EXV Technical Data
High Lift Pallet Truck

EXV 10(i)C

EXV 12(i)C

EXV 14(i)C

EXV 16(i)C

EXV 14(i)

EXV 14 D

EXV 16(i)

EXV 16 D

EXV 20(i)

EXV 20 D

EXV iGo

Li-Ion
INSIDE

iGo

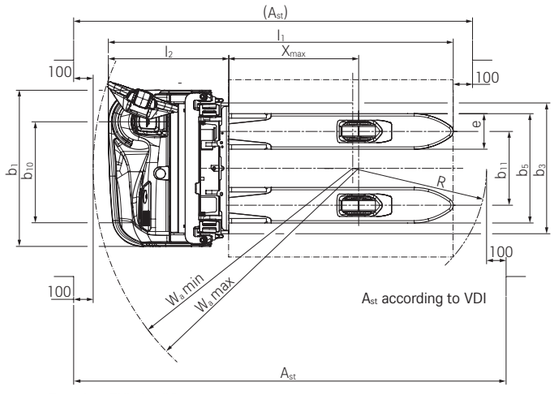
EXV 10C - EXV 12C High Lift Pallet Truck
Taking strength to new level

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				STILL					STILL			STILL				STILL		
	1.2	Manufacturer's type designation				**EXV 10C/Li-Ion**					**EXV 10(i)C/Li-Ion**			**EXV 12C/Li-Ion**				**EXV 12(i)C D*/Li-Ion**		
		Mast				Simplex	Telescopic compact	Telescopic	HiLo	Triplex	Telescopic	HiLo	Triplex	Telescopic compact	Telescopic	HiLo	Triplex	Telescopic	HiLo	Triplex
	1.3	Drive				Electric					Electric			Electric				Electric		
	1.4	Operation				Pedestrian					Pedestrian			Pedestrian				Pedestrian		
	1.5	Rated capacity/rated load		Q	kg	1000					1000			1200				1200/1200/500+500 [1]		
	1.6	Load centre distance		c	mm	600					600			600				600		
	1.8	Load distance		x	mm	715 [2]	695 [2]	695 [2]	695 [2]	639	785/707 [2,3]	785/707 [2,3]	730/652 [3]	695 [2]	695 [2]	695 [2]	639	785/707 [2,3]	785/707 [2,3]	730/652 [3]
	1.9	Wheel base		y	mm	1123 [4]					1282/1204 [3,4]			1123 [4]				1282/1204 [3,4]		
Weights	2.1	Service weight (incl. battery)			kg	564 [6]	640 [6]	657 [6]	675 [6]	790 [6]	724 [6]	742 [6]	857 [6]	704 [6]	721 [6]	739 [6]	854 [6]	783 [6]	802 [6]	917 [6]
	2.2	Axle load, laden	drive end/load end		kg	512/1052	545/1095	557/1100	570/1105	589/1201	596/1128	608/1134	627/1230	614/1290	626/1295	638/1301	648/1406	659/1324	671/1331	682/1435
	2.3	Axle load, unladen	drive end/load end		kg	410/154	460/180	473/184	485/190	555/235	518/206	530/212	599/258	512/192	525/196	537/202	607/247	564/219	577/225	646/271
Tyres/chassis	3.1	Tyres				Polyurethane					Polyurethane			Polyurethane				Polyurethane		
	3.2	Tyre size	drive end		mm	Ø 230 x 75					Ø 230 x 75			Ø 230 x 75				Ø 230 x 75		
	3.3	Tyre size	load end		mm	1x Ø 85 x 85					2x Ø 85 x 85			1x Ø 85 x 85				2x Ø 85 x 85		
	3.4	Additional wheels (dimensions)			mm	Ø 140 x 54					Ø 140 x 54			Ø 140 x 54				Ø 140 x 54		
	3.5	Number of wheels (x = driven)				1 x -1/2					1 x -1/2			1 x -1/2				1 x -1/2		
	3.6	Track width	drive end/load end	b_{10}/b_{11}	mm	516/380 [7]					516/380 [7]			516/380 [7]				516/380 [7]		
Basic dimensions	4.2	Height	mast lowered	h_1	mm	See mast table					See mast table			See mast table				See mast table		
	4.3	Free lift		h_2	mm	See mast table					See mast table			See mast table				See mast table		
	4.4	Lift		h_3	mm	See mast table					See mast table			See mast table				See mast table		
	4.5	Height	mast extended	h_4	mm	See mast table					See mast table			See mast table				See mast table		
	4.6	Initial lift		h_5	mm	-					125			-				125		
	4.9	Height of drawbar in driving position	min./max.	h_{14}	mm	841/1249 [8]					841/1249 [8]			841/1249 [8]				841/1249 [8]		
	4.10	Height of wheel arms		h_8	mm	80					80			80				80		
	4.15	Fork height	lowered	h_{13}	mm	86					86			86				86		
	4.19	Overall length		l_1	mm	1718 [4,9,10]	1738 [4,9,10]	1738 [4,9,10]	1738 [4,9,10]	1794 [4,10]	1806 [4,9,10]	1806 [4,9,10]	1862 [4,10]	1738 [4,9,10]	1738 [4,9,10]	1738 [4,9,10]	1794 [4,10]	1806 [4,9,10]	1806 [4,9,10]	1862 [4,10]
	4.20	Length including fork backs		l_2	mm	568 [4,9,10]	588 [4,9,10]	588 [4,9,10]	588 [4,9,10]	644 [4,10]	656 [4,9,10]	656 [4,9,10]	712 [4,10]	588 [4,9,10]	588 [4,9,10]	588 [4,9,10]	644 [4,10]	656 [4,9,10]	656 [4,9,10]	712 [4,10]
	4.21	Overall width		b_1	mm	800 [11]					800 [11]			800 [11]				800 [11]		
	4.22	Fork dimensions		s/e/l	mm	65 [12]/180/1150				55/182/1150	65 [12]/180/1150		55/182/1150	65 [12]/180/1150			55/182/1150	65 [12]/180/1150		55/182/1150
	4.24	Fork carriage width		b_3	mm	533 [12]				670	533 [12]		670	533 [12]			670	533 [12]		670
	4.25	Overall fork width		b_5	mm	560 [14]					560 [14]			560 [14]				560 [14]		
	4.31	Ground clearance, laden	below mast	m_1	mm	27					16			27				16		
	4.32	Ground clearance, centre of wheel base		m_2	mm	30					20/145 [3]			30				20/145 [3]		
	4.34.1	Aisle width for pallets 1000 x 1200 crossways		A_{st}	mm	2256 (2027) [4,15,16]	2265 (2047) [4,15,16]			2292 (2103) [4,15]	2335 (2110) [3,4,15,16]		2361 (2165) [3,4,15]	2265 (2047) [4,15,16]			2292 (2103) [4,15]	2335 (2110) [3,4,15,16]		2361 (2165) [3,4,15]
	4.34.2	Aisle width for pallets 800 x 1200 lenghtways		A_{st}	mm	2221 (2077) [4,15,17]	2236 (2097) [4,15,17]			2281 (2153) [4,15]	2302 (2160) [3,4,15,17]		2345 (2215) [3,4,15,]	2236 (2097) [4,15,17]			2281 (2153) [4,15]	2302 (2160) [3,4,15,17]		2345 (2215) [3,4,15]
	4.35	Turning radius		W_a	mm	1392 [4,15]					1540 [4,15]/1467 [3,4,15]			1392 [15]				1540 [4,15]/1467 [3,4,15]		
Performance data	5.1	Travel speed	laden/unladen		km/h	6/6					6/6			6/6				6/6		
	5.1.1	Travel speed, backwards	laden/unladen		km/h	6/6					6/6			6/6				6/6		
	5.2	Lifting speed	laden/unladen		m/s	0.13/0.20	0.13/0.25	0.18/0.32	0.17/0.29	0.17/0.28	0.18/0.32	0.17/0.29	0.17/0.28	0.11/0.25	0.16/0.32	0.15/0.29	0.15/0.28	0.16/0.32	0.15/0.29	0.15/0.28
	5.3	Lowering speed	laden/unladen		m/s	0.23/0.23	0.30/0.30	0.42/0.36	0.40/0.32	0.40/0.34	0.42/0.36	0.40/0.32	0.40/0.34	0.30/0.30	0.42/0.36	0.40/0.32	0.40/0.34	0.42/0.36	0.40/0.32	0.40/0.34
	5.8	Max. gradeability S2 = 5 min	laden/unladen		%	5/10					5/10			5/10				8/15		
	5.10	Service brake				Electromagnetic					Electromagnetic			Electromagnetic				Electromagnetic		
Electric engine	6.1	Drive motor, rating S2 = 60 min			kW	1.1					1.1			1.1				1.1		
	6.2	Lift motor, rating S3 = 15%			kW	2.2/5		3.0/11			3.0/11			2.2/5	3.0/11			3.0/11		
	6.3	Battery according to DIN 43531/35/36; A, B, C, no				No					No			No				No		
	6.4	Battery voltage/rated capacity K_5			V/Ah	24 V Li-Ion Compact 3.0/3.6 kWh					24 V Li-Ion Compact 3.0/3.6 kWh			24 V Li-Ion Compact 3.0/3.6 kWh				24 V Li-Ion Compact 3.0/3.6 kWh		
	6.5	Battery weight ±5% (depending on manufacturer)			kg	21					21			21				21		
	6.6	Energy consumption according to DIN EN 16796			kWh/h	0.52					0.52			0.55				0.55		
	6.6.1	CO_2 equivalent emissions in accordance with EN ISO 23308			kg/h	0.3					0.3			0.3				0.3		
	6.7	Turnover output according to VDI 2198			t/h	40					40			48				48		
	6.8	Turnover efficiency according to VDI 2198			t/kWh	42					42			48				48		
Misc.	8.1	Drive control				AC control					AC control			AC control				AC control		
	10.7	Sound pressure level at driver's ear			dB(A)	<70					<70			<70				<70		

