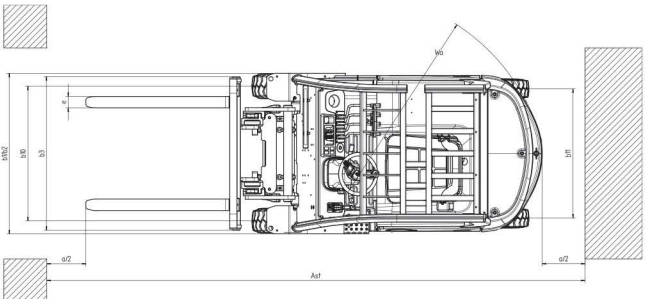
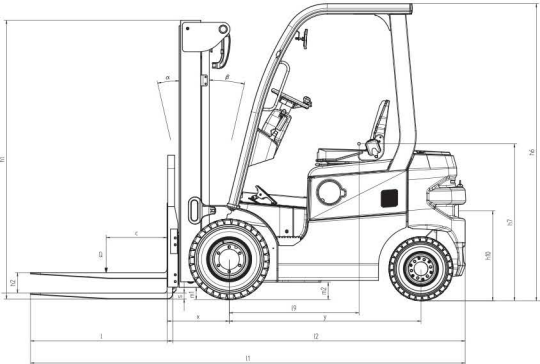


Technical Specifications

Distinguishing Mark	1.1	Manufacturer		STILL	STILL	STILL
	1.21	Configuration code		KSE15-Li-01	KSE18-Li-01	KSE20-Li-01
	1.3	Drive		Electric	Electric	Electric
	1.4	Operator type		Seated	Seated	Seated
	1.5	Rated capacity/rated load	Qt(t)	1.5	1.8	2
	1.6	Load centre distance	c(mm)	500	500	500
	1.8	Load distance, centre of drive axle to fork	x(mm)	455	455	455
	1.9	Wheelbase	y(mm)	1405	1405	1405
	2.1	Service weight	kg	2970	3200	3425
Weight	2.2	Axle loading, laden front/rear	kg	3970/500	4495/505	4840/585
	2.3	Axle loading, unladen front/rear	kg	1425/1545	1430/1770	1450/1975
	3.1	Tyres: SE=solid, P=pneumatic		PN	PN	PN
Tyres / Chassis	3.2	Tyre size, front		6.50-10/14PR	6.50-10/14PR	23X9-10/16PR
	3.3	Tyre size, rear		5.00-8/10PR	5.00-8/10PR	5.00-8/10PR
	3.5	Wheels, number front/rear (× = driven wheels)		2X /2	2X /2	2X /2
	3.6	Tread, front	b10(mm)	930	930	975
	3.7	Tread, rear	b11(mm)	900	900	900
	4.1	Tilt of mast/fork carriage forward/backward	α/b(°)	6/10	6/10	6/10
Basic Dimensions	4.2	Height of mast, lowered	h1(mm)	2068	2068	2076
	4.3	Free lift	h2(mm)	150	150	150
	4.4	Lift	h3(mm)	3000	3000	3000
	4.5	Height of mast, extended	h4(mm)	4040	4040	4040
	4.7	Height of overhead guard (cabin)	h6(mm)	2150	2150	2150
	4.8	Height of seat/stand-on platform	h7(mm)	1157	1157	1157
	4.12	Coupling height	h10(mm)	640	640	640
	4.19	Overall length	l1(mm)	3188	3188	3232
	4.20	Length to face of forks	l2(mm)	2188	2188	2232
	4.21	Overall width	b1/b2 (mm)	1120	1120	1220
	4.22	Fork dimensions ISO 2331	sxexl(mm)	40x100x1000	40x100x1000	40x100x1000
	4.23	Fork carriage to ISO 2338, class/type A, B		2A	2A	2A
	4.24	Fork-carriage width	b3(mm)	1040	1040	1040
	4.31	Ground clearance, laden, below mast	m1(mm)	100	100	100
	4.32	Ground clearance, centre of wheelbase	m2(mm)	120	120	120
	4.33	Aisle width with pallet 1000 x 1200 across forks	Asl(mm)	3526	3526	3626
	4.34	Aisle width with pallet 800 x 1200 along forks	Asl(mm)	3725	3725	3825
	4.35	Turning radius	Va(mm)	1870	1870	1970
	4.36	Minimum pivoting point distance	b13(mm)	536	536	536
Performance Data	5.1	Travel speed, laden/unladen	km/h	15/15	15/15	15/15
	5.2	Lift speed, laden/unladen	m/s	0.36/0.48	0.32/0.48	0.32/0.48
	5.3	Lowering speed, lade/unladen	m/s	0.43/0.47	0.44/0.48	0.43/0.48
	5.6	Max. drawbar pull, laden/unladen	N	10700/7300	10600/7500	10500/7500
	5.8	Max. gradeability, laden/unladen	%	18/20	18/20	15/18
	5.9	Acceleration time, laden/unladen	s	6.01/5.42	6.34/5.67	6.64/5.88
Electric Engine	5.10	Service brake		Mechanical Hydraulic	Mechanical Hydraulic	Mechanical Hydraulic
	6.1	Drive motor rating S2 60 min	kW	8.8	8.8	8.8
	6.2	Lift motor rating at S3 15%	kW	11.5	11.5	11.5
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		NA	NA	NA
	6.4	Battery voltage/nominal capacity K5	V/Ah	80V228Ah	80V228Ah	80V228Ah
	6.5	Battery weight (E)	kg	210	210	210
Misc	10.1	Operating pressure for attachments	bar	150	170	185
	10.2	Oil flow for attachments	l/min	22	22	22
	10.7	Sound pressure level at the driver's seat	dB(A)	65	65	65

