



EXD 18 Technical Data

Double Decker High-Lift Pallet Truck



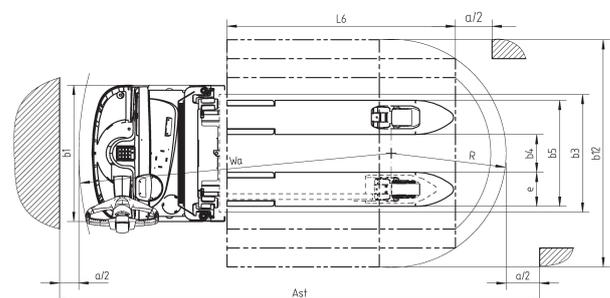
This specification sheet, which conforms to VDI guideline 2198, provides the technical values for the standard equipment only. Different tyres, other masts, the use of accessories, etc. may result in other values.

Distinguishing marks	1.1	Manufacturer (short name)			STILL	STILL	
	1.2	Manufacturer model code			EXD 18 K	EXD 18 L	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas			Electric	Electric	
	1.4	Operation: manual, walking, standing, sitting, order picker			Walking	Walking	
	1.5.1	Load capacity/load	As a double decker	Qi + Qm	kg	1000 + 800	1000 + 800
	1.5.2	Load capacity/load	Initial lift	Qi	kg	1800	1800
	1.5.3	Load capacity/load	Mast lift	Qm	kg	800	800
	1.6	Load centre distance		c	mm	600	600
	1.8	Load spacing		x	mm	862 ²	858 ²
1.9	Wheel base		y	mm	1413 ²	1413 ²	
Weight	2.1	Empty weight (incl. battery)			kg	854	948
	2.2	Axle weight with load	Drive side/load side		kg	938/1716	949/1799
	2.3	Axle weight without front/rear load	Drive side/load side		kg	615/239	674/274
Wheels/chassis	3.1	Tyres (solid rubber, super-elastic, pneumatic, polyurethane)				Polyurethane	Polyurethane
	3.2	Tyre size	Drive side			ø 230 x 75	ø 230 x 75
	3.3	Tyre size	Load side			ø 85 x 85	ø 85 x 60
	3.4	Supporting rollers	Drive side			ø 125 x 40	ø 125 x 40
	3.5	Wheels, number (x = driven)	Drive side/load side			1x-2/2	1x-2/4
	3.6	Track width	Drive side	b ₁₀	mm	482	482
	3.7	Track width	Drive side	b ₁₁	mm	380	380
Basic dimensions	4.2	Height of mast when retracted		h ₁	mm	1290	1290
	4.3	Free lift		h ₂	mm	150	150
	4.4	Lift		h ₃	mm	1574	1574
	4.5	Height of mast when extended		h ₄	mm	2202	2202
	4.6	Initial lift		h ₅	mm	125	125
	4.9	Height of tiller arm in the running position	Min./max.	h ₁₄	mm	740/1230	740/1230
	4.10	Height of wheel arms		h ₈	mm	80	80
	4.15	Height when lowered		h ₁₃	mm	86	86
	4.19	Total length		l ₁	mm	1949	2004
	4.20	Length including fork backs		l ₂	mm	709	764
	4.21	Total width		b ₁	mm	720	720
	4.22	Prong dimensions DIN ISO 2331		s/e/l	mm	180/52/1190	180/52/1190
	4.24	Fork carriage width		b ₃	mm	711	711
4.25	Distance between fork arms		b ₅	mm	560	560	
4.32	Ground clearance centre wheel base	Min./max.	m ₂	mm	20/145	20/145	
4.34	Working aisle width with 800 x 1200 pallet lengthwise (b ₁₂ x l ₆)		A _{st}	mm	2179 ^{1,2}	2233 ^{1,2}	
4.35	Turning radius		W _a	mm	1641 ²	1691 ²	
Performance data	5.1	Travel speed	With/without load		km/h	6/6	6/6
	5.2	Lifting speed	Main lift, with/without load		m/s	0.12/0.15	0.10/0.18
	5.3	Lowering speed	Main lift, with/without load		m/s	0.24/0.20	0.23/0.11
	5.7	Climbing ability			%		
	5.10	Service brake				Electromagnetic	Electromagnetic
Elec. motor	6.1	Drive motor, output with S2 60 min			kW	1.2	1.2
	6.2	Lifting motor, output with S3 15%			kW	1.2	1.2
	6.3	Battery according to DIN 43531/35/36 A, B, C, no				DIN 43535 A	DIN 43535
	6.4	Battery voltage/nominal capacity K ₅			V/Ah	24/150	24/250
	6.5	Battery weight			kg	141	212
	6.6	Energy consumption acc. to VDI cycle			kWh/h	0.61	0.61
Other							
	10.7	Sound pressure level L _{pAZ} (operator's position)			dB (A)	<70	<70

¹ Diagonal acc. to VDI 2198-2011 = +186 mm.

² Initial lift lowered: +66 mm.

Mast	Tele		
h ₁	1290	1365	1515
h ₁ '	1365	1440	1590
h ₂	150	150	150
h ₃	1574	1724	2024
h ₄	2202	2352	2652





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