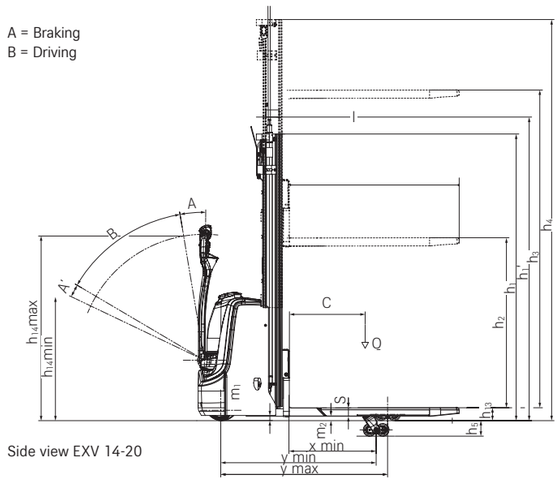
[1] Capacity on main lift / capacity on initial lift / capacity for double pallet transport (on main lift + on load arms); double deck version is available for telescopic and HiLo mast with lift h_3 >4000 mm and simplex mast only
[2] With fork carriage s = 65 mm (built-in); with fork carriage s = 55 mm (built-out) -32 mm for simplex mast; -35 mm for telescopic compact, telescopic and HiLo mast
[3] Wheel arms raised
[4] With tray 11; with tray 95 1.2 t +55 mm
[5] With tray 95 1.6 t; with tray 112 +65 mm
[6] With 1.0–1.2 t mast: h_1 = 1940 mm and tray 11; with 1.4–1.6 t mast: h_1 = 1915 mm and tray 95 1.6 t
[7] With fork spread b_5 = 560 mm; with b_5 = 520 mm -40 mm (not in combination with double deck option)
[8] From butterfly rotation axis; in creep speed position +11 mm
[9] With fork carriage s = 55 mm (built-out) +32 mm for simplex mast; +35 mm for telescopic compact, telescopic and HiLo mast
[10] With passive foot protection +15 mm; with active foot protection +23 mm
[11] With passive foot protection +21 mm; with active foot protection +34 mm
[12] With fork carriage built in; with fork carriage built out s = 55 mm and b_3 = 711 mm
[13] With fork carriage with non-deflecting forks s = 71 mm
[14] Additional fork spread available: b_5 = 520 mm with tray 95 only and not in combination with double deck option
[15] With tiller in the upper working position (10°) and fully turned clockwise; in creep speed position -13 mm. The A_{st} values in brackets are calculated for the special case where the swivelling range R is free.
[16] With fork carriage s = 65 mm; with fork carriage s = 55 mm +15 mm (+32 for value in brackets) for simplex mast; +17 mm (+35 for value in brackets) for telescopic compact, telescopic and HiLo mast
[17] With fork carriage s = 65 mm; with fork carriage s = 55 mm +25 mm (+32 for value in brackets) for simplex mast; +28 mm (+35 for value in brackets) for telescopic compact, telescopic and HiLo mast

* Double deck transport functionality



Ast according to VDI

Top view EXV 14-20



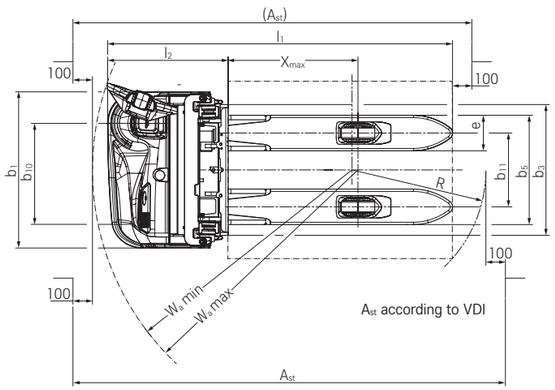
Side view EXV 14-20

EXV 14C - EXV 16C High Lift Pallet Truck
Elevate stacking with ease

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.

