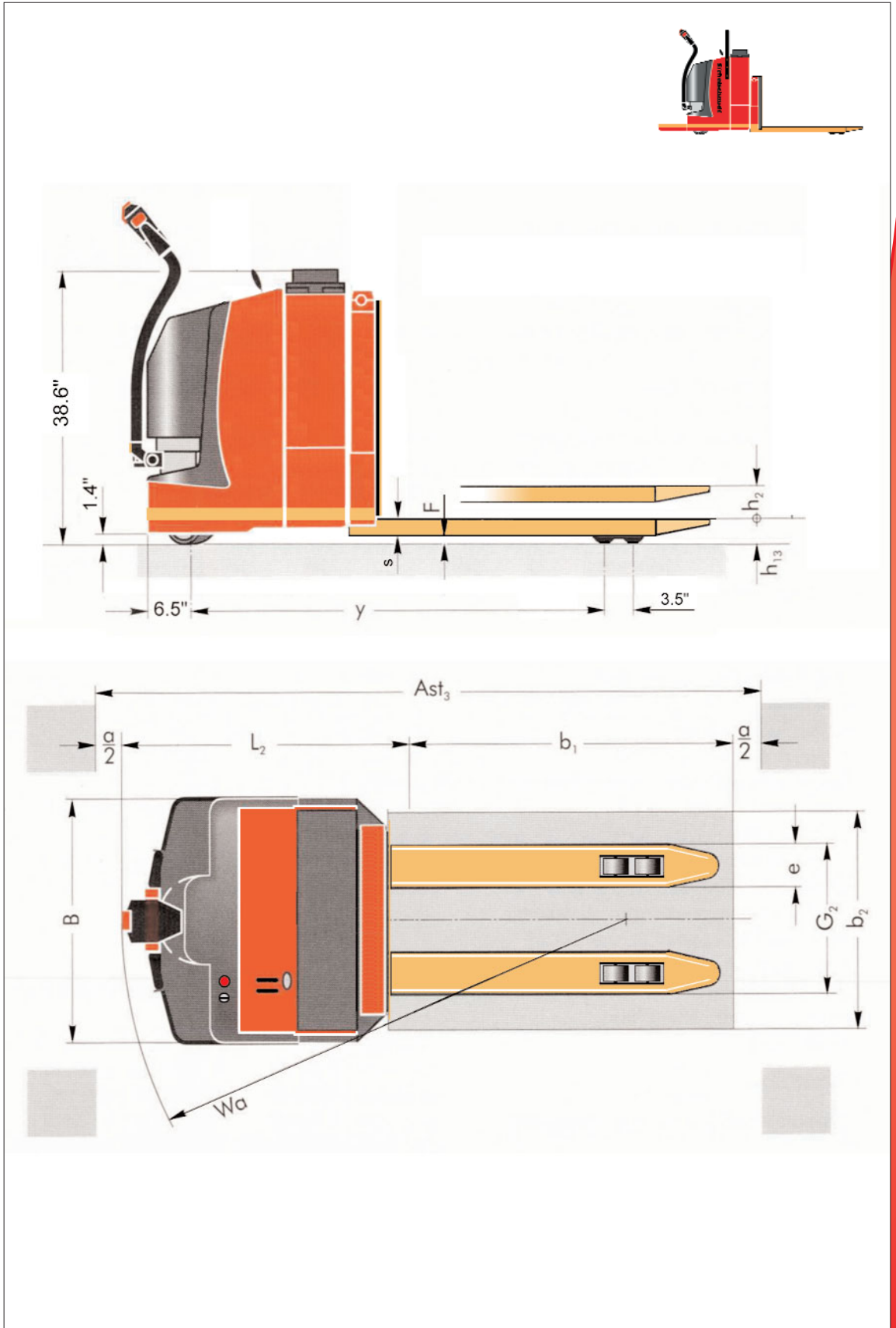




Sichelschmidt
Explosion proof forklift equipment

EX Pallet Truck
d-100-XP/A.S.M - CI, DI, Gr C&D



Sichelschmidt LLC
105 West Dewey Avenue
Bldg. B, unit 9
Wharton, NJ 07885
Tel: 973-442-7878
Fax: 973-442-1874
www.sichelschmidt.com

Details of dimensions and design				Specifications according to model and capacity			
Designations	1	Manufacturer		Sichelschmidt			
	2	Model	model number	d-160-XP/ASM	d-180-XP/ASM	d-190-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	6000	8000	9900
	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) / 4		
	11	Carriage type		ITA			
Dimensions	12	Mast specifications	h5 = free lift	inch	4.9"		
	13		h13 +h5 = fork elevated height	inch	8.9"		
	14		h2 = normal free lift	inch			
	15		h5 = special free lift	inch			
	16		h1 = mast overall collapsed height	inch			
	17		h4 = mast overall extended height	inch			
	18	Tilt	lifting frame, forward / backward	degrees			
	19	Fork specifications	h13 = fork lowered height	inch	3.35		
	20		s = fork thickness	inch	2.8		
	21		e = fork width	inch	6.5	9.5	
	22		l = fork length	inch	48		
	23		Plating Non / Brass / Stainless steel		Brass plated		
	24	General specifications	L2 = truck length incl. fork heel	inch	41.2	43.0	
	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	inch	27			
31	Turning radius	Wa	inch	79			
32	Load distance	x from the center of front axle	inch				
33	Mast reach	x1	inch				
34	Aisle requirements	Ast with a load size of 40" wide x 48" long	inch	97.0			
Performance	35	Stability	to technical rules	yes / no	yes		
	36	Speed / performance	travel with load (<i>adjustable</i>)	miles/hr	3.6		
	37		travel without load (<i>adjustable</i>)	miles/hr	3.7		
	38		lifting with load (<i>adjustable</i>)	inch/sec	0.7		
	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	%	7	5	3
43	without load		%	12	12	10	
Wgt.	44	Truck weight	incl. 24V/400AH battery	lb	2745	2800	2900
	45	Axle load max.	front with load	lb	3210	3890	4276
	46		back with load	lb	6408	7755	8524
Running gear	47		front / rear	no. of	1(2) / 4		
	48	Wheel specifications	drive wheel dimensions	inch	10.24 dia. x 3.35		
	49		load wheel dimensions	inch	3.23 dia. x 2.36	3.34 dia. x 3.86	
	50		caster wheel dimensions	inch	4.92 dia. x 2.36		
	51	Wheel base	y	inch	68.2		
	52	Track	S = center of tires front to back	inch	24.64 / 20.47	24.64 / 18.89	
	53	Ground clearance	F = with load at the lowest point	inch	0.95		
54	F = with load at wheel base center		inch	2.0			
Drive	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			