	Tires	V = solid rubber, Vulko = vulkollan, CSE = super elastic		Vulko		
	10	Wheels (x=driven)	drive wheel (caster wheel) / load wheels		1(2) / 2		
	Dimensions	11	Carriage type	ITA	Class II		
12		Mast specifications	h5 = free lift	inch	see front for mast specifications		
13			h3 = fork elevated height	inch	see front for mast specifications		
14			h2 = normal free lift	inch	see front for mast specifications		
15			h5 = special free lift	inch	see front for mast specifications		
16			h1 = mast overall collapsed height	inch	see front for mast specifications		
17			h4 = mast overall extended height	inch	see front for mast specifications		
18		Tilt	lifting frame, forward / backward	degrees			
19		Fork specifications	h13 = fork lowered height	inch	1.8		
20			s = fork thickness	inch	1.4	1.6	
21			e = fork width	inch	4.2		
22			l = fork length	inch	42		
23			Plating Non / Brass / Stainless steel		Brass plated		
24		General specifications	L2 = truck length incl. fork heel	inch	69.0	74.8	82.6
25			H3 = step height (driver standing platform)	inch	on request		
26			P1 = base leg opening	inch			
27			P2 = base leg overall width	inch			
28			B = tractor width	inch	35.4		
30			H1 = overhead gaurd height	inch			
30			G2 = max. fork spread (manual adjustable)	inch	29.5		
31	Turning radius	Wa	inch	64.8	70.7	78.5	
32	Load distance	x from the center of front axle	inch	6.5			
33	Mast reach	x1	inch				
34	Aisle requirements	Ast with a load size of 40" wide x 48" long	inch	127.6	133	140.8	
Performance	35	Stability	to technical rules	yes / no	yes		
	36	Speed / performance	travel with load (<i>adjustable</i>)	miles/hr	3.5		
	37		travel without load (<i>adjustable</i>)	miles/hr	3.7		
	38		lifting with load (<i>adjustable</i>)	inch/sec	0.6		
	39		lifting without load (<i>adjustable</i>)	inch/sec	0.9		
	40		lowering with load (<i>adjustable</i>)	inch/sec	1.6		
	41	lowering without load (<i>adjustable</i>)	inch/sec	1.1			
42	Gradient	with load	%	10	9		
43		without load	%	14	14		
Wgt.	44	Truck weight	incl. 24V/400AH battery	lb	4255	4325	5120
	45	Axle load max.	front with load	lb			
	46		back with load	lb			
Running gear	47		front / rear	no. of	1(2) / 2		
	48	Wheel specifications	drive wheel dimensions	inch	10.24 dia. x 3.35		
	49		load wheel dimensions	inch	7.87 dia. x 3.35		
	50		caster wheel dimensions	inch	4.92 dia. x 2.36		
	51	Wheel base	y	inch	55.6	61.5	69.2
	52	Track	S = center of tires front to back	inch	0.0 / 30.3		
Drive	53	Ground clearance	F = with load at the lowest point	inch	1.4		
	54		F = with load at wheel base center	inch	2.0		
	55	Brakes	service / parking / holding brake		regenerative / automatic		
	56		electric / mechanical		electric		
57	Battery information	type / container # (must be EX C1D1)		PzS container 137 / 138			
58		Volt / AH		24 V / 300AH or 400AH			
59		battery weight	lb	695 (300AH) / 850 (400AH)			
60	Electric motors	drive motor	hp	1.48			
61		hydraulic motor	hp	4.29			
62	Working pressure	for forklift attachment	lb ft/inch ²	+/- 1740			
63	Gears	type of speed change		frequency converter			
63		# gears / speed change		stepless			
64	Transmission	type		bevel gear			