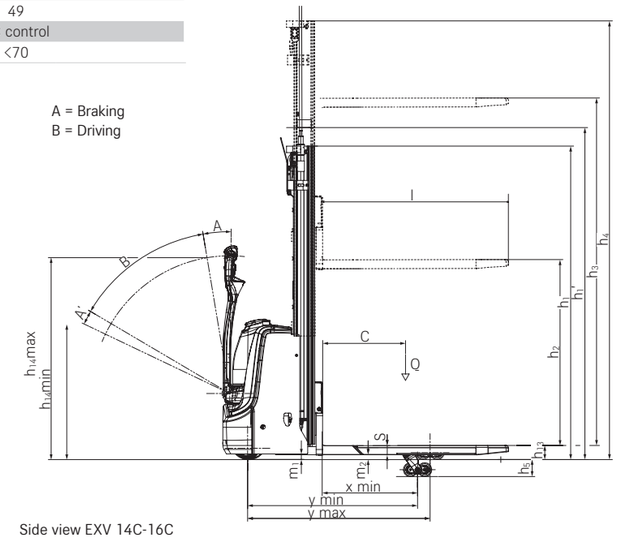
Distinguishing marks	1.1	Manufacturer				STILL			STILL			STILL			STILL		
	1.2	Manufacturer's type designation				**EXV 14C/Li-Ion**			**EXV 14(i)C D/Li-Ion**			**EXV 16C/Li-Ion**			**EXV 16(i)C D/Li-Ion**		
		Mast				Telescopic	HiLo	Triplex	Telescopic	HiLo	Triplex	Telescopic	HiLo	Triplex	Telescopic	HiLo	Triplex
	1.3	Drive				Electric			Electric			Electric			Electric		
	1.4	Operation				Pedestrian			Pedestrian			Pedestrian			Pedestrian		
	1.5	Rated capacity/rated load		Q	kg	1400			1400/1600/600+800 [1]			1600			1600/1600/600+800 [1]		
	1.6	Load centre distance		c	mm	600			600			600			600		
	1.8	Load distance		x	mm	721	721	696	733/688 [3]	733/688 [3]	707/662 [3]	721	721	696	733/688 [3]	733/688 [3]	707/662 [3]
	1.9	Wheel base		y	mm	1237 [5]			1317/1272 [3, 5]			1237 [5]			1317/1272 [3, 5]		
Weights	2.1	Service weight (incl. battery)			kg	977 [6]	993 [6]	1111 [6]	1023 [6]	1039 [6]	1157 [6]	977 [6]	993 [6]	1111 [6]	1023 [6]	1039 [6]	1157 [6]
	2.2	Axle load, laden	drive end/load end		kg	837/1540	847/1546	893/1618	791/1632	800/1639	842/1715	856/1721	866/1727	908/1803	804/1819	814/1825	851/1906
	2.3	Axle load, unladen	drive end/load end		kg	700/277	710/283	785/326	713/310	722/316	793/364	700/277	710/283	785/326	713/310	722/316	793/364
Tyres/chassis	3.1	Tyres				Polyurethane			Polyurethane			Polyurethane			Polyurethane		
	3.2	Tyre size	drive end		mm	Ø 230 x 75			Ø 230 x 75			Ø 230 x 75			Ø 230 x 75		
	3.3	Tyre size	load end		mm	1x Ø 85 x 85			2x Ø 85 x 85			1x Ø 85 x 85			2x Ø 85 x 85		
	3.4	Additional wheels (dimensions)			mm	Ø 140 x 54			Ø 140 x 54			Ø 140 x 54			Ø 140 x 54		
	3.5	Number of wheels (x = driven)				1 x -1/2			1 x -1/2			1 x -1/2			1 x -1/2		
	3.6	Track width	drive end/load end	b_{10}/b_{11}	mm	516/380			516/380			516/380			516/380		
Basic dimensions	4.2	Height	mast lowered	h_1	mm	See mast table			See mast table			See mast table			See mast table		
	4.3	Free lift		h_2	mm	See mast table			See mast table			See mast table			See mast table		
	4.4	Lift		h_3	mm	See mast table			See mast table			See mast table			See mast table		
	4.5	Height	mast extended	h_4	mm	See mast table			See mast table			See mast table			See mast table		
	4.6	Initial lift		h_5	mm	-			110			-			110		
	4.9	Height of drawbar in driving position	min./max.	h_{14}	mm	841/1249 [8]			841/1249 [8]			841/1249 [8]			841/1249 [8]		
	4.10	Height of wheel arms		h_8	mm	80			80			80			80		
	4.15	Fork height	lowered	h_{13}	mm	86			86			86			86		
	4.19	Overall length		l_1	mm	1826 [5, 10]	1826 [5, 10]	1851 [5, 10]	1894 [5, 10]	1894 [5, 10]	1919 [5, 10]	1826 [5, 10]	1826 [5, 10]	1851 [5, 10]	1894 [5, 10]	1894 [5, 10]	1919 [5, 10]
	4.20	Length including fork backs		l_2	mm	676 [5, 10]		701 [5, 10]	744 [5, 10]		769 [5, 10]	676 [5, 10]		701 [5, 10]	744 [5, 10]		769 [5, 10]
	4.21	Overall width		b_1	mm	800 [11]			800 [11]			800 [11]			800 [11]		
	4.22	Fork dimensions		s/e/l	mm	55 [13]/182/1150			55 [13]/182/1150			55 [13]/182/1150			55 [13]/182/1150		
	4.24	Fork carriage width		b_3	mm	780			780			780			780		670
	4.25	Overall fork width		b_5	mm	560			560			560			560		
	4.31	Ground clearance, laden	below mast	m_1	mm	27			16			27			16		
	4.32	Ground clearance, centre of wheel base		m_2	mm	30			20/130 [3]			30			20/130 [3]		
	4.34.1	Aisle width for pallets 1000 x 1200 crossways		A_{st}	mm	2360 (2127) [5, 15]		2371 (2152) [5, 15]	2406 (2192) [3, 5, 15]		2419 (2218) [3, 5, 15]	2360 (2127) [5, 15]		2371 (2152) [5, 15]	2406 (2192) [3, 5, 15]		2419 (2218) [3, 5, 15]
	4.34.2	Aisle width for pallets 800 x 1200 lenghtways		A_{st}	mm	2322 (2177) [5, 15]		2341 (2202) [5, 15]	2380 (2242) [3, 5, 15]		2400 (2268) [3, 5, 15]	2322 (2177) [5, 15]		2341 (2202) [5, 15]	2380 (2242) [3, , 15,		2400 (2268) [3, 5, 15]
	4.35	Turning radius		W_a	mm	1498 [5, 15]			1573 [3, 15]/1530 [3, 5, 15]			1498 [5, 15]			1573 [5, 15]/1530 [3, 5, 15]		
Performance data	5.1	Travel speed	laden/unladen		km/h	6/6			6/6			6/6			6/6		
	5.1.1	Travel speed, backwards	laden/unladen		km/h	6/6			6/6			6/6			6/6		
	5.2	Lifting speed	laden/unladen		m/s	0.14/0.27	0.14/0.25	0.14/0.25	0.14/0.27	0.14/0.25	0.14/0.25	0.13/0.27	0.13/0.25	0.13/0.25	0.13/0.27	0.13/0.25	0.13/0.25
	5.3	Lowering speed	laden/unladen		m/s	0.42/0.27	0.40/0.22	0.40/0.26	0.42/0.27	0.40/0.22	0.40/0.26	0.42/0.27	0.40/0.22	0.40/0.26	0.42/0.27	0.40/0.22	0.40/0.26
	5.8	Max. gradeability S2 = 5 min	laden/unladen		%	5/10			7/15			5/10			7/15		
	5.10	Service brake				Electromagnetic			Electromagnetic			Electromagnetic			Electromagnetic		
Electric engine	6.1	Drive motor, rating S2 = 60 min			kW	1.3			1.3			1.3			1.3		
	6.2	Lift motor, rating S3 = 15%			kW	3.0/11			3.0/11			3.0/11			3.0/11		
	6.3	Battery according to DIN 43531/35/36; A, B, C, no				No			No			No			No		
	6.4	Battery voltage/rated capacity K_5			V/Ah	24 V 2PzS-B 200 Ah			24 V 2PzS-B 200 Ah			24 V 2PzS-B 200 Ah			24 V 2PzS-B 200 Ah		
	6.5	Battery weight ±5% (depending on manufacturer)			kg	195			195			195			195		
	6.6	Energy consumption according to DIN EN 16796			kWh/h	0.69			0.69			0.74			0.74		
	6.6.1	CO_2 equivalent emissions in accordance with EN ISO 23308			kg/h	0.4			0.4			0.4			0.4		
	6.7	Turnover output according to VDI 2198			t/h	53			53			60			60		
	6.8	Turnover efficiency according to VDI 2198			t/kWh	45			45			49			49		
Misc.	8.1	Drive control				AC control			AC control			AC control			AC control		
	10.7	Sound pressure level at driver's ear			dB(A)	<70			<70			<70			<70		