Subject to modification in the interests of progress, illustration and technical details not binding for actual constructions and may show the optional equipments.



Li-Ion
TECHNOLOGY

STILL

100
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We make material handling
SIMPLE

STILL provides tailor-made internal logistics solutions worldwide and provides smart networking solutions for forklift trucks and warehouse technology, software, services, and maintenance. The company—founded by Hans Still in 1920 with a great deal of creativity, entrepreneurial spirit, and quality—quickly developed into a world renowned and strong brand. Today, around 9000 qualified employees from Research and Development, Production, Sales and Service work to meet the requirements of customers all over the world.

STILL is part of the KION Group, which is the largest manufacturer of both forklift trucks and warehouse trucks in Europe, measured by units. The KION Group is a global enterprise made up of more than 41,000 employees in more than 100 countries.

Our culture is shaped by the shared values of the KION Group: integrity, collaboration, courage, and excellence.

first in intralogistics

STILL KSE 15/18/20
Electric Counterbalance Forklift



Note: Color shown may differ from actual product.



MAIN CONFIGURATION AND FEATURES



HIGH EFFICIENCY

- KION digital controller
- KION producer JULI motor
- Local software development in Germany



FELXIBLE

Li-ion dedicated version, smaller turning radius and aisle width, saves the operation space and more flexible



STRONG POWER

Full load Max. climbing 18%, shortening acceleration time, mast lifting speed fast, lost load height reaching 4250mm



CONVENIENT MAINTENANCE

- Adopt easy maintenance design concept, major parts replacement time is shortened by 15%.
- Apply high-quality oil and filters to reduce replacement frequency and maintenance costs.
- Component structure layout and routing are reasonable
- Li-ion battery: 5 years or 10000 hours



STANDARD OPTION

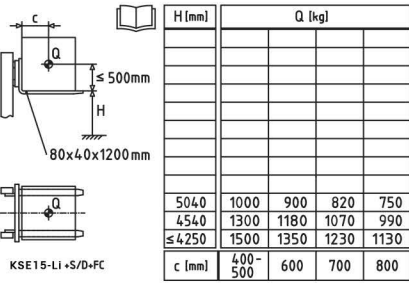
Li-ion heating system/ Side charging port/ Colorful display/ 80V228Ah Li-ion battery. Optional: Cold store Mast height Max. 6.5 meters.



