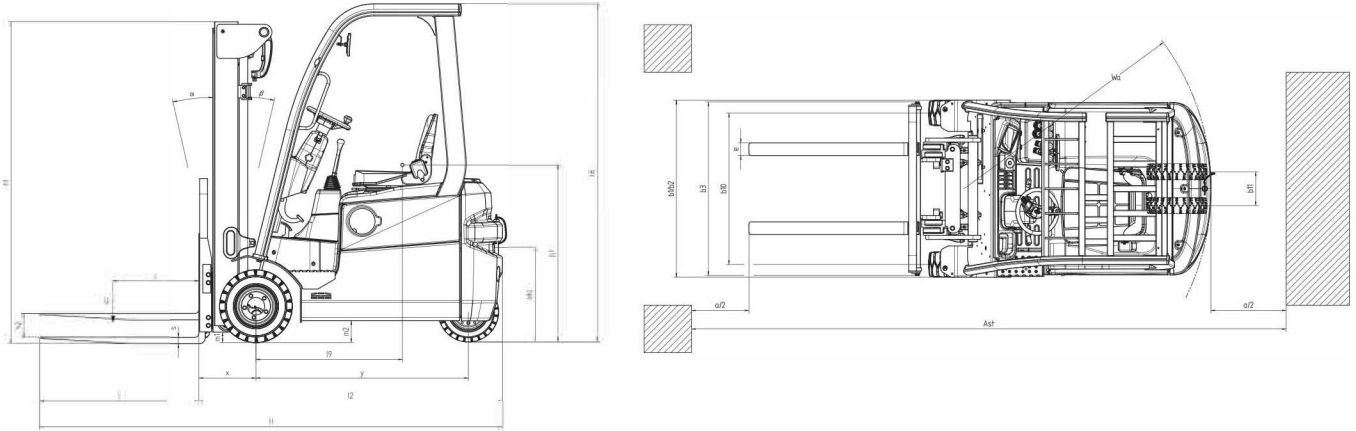


Technical Specifications

Distinguishing Mark	1.1	Manufacturer		STILL	STILL	STILL
	1.21	Configuration code		KSET 15-Li-01	KSET 18-Li-01	KSET 20-Li-01
	1.3	Drive		Electric	Electric	Electric
	1.4	Operator type		Seated	Seated	Seated
	1.5	Rated capacity/Rated load	Q(t)	1.5	1.8	2
	1.6	Load centre distance	c(mm)	500	500	500
Weight	1.8	Load distance,centre of drive axle to fork	x(mm)	360	360	360
	1.9	Wheelbase	y(mm)	1340	1340	1370
	2.1	Service weight	kg	2930	3215	3500
Tyres/Chassis	2.2	Axle loading,laden front/rear	kg	3940/490	4425/590	4790/710
	2.3	Axle loading,unladen front/rear	kg	1455/1475	1465/1750	1500/2000
	3.1	Tyres:SE=solid,P=pneumatic		SE	SE	SE
Basic Dimensions	3.2	Tyre size,front		18*7-8	200/50-10	200/50-10
	3.3	Tyre size,rear		15*4 1/2 - 8	140/55-9	16x6-8
	3.5	Wheels,number front/rear(x=driven wheels)		2X /2	2X /2	2X /2
Performance Data	3.6	Tread,front	b10(mm)	948	978	978
	3.7	Tread,rear	b11(mm)	216	220	220
	4.1	Tilt of mast/fork carriage forward/backward	a/b(°)	6/7	6/7	6/7
Electric Engine	4.2	Height of mast,lowered	h1(mm)	2050	2050	2050
	4.3	Free lift	h2(mm)	150	150	150
	4.4	Lift	h3(mm)	3000	3000	3000
Misc	4.5	Height of mast,extended	h4(mm)	4040	4040	4040
	4.7	Height of overhead guard(cabin)	h6(mm)	2130	2130	2130
	4.8	Height of seat/stand-on platform	h7(mm)	1120	1120	1130
	4.12	Coupling height	h10(mm)	590	590	590
	4.19	Overall length	l1(mm)	2928	2928	2965
	4.20	Length to face of forks	l2(mm)	1928	1928	1965
	4.21	Overall width	b1/b2(mm)	1120	1180	1180
	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)	90	96	96
	4.32	Ground clearance,centre of wheelbase	m2(mm)	100	100	100
	4.33	Aisle width with pallet 1000x1200 across forks	Ast(mm)	3251	3251	3296
	4.34	Aisle width with pallet 800x1200 across forks	Ast(mm)	3375	3375	3420
	4.35	Turning radius	Wa(mm)	1565	1565	1610
	5.1	Travel speed,laden/unladen	km/h	16/16	16/16	16/16
	5.2	Lift speed,laden/unladen	m/s	0.36/0.47	0.32/0.47	0.32/0.50
	5.3	Lowering speed,laden/unladen	m/s	0.43/0.44	0.43/0.44	0.42/0.46
	5.6	Max.drawbar pull,laden/unladen	N	10500/7900	10300/8200	11300/8800
	5.8	Max.gradeability,laden/unladen	%	18/20	18/20	18/20
	5.10	Service brake		Mechanical Hydraulic	Mechanical Hydraulic	Mechanical Hydraulic
	6.1	Drive motor rating S2 60min	Kw	4.6*2	4.6*2	4.6*2
	6.2	Lifting motor rating S3 15%	Kw	11.5	11.5	11.5
	6.4	Battery voltage/nominal capacity K5	V/Ah	80V/205Ah	80V/205Ah	80V/205Ah
	6.5	Battery weight(E)	kg	200	200	200
	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)	68	68	68