[1] Capacity on main lift / capacity on initial lift / capacity for double pallet transport (on main lift + on load arms); double deck version is available for telescopic and HiLo mast with lift h_3 >4000 mm and simplex mast only
[2] With fork carriage s = 65 mm (built-in); with fork carriage s = 55 mm (built-out) -32 mm for simplex mast; -35 mm for telescopic compact, telescopic and HiLo mast
[3] Wheel arms raised
[4] With tray 11; with tray 95 1.2 t +55 mm
[5] With tray 95 1.6 t; with tray 112 +65 mm
[6] With 1.0–1.2 t mast: h_1 = 1940 mm and tray 11; with 1.4–1.6 t mast: h_1 = 1915 mm and tray 95 1.6 t
[7] With fork spread b_5 = 560 mm; with b_5 = 520 mm -40 mm (not in combination with double deck option)
[8] From butterfly rotation axis; in creep speed position +11 mm
[9] With fork carriage s = 55 mm (built-out) +32 mm for simplex mast; +35 mm for telescopic compact, telescopic and HiLo mast
[10] With passive foot protection +15 mm; with active foot protection +23 mm
[11] With passive foot protection +21 mm; with active foot protection +34 mm
[12] With fork carriage built in; with fork carriage built out s = 55 mm and b_3 = 711 mm
[13] With fork carriage with non-deflecting forks s = 71 mm
[14] Additional fork spread available: b_5 = 520 mm with tray 95 only and not in combination with double deck option
[15] With tiller in the upper working position (10°) and fully turned clockwise; in creep speed position -13 mm. The A_{st} values in brackets are calculated for the special case where the swivelling range R is free.
[16] With fork carriage s = 65 mm; with fork carriage s = 55 mm +15 mm (+32 for value in brackets) for simplex mast; +17 mm (+35 for value in brackets) for telescopic compact, telescopic and HiLo mast
[17] With fork carriage s = 65 mm; with fork carriage s = 55 mm +25 mm (+32 for value in brackets) for simplex mast; +28 mm (+35 for value in brackets) for telescopic compact, telescopic and HiLo mast



Top view EXV 14C-16C

A = Braking
B = Driving



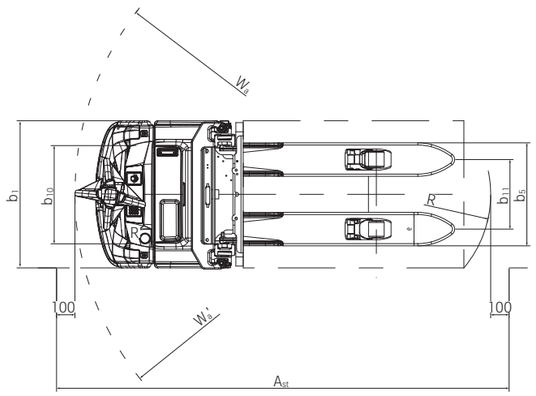
Side view EXV 14C-16C

EXV 14 - EXV 20 High Lift Pallet Truck
Taking strength to new level

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.

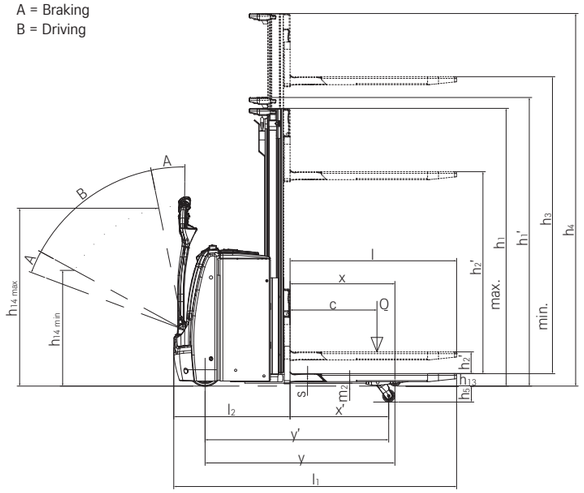
Features	1.1	Manufacturer				STILL	STILL	STILL	STILL	STILL	STILL	STILL	STILL	STILL
	1.2	Manufacturer's type designation				**EXV 14/Li-Ion**	**EXV 14i/Li-Ion**	**EXV 14 D*/Li-Ion**	**EXV 16/Li-Ion**	**EXV 16i/Li-Ion**	**EXV 16 D*/Li-Ion**	**EXV 20/Li-Ion**	**EXV 20i/Li-Ion**	**EXV 20 D*/Li-Ion**
	1.3	Drive				Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
	1.4	Operation				Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian
	1.5	Rated capacity/rated load		Q	kg	1400	1400 (2000) [1]	1400/1000+1000 (2000) [1]	1600	1600 (2000) [1]	1600/1000+1000 (2000) [1]	2000	2000 (2000) [1]	2000/1000+1000 (2000)
	1.6	Load centre distance		c	mm	600	600	600	600	600	600	600	600	600
	1.8	Load distance		x	mm	724 [2]	724 [2]/646 [2, 3]	924 [2]/846 [2, 3]	724 [2]	724 [2]/646 [2, 3]	924 [2]/846 [2, 3]	724 [2]	724 [2]/646 [2, 3]	924 [2]/846 [2, 3]
	1.9	Wheel base		y	mm	1311 [4]	1311 [4]/1233 [3, 4]	1511 [4]/1433 [3, 4]	1311 [4]	1311 [4]/1233 [3, 4]	1511 [4]/1433 [3, 4]	1425	1425/1347 [3]	1625 [4]/1547 [3, 4]
Weights	2.1	Service weight (incl. battery)			kg	1178 [5]	1144 [5]	1173 [5]	1178 [5]	1144 [5]	1173 [5]	1505 [5]	1439 [5]	1466 [5]
	2.2	Axle load, laden	drive end/load end		kg	964/1614	889/1655	1109/1464	983/1795	896/1847	1144/1629	1307/2198	1135/2303	1452/2014
	2.3	Axle load, unladen	drive end/load end		kg	867/311	836/308	885/288	867/311	836/308	885/288	1063/441	1019/420	1076/390
Tyres/chassis	3.1	Tyres				Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
	3.2	Tyre size	drive end		mm	∅ 230 x 90	∅ 230 x 90	∅ 230 x 90	∅ 230 x 90	∅ 230 x 90	∅ 230 x 90	∅ 230 x 90	∅ 230 x 90	∅ 230 x 90
	3.3	Tyre size	load end		mm	∅ 85 x 85 (∅ 85 x 60) [6]	∅ 85 x 85 (∅ 85 x 60) [6]	∅ 85 x 85 (∅ 85 x 60) [6]	∅ 85 x 85 (∅ 85 x 60) [6]	∅ 85 x 85 (∅ 85 x 60) [6]	∅ 85 x 85 (∅ 85 x 60) [6]	∅ 85 x 85 (∅ 85 x 60) [6]	∅ 85 x 105 (∅ 85 x 80) [6]	∅ 85 x 85 (∅ 85 x 80) [6]
	3.4	Support roller size			mm	∅ 150 x 50	∅ 150 x 50	∅ 150 x 50	∅ 150 x 50	∅ 150 x 50	∅ 150 x 50	2x ∅ 140 x 50	2x ∅ 140 x 50	∅ 150 x 50
	3.5	Number of wheels (x = driven)	drive end/load end			1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]	1x + 1/2 (1x + 1/4) [6]
	3.6	Track width	drive end	b_{10}	mm	534	534	534	534	534	534	534	534	534
	3.7	Track width	load end	b_{11}	mm	380/500	380/500	380/500	380/500	380/500	380/500	370/470	370/470	370/470
Dimensions	4.2	Height	mast lowered	h_1	mm	See mast table			See mast table			See mast table		
	4.3	Free lift		h_2	mm	See mast table			See mast table			See mast table		
	4.4	Lift		h_3	mm	See mast table			See mast table			See mast table		
	4.5	Height	mast extended	h_4	mm	See mast table			See mast table			See mast table		
	4.6	Initial lift		h_5	mm	-	110	110	-	110	110	-	110	110
	4.9	Height of drawbar in driving position	min./max.	h_{14}	mm	800/1228	800/1228	800/1228	800/1228	800/1228	800/1228	800/1228	800/1228	800/1228
	4.15	Fork height, lowered		h_{13}	mm	86	86	86	86	86	86	86	86	86
	4.19	Overall length		l_1	mm	1953 [2, 4]	1953 [2, 4]	1953 [2, 4]	1953 [2, 4]	1953 [2, 4]	1953 [2, 4]	2068 [2]	2068 [2]	2068 [2, 4]
	4.20	Length including fork backs		l_2	mm	803 [2, 4]	803 [2, 4]	803 [2, 4]	803 [2, 4]	803 [2, 4]	803 [2, 4]	918 [2]	918 [2]	918 [2]
	4.21	Overall width		b_1	mm	800	800	800	800	800	800	800	800	800
	4.22	Fork dimensions		s/e/l	mm	55 [8]/182/1150	55 [8]/182/1150	55 [8]/182/1150	55 [8]/182/1150	55 [8]/182/1150	55 [8]/182/1150	73 [8]/210/1150	73 [8]/210/1150	61/201/1150
	4.24	Fork carriage width		b_3	mm	780	780	780	780	780	780	780	780	780
	4.25	Overall fork width		b_5	mm	560/680	560/680	560/530	560/680	560/680	560/530	580/680-570 [8]	580/680-570 [8]	570/542
	4.26	Width between fork arms		b_4	mm	250/370	230/350	230	250/370	230/350	230	230/330	195/295	195
	4.32	Ground clearance, centre of wheel base		m_2	mm	30	20/130 [3]	20/130 [3]	30	20/130 [3]	20/130 [3]	20	20/130 [3]	20/130 [3]
	4.34.1	Aisle width for pallets 1000 x 1200 crossways		A_{st}	mm	2499 [4, 10]/2386 [4, 11]	2493 [3, 4, 10]/2381 [3, 4, 11]	2615 [3, 4, 10]/2503 [3, 4, 11]	2499 [4, 10]/2386 [4, 11]	2493 [3, 4, 10]/2381 [3, 4,11]	2615 [3, 4,10]/2503 [3, 4, 11]	2614 [10]/2500 [11]	2608 [3, 10]/2495 [3, 11]	2730 [3, 10]/2617 [3, 11]
	4.34.2	Aisle width for pallets 800 x 1200 lengthways		A_{st}	mm	2461 [4, 10]/2348 [4, 11]	2461 [3, 4, 10]/2348 [3, 4, 11]	2530 [3, 4, 10]/2418 [3, 4, 11]	2461 [4, 10]/2348 [4, 11]	2479 [3, 4, 10]/2367 [3, 4, 11]	2530 [3, 4, 10]/2418 [3, 4, 11]	2567 [10]/2462 [11]	2594 [3,10]/2481 [3, 11]	2645 [3, 10]/2532 [3, 11]
	4.35	Turning radius		W_a	mm	1639 [4, 10]/1526 [4, 11]	1596 [3, 4, 10]/1484 [3, 4, 11]	1796 [3, 4, 10]/1684 [3, 4, 11]	1639 [4, 10]/1526 [4, 11]	1596 [3, 4, 10]/1484 [3, 4, 11]	1796 [3, 4, 10]/1684 [3, 4, 11]	1754 [10]/1640 [11]	1711 [3, 10]/1598 [3, 11]	1911 [3,10]/1798 [3, 11]
Performance	5.1	Travel speed	laden/unladen		km/h	6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6	6/6
	5.2	Lifting speed	laden/unladen		m/s	0.16/0.30	0.16/0.30	0.16/0.30	0.15/0.30	0.15/0.30	0.15/0.30	0.15/0.30	0.15/0.30	0.15/0.30
	5.3	Lowering speed	laden/unladen		m/s	0.36/0.40 [13]	0.36/0.40 [13]	0.36/0.40 [13]	0.35/0.40 [13]	0.35/0.40 [13]	0.35/0.40 [13]	0,33/0,32 [13]	0.33/0.32 [13]	0.33/0.32 [13]
	5.8	Max. gradeability S2 = 60 min	laden/unladen		%	10/23 [14]	10 (8) [15]/22	10 (8) [15]/22	10/23 [14]	10 (8) [15]/22	10 (8) [15]/22	8/23 [16]	8/23	8/23
	5.10	Service brake				Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Electric engine	6.1	Drive motor, rating S2 = 60 min			kW	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	6.2	Lift motor, rating at S3 15%			kW	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	6.3	Battery according to DIN 43531/35/36 A, B, C, no				2PzS	2PzS	2PzS	2PzS	2PzS	2PzS	3PzS	3PzS	3PzS
	6.4	Battery voltage/rated capacity K_5			V/Ah	24/230	24/230	24/230	24/230	24/230	24/230	24/345	24/345	24/345
	6.5	Battery weight ±5% (depending on manufacturer)			kg	212	212	212	212	212	212	288	288	288
	6.6	Energy consumption according to DIN EN 16796-1			kWh/h	0.78	0.78	0.78	0.82	0.82	0.82	0.94	0.94	0.94
	6.6.1	CO_2 equivalent emissions in accordance with EN ISO 23308			kg/h	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
Misc.	8.1	Drive control				AC control	AC control	AC control	AC control	AC control	AC control	AC control	AC control	AC control
	8.4	Sound pressure level at driver's ear			dB(A)	≤66	≤66	≤66	≤66	≤66	≤66	≤66	≤66	≤66