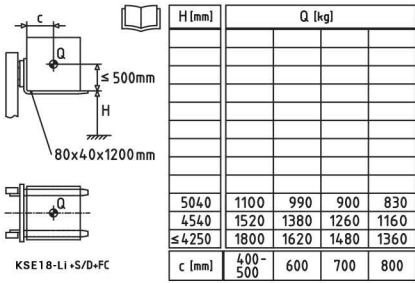
Mast Specifications

Standard Masts	Lift height (1.5/1.8/2t)	h3(mm)	3000	3500	4000	4500	5000
	Retracted height (1.5/1.8t)	h1(mm)	2068	2318	2568	2818	3118
	Retracted height (2t)	h1(mm)	2076	2326	2576	2826	3126
	Free lift (With LBR) (1.5/1.8/2t)	h2(mm)	150	150	150	150	150
	Free lift (Without LBR) (1.5/1.8/2t)	h2(mm)	150	150	150	150	150
	Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4(mm)	4040	4540	5040	5540	6040
	Height of overall at max. lift (Without LBR) (1.5t)	h4(mm)	3511	4011	4511	5011	5511
Duplex Masts	Height of overall at max. lift (Without LBR) (1.8/2t)	h4(mm)	3651	4151	4651	5151	5651
	Lift height (1.5/1.8/2t)	h3(mm)	3000	3500	4000	-	-
	Retracted height (1.5/1.8t)	h1(mm)	2033	2283	2533	-	-
	Retracted height (2t)	h1(mm)	2041	2291	2541	-	-
	Free lift (With LBR) (1.5/1.8/2t)	h2(mm)	990	1240	1490	-	-
	Free lift (Without LBR) (1.5t)	h2(mm)	1525	1775	2025	-	-
	Free lift (Without LBR) (1.8/2t)	h2(mm)	1385	1635	1885	-	-
Triplex Masts	Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4(mm)	4040	4540	5040	-	-
	Height of overall at max. lift (Without LBR) (1.5t)	h4(mm)	3511	4011	4511	-	-
	Height of overall at max. lift (Without LBR) (1.8/2t)	h4(mm)	3651	4151	4651	-	-
	Lift height (1.5/1.8/2t)	h3(mm)	4100	4550	5000	5500	6000
	Retracted height (1.5/1.8t)	h1(mm)	1983	2133	2283	2533	2783
	Retracted height (2t)	h1(mm)	1991	2141	2291	2541	2791
	Free lift (With LBR) (1.5/1.8/2t)	h2(mm)	940	1090	1240	1490	1740
	Free lift (Without LBR) (1.5t)	h2(mm)	1475	1625	1775	2025	2275
	Free lift (Without LBR) (1.8/2t)	h2(mm)	1335	1485	1635	1885	2135
	Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4(mm)	5140	5590	6040	6540	7040
	Height of overall at max. lift (Without LBR) (1.5t)	h4(mm)	4611	5061	5511	6011	6511
	Height of overall at max. lift (Without LBR) (1.8/2t)	h4(mm)	4751	5201	5651	6151	6651

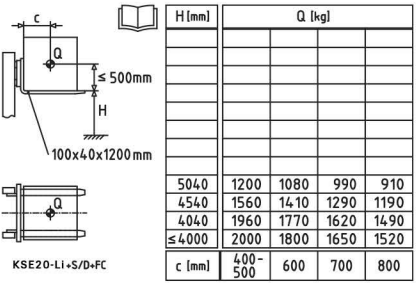
KSE15-Li-01 Standard mast residual capacity chart



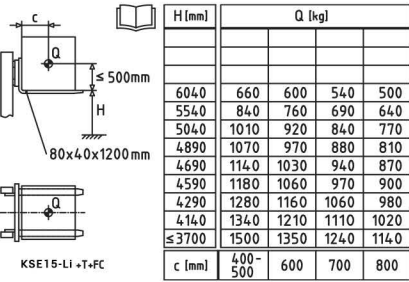
KSE18-Li-01 Standard mast residual capacity chart



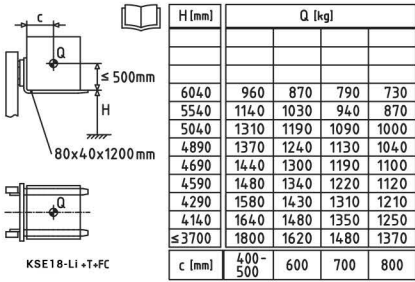
KSE20-Li-01 Standard mast residual capacity chart



KSE15-Li-01 Triplex mast residual capacity chart



KSE18-Li-01 Triplex mast residual capacity chart



KSE20-Li-01 Triplex mast residual capacity chart