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



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

smaller turning radius and aisle width with 90° large turning angle steering axle, steering angle sensor as standard,saves the operation space and more flexible

STRONG POWER

KION dual AC Drive motor,full load Max.climbing 18%, shortening acceleration time, mast lifting speed fast

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 / Energy Management System. Optional: Cold store Mast height Max. 6.5 meters.



Mast Specifications

Standard Massts	Lift height (1.5/1.8/2t)	h3(mm)	3000	3500	4000	4500	5000	-	-	-
	Retracted height (1.5/1.8/2t)	h1(mm)	2050	2300	2550	2800	3100	-	-	-
	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	-	-	-
Duplex Massts	Height of overall at max. lift (Without LBR) (1.5t)	h4(mm)	3511	4011	4511	5011	5511	-	-	-
	Height of overall at max. lifth (Without LBR) (1.8/2t)	h4(mm)	3651	4151	4651	5151	5651	-	-	-
	Lift height (1.5/1.8/2t)	h3(mm)	2500	2700	3000	3300	3500	4000	-	-
	Retracted height (1.5/1.8/2t)	h1(mm)	1765	1865	2015	2165	2265	2515	-	-
	Free lift (With LBR) (1.5/1.8/2t)	h2(mm)	740	840	990	1140	1240	1490	-	--
Triplex Massts	Free lift (Without LBR) (1.5/1.8/2t)	h2(mm)	1004	1104	1254	1404	1504	1754	-	-
	Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4(mm)	3540	3740	4040	4340	4540	5040	-	-
	Height of overall at max. lift (Without LBR) (1.5/1.8/2t)	h4(mm)	3151	3351	3651	3951	4151	4651	-	-
	Lift height (1.5/1.8/2t)	h3(mm)	4100	4250	4550	4700	4850	5000	5500	6000
	Retracted height (1.5/1.8/2t)	h1(mm)	1965	2015	2115	2165	2215	2265	2515	2765
Triplex Massts	Free lift (With LBR) (1.5/1.8/2t)	h2(mm)	940	990	1090	1140	1190	1240	1490	1740
	Free lift (Without LBR) (1.5/1.8/2t)	h2(mm)	1298	1348	1448	1498	1548	1598	1848	2098
	Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4(mm)	5140	5290	5590	5740	5890	6040	6540	7040
	Height of overall at max. lift (Without LBR) (1.5/1.8/2t)	h4(mm)	4751	4901	5201	5351	5501	5651	6151	6651