[1] Lifting capacity on the fork arms
[2] With telescopic or HiLo mast (x -26 mm; l_1 and l_2 +26 mm with triplex mast)
[3] Wheel arms raised
[4] +75 mm with 3PzS and +150 mm with 4PzS
[5] All load values applicable to trucks with telescopic masts h_1 = 1915 mm
[6] Vehicle with tandem load rollers (always included with the pallet cross-pickup option; optionally available for EXV-SF 14 D, EXV-SF 16 D, EXV-SF 20 D, h_{13} = 91 mm)
[7] Recommended for mesh boxes; forks with a thickness of s = 71 mm also available
[8] Recommended for mesh boxes: fork carriers with fork thickness s = 61 mm, e = 201 mm, and b_5 = 570 mm also available. Standard equipment on EXD-SF 20 D
[9] For masts 1.4/1.6 t with lowered forks with a thickness of s = 71 mm, m^2 = 15 mm; for masts 2.0 t with lowered forks with a thickness of s = 73 mm, m^2 = 13 mm; for high-lift trucks with D-function with optional cross-pallet kit, m2 = 25 mm
[10] Drawbar in vertical position.
[11] Values based on chassis, without rotation of the drawbar, in creep mode (vertical drawbar position)
[12] ± 5% at initial lift h_5: +110 mm.
[13] With lead-acid batteries; performance is slightly higher with lithium-ion batteries
[14] On a rounded edge after a slope/ramp with raised forks (geometric limit on a non-rounded edge = 9.2%)
[15] In parentheses: maximum climbing ability with a load capacity of 2000 kg on the fork arms, with initial lift option
[16] On a rounded edge with raised forks (geometric limit on a non-rounded edge after slope/ramp = 5.6%).



Top view

A = Braking
B = Driving



Side view

EXV High Lift Pallet Truck
Mast Tables

				Simplex			Telescopic compact				Telescopic					
EXV 10(i)C - EXV 12(i)C	Height	h_1	mm	1140	1940	2390	1490	1690	1940	2140	1490	1690	1940	2140	2390	2590
	Mast height with free lift applied (h_3 = 150 mm)	h_1'	mm	-	-	-	1565	1765	2015	2215	1565	1765	2015	2215	2465	2665
	Free lift	h_2	mm	662 [2]	1462 [2]	1912 [2]	150	150	150	150	150	150	150	150	150	150
	Lift	h_3	mm	662	1462	1912	2024	2424	2924	3324	2024	2424	2924	3324	3824	4224
	Height, mast extended	h_4	mm	1140 [3]	1940 [3]	1940 [3]	2502 [3]	2902 [3]	3402 [3]	3827 [3]	2502 [3]	2902 [3]	3402 [3]	3827 [3]	4302 [3]	4702 [3]

				HiLo						Triplex		
EXV 10(i)C - EXV 12(i)C	Height	h_1	mm	1490	1690	1940	2140	2390	2590 [1]	1690 [1]	1940 [1]	2040 [1]
	Mast height with free lift applied (h_3 = 150 mm)	h_1'	mm	-	-	-	-	-	-	-	-	-
	Free lift	h_2	mm	1012 [2]	1212 [2]	1462 [2]	1662 [2]	1912 [2]	2112 [2]	1208	1458	1558
	Lift	h_3	mm	2024	2424	2924	3324	3824	4224	3636	4386	4686
	Height, mast extended	h_4	mm	2502 [3]	2902 [3]	3402 [3]	3827 [3]	4302 [3]	4702 [3]	4118	4868	5168

[1] Only mast heights compatible with the truck optional version D (double deck)
[2] With fork carriage s = 65 mm (built-in); with fork carriage s = 65 mm (built-in) and with load backrest 800 mm over forks: -404 mm; with fork carriage s = 55 mm (built-out) -4 mm; with fork carriage s = 55 mm (built-out) and with load backrest 1000 mm over forks: -562 mm
[3] With fork carriage s = 65 mm (built-in); with fork carriage s = 65 mm (built-in) and with load backrest 800 mm over forks: +404 mm; with fork carriage s = 55 mm (built-out) +4 mm; with fork carriage s = 55 mm (built-out) and with load backrest 1000 mm over forks: +562 mm

				Telescopic						
EXV 14(i)C - EXV 16(i)C	Height	h_1	mm	1415	1665	1915	2115	2365	2565	2815
	Mast height with free lift applied (h_3 = 150 mm)	h_1'	mm	1490	1740	1990	2190	2440	2640	2890
	Free lift	h_2	mm	150	150	150	150	150	150	150
	Lift	h_3	mm	1844	2344	2844	3244	3744	4144	4644
	Height, mast extended	h_4	mm	2364 [3]	2864 [3]	3364 [3]	3764 [3]	4264	4664 [3]	5164 [3]

				HiLo						Triplex					
EXV 14(i)C - EXV 16(i)C	Height	h_1	mm	1415	1665	1915	2115	2365	2565 [1]	1665 [1]	1915 [1]	2065 [1]	2265 [1]	2315 [1]
	Mast height with free lift applied (h_3 = 150 mm)	h_1'	mm	-	-	-	-	-	-	-	-	-	-	-
	Free lift	h_2	mm	895 [2]	1145 [2]	1395 [2]	1595 [2]	1845 [2]	2045 [2]	1145 [2]	1395 [2]	1545 [2]	1745 [2]	1795 [2]
	Lift	h_3	mm	1844	2344	2844	3244	3744	4144	3516	4266	4716	5316	5466
	Height, mast extended	h_4	mm	2364 [3]	2864 [3]	3364 [3]	3764 [3]	4264 [3]	4664 [3]	4036 [3]	4786 [3]	5236 [3]	5836 [3]	5986 [3]

[1] Only mast heights compatible with the truck optional version D (double deck)
[2] With load backrest 1000 mm over forks: -562 mm
[3] With load backrest 1000 mm over forks: +562 mm

				Telescopic						
EXV 14 - EXV 14i - EXV 16 - EXV 16i	Height	h_1	mm	1415	1665	1915	2115	2365	2565	2815
	Mast height with free lift applied (h_3 = 150 mm)	h_1'	mm	1490	1740	1990	2190	2440	2640	2890
	Free lift [2]	h_2	mm	150	150	150	150	150	150	150
	Lift	h_3	mm	1844	2344	2844	3244	3744	4144	4644
	Height, mast extended [3]	h_4	mm	2364	2864	3364	3764	4264	4664	5164

				HiLo						Triplex						
EXV 14 - EXV 14i - EXV 16 - EXV 16i EXV 14/16 D	Height	h_1	mm	1415	1665	1915	2115	2365	2565	1665	1915	2065	2165	2265	2315	2515 [4]
	Free lift [1]	h_2	mm	895	1145	1395	1595	1845	2045	1145	1395	1545	1645	1745	1795	1995
	Lift	h_3	mm	1844	2344	2844	3244	3744	4144	3516	4266	4716	5016	5316	5466	6066
	Height, mast extended [3]	h_4	mm	2364	2864	3364	3764	4264	4664	4036	4786	5236	5536	5836	5986	6586

[1] –566 mm with load backrest
[2] With increased mast height h_1'
[3] +566 mm with load backrest (height above the forks 1000 mm)
[4] Not available for double deck transport function

				Telescopic			HiLo			Triplex		
EXV 20 - EXV 20i EXV 20 D	Height	h_1	mm	1915	2115	2365	1915	2115	2365	1665	1915	2065
	Mast height with free lift applied(h_3 = 150 mm)	h_1'	mm	1990	2190	2440	-	-	-	-	-	-
	Free lift [1]	h_2	mm	-	-	-	1315	1515	1765	1065	1315	1465
	Free lift [2]	h_2	mm	150	150	150	-	-	-	-	-	-
	Lift	h_3	mm	2684	3084	3584	2684	3084	3584	3276	4026	4476
	Height, mast extended [3]	h_4	mm	3284	3684	4184	3284	3684	4184	3876	4626	5076

[1] –566 mm with load backrest
[2] With increased mast height h_1'
[3] +566 mm with load backrest (height above the forks 1080 mm)
HiLo: High stacking under low roof

EXV 10C - EXV 16C High Lift Pallet Truck
Elevate stacking with ease

Optimum utilisation of storage area: high storage compaction due to high residual load capacity

Intuitive one-handed operation whether left or right-handed, no matter how big or small your hands are – all thanks to the unique tiller ergonomics

View all the relevant information at a glance thanks to the LED display integrated in the tiller head

Impressive reloading of pallets: fast operation due to compact dimensions

The EXV high lift pallet truck with the unique OptiSpeed tiller is quite something. The speed of this manually guided warehouse assistant is automatically adapted to the distance between the operator and the truck. Note the unique tiller ergonomics: a lot of thought has gone into the positioning of the controls. They allow intuitive one-handed operation for all operators, regardless of hand size and whether left or right. And the LED display on the tiller head allows the operator to keep an eye on all relevant truck information.

As if that weren't enough, the truck's stability on slopes and its ability to stop automatically when the tiller arm is released are particularly impressive. Sophisticated lowering damping, which gently slows the lowering speed just before ground contact, protects goods during storage. With the EXV, goods can be stored more tightly than ever before and retrieved more easily. With its high residual load capacity and exceptional manoeuvrability, this compact truck is unbeatable when it comes to moving large quantities of goods quickly and safely in confined spaces with a manual truck, whether in the pre-storage area or on shelving.

EXV 14 - EXV 20 High Lift Pallet Truck
Taking strength to new level

Optimum utilisation of storage area: high storage compaction due to very high residual load capacity

Everything in view, all the time: colour display with a range of language-independent symbols shows you all of the important functions at a glance

Always available: battery capacities of up to 375 Ah and Li-Ion enable long periods of operation

Get ready for a whole new experience! The STILL high lift pallet truck EXV 14-20 lifts more, moves more and is safer than ever before. This is thanks to its innovative, extra-long ergonomic tiller with OptiSpeed function. It keeps a safe distance between your feet and the truck at all times, automatically adjusting the truck's speed to the tiller angle. Combined with the Curve Speed Control assistance system, it provides maximum speed on straight sections and the highest level of safety when cornering, in narrow aisles, when starting off and braking.

Intelligently positioned controls enable intuitive one-handed operation, while the tiller head display provides all the relevant vehicle information at a glance. For example, it shows how much of the maximum load capacity of 2,000 kg you currently have on the forks. The optional l oad capacity display and Dynamic Load Control provide a precise load estimate and indicate the corresponding maximum lift height. This gives you complete control over everything in the warehouse – from transporting loads in the re-storate area to servicing racks.

A quick glance at the LED display is all it takes to have all the relevant vehicle information clearly at hand

Everything in view, all the time: optional touch display with a range of language-independent symbols shows all important functions at a glance

Optional initial lift gives greater ground clearance on uneven floors

Easy threading into the pallets: fast and precise operation thanks to rounded forks

Extremely compact and maneuverable thanks to optional integrated lithium-ion battery

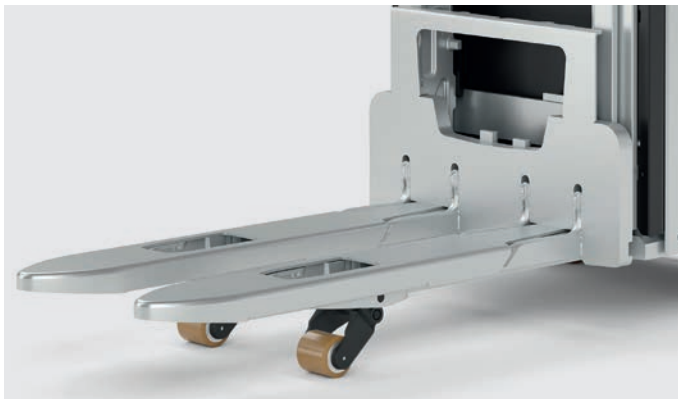
Efficient transport of two pallets with optional wheel arm extension

Safety in production: depending on the tiller angle, the speed is automatically adapted to the distance between the operator and the truck

High turnover performance due to double deck transport of non-stackable goods

Precise in all situations: the optional creep speed switch enables manoeuvring in even the tightest spaces

Safe storage and retrieval thanks to Dynamic Load Control, the residual load capacity warning system



Increased ground clearance for uneven floors and ramps thanks to optional initial lift on which loads of up to 2,000 kg can be transported

STILL free view mast always ensures the best view of the tips of the forks

Compact and manoeuvrable, with impressive lifting power: the EXV 16 lifts 1.6 tonnes to a height of up to 3 metres

EXV iGo High Lift Pallet Truck

Maximum safety: smart safety functions increase transport quality and eliminate risks of accidents and damage to people, vehicles, storage equipment and goods

Outstanding process excellence: avoiding mispicks and empty runs increases transport quality

Maximum availability: efficient transport control and IT integration enable optimal fleet utilisation around the clock

Optimum cost-effectiveness and efficiency through individual automation concepts as well as transparent and optimised continuous material flow

STILL iGo - Automation Solutions

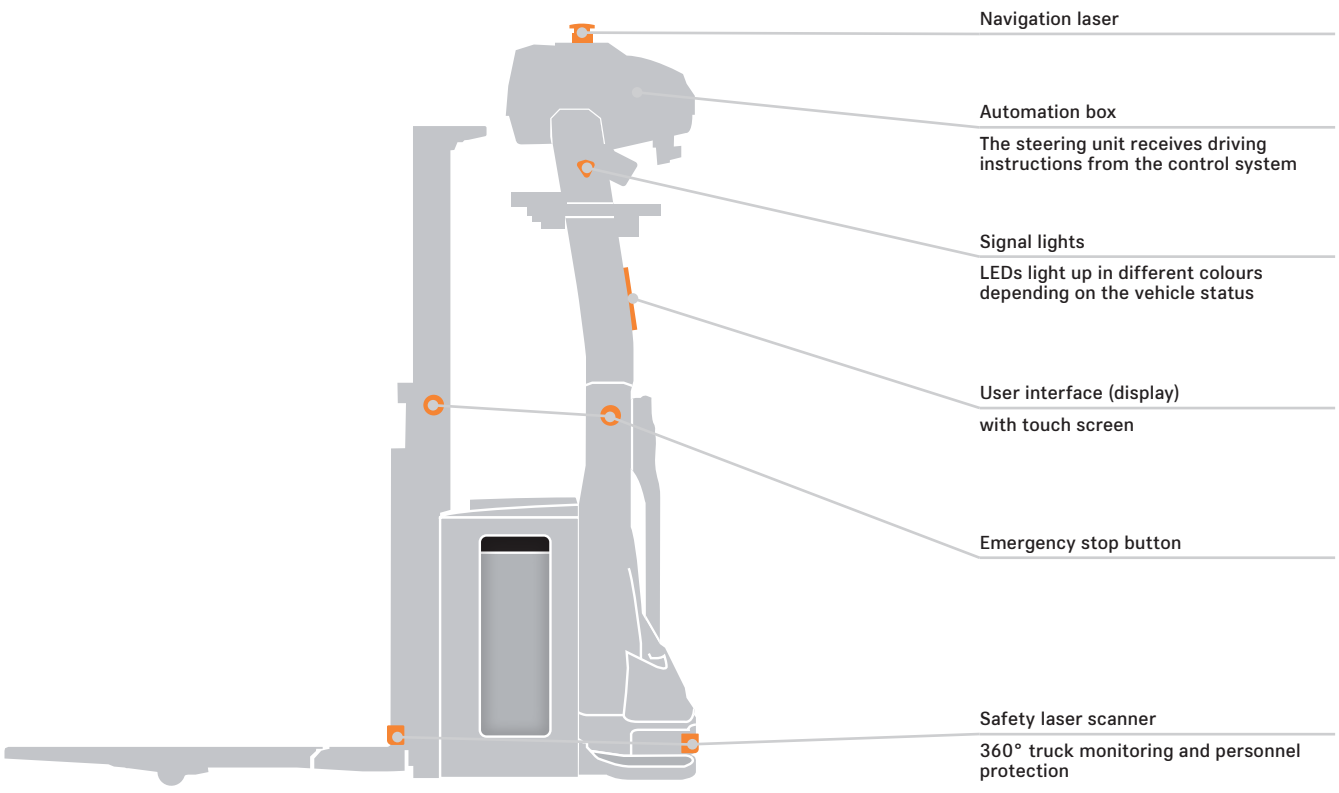
We make automation smart. From flexible plug & play solutions (STILL iGo easy) to highly customised system solutions (STILL iGo systems), scalable STILL iGo covers the entire spectrum of automation. Precisely tailored to your needs.

STILL iGo easy

Our smart plug & play solution STILL iGo easy is the perfect choice for anyone who wants to automate individual logistic transport processes with small fleets. iGo easy is particularly easy and quick to implement thanks to its intuitive user interface and flexibility. And as your needs grow or your processes become more complex, you can always upgrade to iGo systems.

STILL iGo systems

Do you already have complex or interlinked logistics processes and want to automate them individually? Then iGo systems is the perfect solution for you. The highly customisable system enables vehicles to be controlled in perfectly synchronised interaction and integrated into comprehensive logistics processes - scalable from individual vehicles to entire fleets.



Our service offers for your automated systems

We do not compromise when it comes to the availability of your intralogistics systems. This does of course also apply to your automated systems. Whether hardware or software, maintenance or repair, we tailor our services according to your individual requirements and those of your system. This allows you to concentrate fully on your business without downtimes, waiting periods or spare parts bottlenecks. Our service technicians are highly qualified, equally as dedicated, and available 365 days a year to assist you.
Availability. Reliability. Speed.

Advantages of automated high lift pallet trucks

Automated high lift pallet trucks are efficient, safe and powerful, and – combined with other driverless transport systems – pave the way for highly efficient, safe and flexible logistics processes. The EXV iGo is the perfect truck for setting new standards, particularly in production logistics and the pre-storage zone. It excels in storage and retrieval in wide-aisle and block storage systems, at high rack warehouse transfer stations, in automatic route provision, and also in horizontal transport – for the latter it can also easily handle longer distances with a maximum speed of 7.2 km/h. The truck's high residual load capacity and a lift height of up to 3.8 metres make it a reliable and powerful partner for storage and retrieval. The EXV iGo can easily be integrated into existing IT structures, or be used as a stand-alone system for simple, repeat transport tasks. It guarantees optimal process reliability, precision and maximum safety, even in mixed operation. This is ensured by the 360° personnel protection, which protects people, the truck and the load using sensitive scanners and sensors. The following safety features are integrated as standard: a safety laser scanner that detects people and objects in the path of travel; visual and acoustic warning systems (e. g. when changing direction of travel); and an emergency stop button that can be used to bring the forklift truck to an immediate standstill. The EXV can be operated in dual operation if required.

Industrialised AGVs (automated guided vehicles) are powerful components for optimising your warehouse and your logistics. However, not every technological innovation is financially feasible for every task. We will help you choose the right concept and level of automation for you and will guide you reliably through the maze of digital solutions available as part of industry 4.0.

Smart Portal

Smart Hardware
STILL Smart Portal uses state-of-the-art IoT hardware to collect and transmit operating data – for maximum transparency and control

Smart Fleet Management
Provides clear access rules, records vehicle movements, detects shock events and minimises risks through digital security checks

Smart Analytics
Precise analytics to continuously improve your fleet efficiency

Smart Energy
The system optimises charging processes, creates transparency in charging behaviour and reduces energy costs

A comprehensive overview of your vehicles' use, condition and costs is crucial to ensuring their availability, safety and cost-effectiveness. The STILL Smart Portal allows you to manage your entire fleet on a single digital platform. All relevant data, from driver management and safety to cost control and energy management, is always available, enabling you to make informed decisions. The Smart Portal's modular structure allows you to use only the functions relevant to your business.

Simply easy

- Flexible, intuitive operation of all control elements on the tiller head with one hand, without the need to change grip, naturally for both left- and right-handed operators
- Reliable availability thanks to large colour display with battery status display
- Optimal ergonomics and reduced physical strain for the operator thanks to electric driving, lifting and lowering functions
- Clear view through the mast to the fork tips facilitates hassle-free pallet handling
- Unbeatable handling performance: powerful motor, high residual load capacity and responsive control elements
- With iGo vehicles, additional vehicles can be added at any time so as to expand transportation capacity

Simply powerful

- Power meets safety: the four-wheel chassis ensures outstanding stability and effective performance
- Reliable and excellent performance thanks to the powerful yet low-maintenance AC motor
- New level of precision and safety for user and load thanks to the responsive proportional valve control
- Optimal availability, low-maintenance and high performance thanks to the optional lithium-ion technology
- Smooth and precise electrical steering
- Software-based transport controls for the EXV iGo enable optimal fleet utilisation, whilst guaranteeing a high level of process reliability, traffic management, visualisation of truck movements, battery charge status monitoring and reduced error rates – the flow of materials and information is always reliable and mapped comprehensively and transparently

Simply safe

- Maximum safety thanks to the extra-long tiller, which ensures a safe distance between the truck and the operator at all times
- Initial lift ensures stable and low-vibration driving performance, even if there are slight gradients or unevenness in the floor
- Safety for man and machine: OptiSpeed tiller and automatic stop mechanism when the tiller is released
- Safe manoeuvring even in restricted space thanks to creep speed mode
- Information on the lift height at a glance – on the coloured load capacity display
- Estimate the load correctly: Dynamic Load Control can be used to estimate the load and the corresponding maximum lift height (EXV 14-20)
- EXV iGo improves transport quality and eliminates the risk of injury and damage to people, trucks, warehouse equipment and goods thanks to smart safety functions

Simply flexible

- Precision even in confined spaces thanks to compact dimensions
- Well-equipped for a wide range of applications with different driving programmes
- Ready for use at all times: the battery can be charged and interim charged flexibly from any location without the need for a fixed charging station
- iGo trucks can also be operated manually if required: this increases flexibility, safeguards process and material flow and enables easy access to goods

Simply connected

- Intelligently connected for maximum transparency, vehicle safety and cost-efficiency. The Smart Portal brings together all relevant fleet information in a clear and concise format – from operator management and impact detection to access protection
- Optimisation of the goods flow thanks to straightforward connection to existing material flow management systems via MMS provision
- Different iGo trucks can be combined with one another, and with manual transport systems and stationary automation systems

EXV High Lift Pallet Truck
Equipment Variants

		EXV 10C	EXV 12C	EXV 14C	EXV 16C	EXV 14/ EXV 16/ EXV 20	EXV 14i/ EXV 16i/ EXV 20i	EXV 14 D/ EXV 16 D/ EXV 20 D
General information	Integrated storage option	●	●	●	●	●	●	●
	Display of operating hours and battery status	●	●	●	●	○	○	○
	Display of operating hours and battery status with colour display	○	○	○	○	●	●	●
	Easy-grip tiller for left and right-handed operators	●	●	●	●	●	●	●
	Various driving programmes	●	●	●	●	●	●	●
	Blue-Q energy saving system	●	●	●	●	●	●	●
	Various fork lengths	○	○	○	○	○	○	○
	Cold store variant	○	○	○	○	●	●	●
	2-tonne load capacity with initial lift when mast is not used	—	—	—	—	—	—	—
	Proportional valve technology for especially sensitive movements	●	●	●	●	●	●	●
	Double-deck version	—	○	○	○	○	○	○
Mast	Simplex mast	○	○	—	—	—	—	—
	Telescopic mast	○	○	○	○	○	○	○
	HiLo mast	○	○	○	○	○	○	○
	Triplex mast	○	○	○	○	○	○	○
	Mast protective grille	○	○	○	○	●	●	●
	Protective mast screen made from polycarbonate	○	○	○	○	○	○	○
	Colour load capacity display on the mast	○	○	○	○	○	○	○
	Initial lift	○	○	○	○	—	●	●
	Automatic lowering of initial lift at 1500 mm mast height	○	○	○	○	—	○	○
Wheels	Drive wheel tyres, polyurethane	●	●	●	●	●	●	●
	Drive wheel tyres, polyurethane, profiled	○	○	○	○	○	○	○
	Drive wheel tyres, solid rubber	○	○	○	○	○	○	○
	Drive wheel tyres, solid rubber, profiled	○	○	○	○	○	○	○
	Load roller tyres, polyurethane, single	●	●	●	●	○	○	○
	Load roller tyres, polyurethane, tandem	○	○	○	○	●	●	●
	Stabilising wheel, single	●	●	●	●	●	●	●
	Stabilising wheel, double	—	—	—	—	○	○	○
Safety	Smart Portal: access authorisation, shock detection, reports	○	○	○	○	○	○	○
	OptiSpeed tiller: max. driving speed dependent on tiller angle	●	●	●	●	●	●	●
	Dynamic Load Control	○*	○*	○*	○*	○**	○**	○**
	Curve Speed Control: speed reduction when driving around corners	—	—	—	—	●	●	●
	Silent running and lifting/lowering with vertical tiller	●	●	●	●	○	○	○
	PIN code access	○	○	○	○	○	○	○
	Automatic levelling	○	○	○	○	—	○	●
	Finger protection guard (polycarbonate/mesh)	○	○	○	○	●	●	●
	Foot guard	○	○	○	○	○	○	○
	Load backrest	○	○	○	○	○	○	○
Battery system	Roller track for lateral battery change	—	—	—	○	○	○	○
	Battery change by crane	●	●	●	●	●	●	●
	Battery compartment for 2PzS battery	○	○	●	●	●	●	●
	Battery compartment for 3PzS battery	—	—	—	—	○	○	○
	Battery compartment for lateral battery change	—	—	—	—	○	○	○
	STILL Li-Ion battery	●	●	○	○	○	○	○

● Standard ○ Option — Not available
* available from July 1, 2026
** available by the end of 2026

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STILL is certified in the following areas: Quality management, occupational safety, environmental protection and energy management.

EXV iGo systems EN 03/26 Subject to technical modifications.