

Load capacity 1500 / 1800 KGS
Efficient, fast and environmentally friendly
Suitable for small space work
Economical
Compact
Small turning radius
Drive by lithium battery

3WEF15 / 3WEF18 3-WHEEL ELECTRIC FORKLIFT



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.



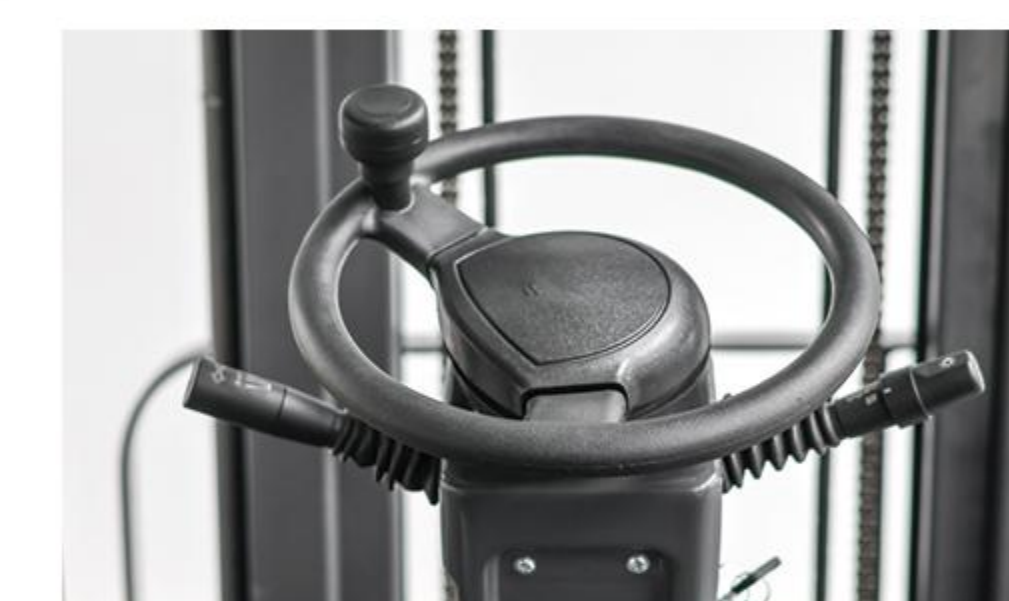
Foot acceleration
Foot braking



Safety handbrake



Brake lights and turn signals



Hydraulic steering operation



Emergency switch +
Pin-code lock



Battery Indicator

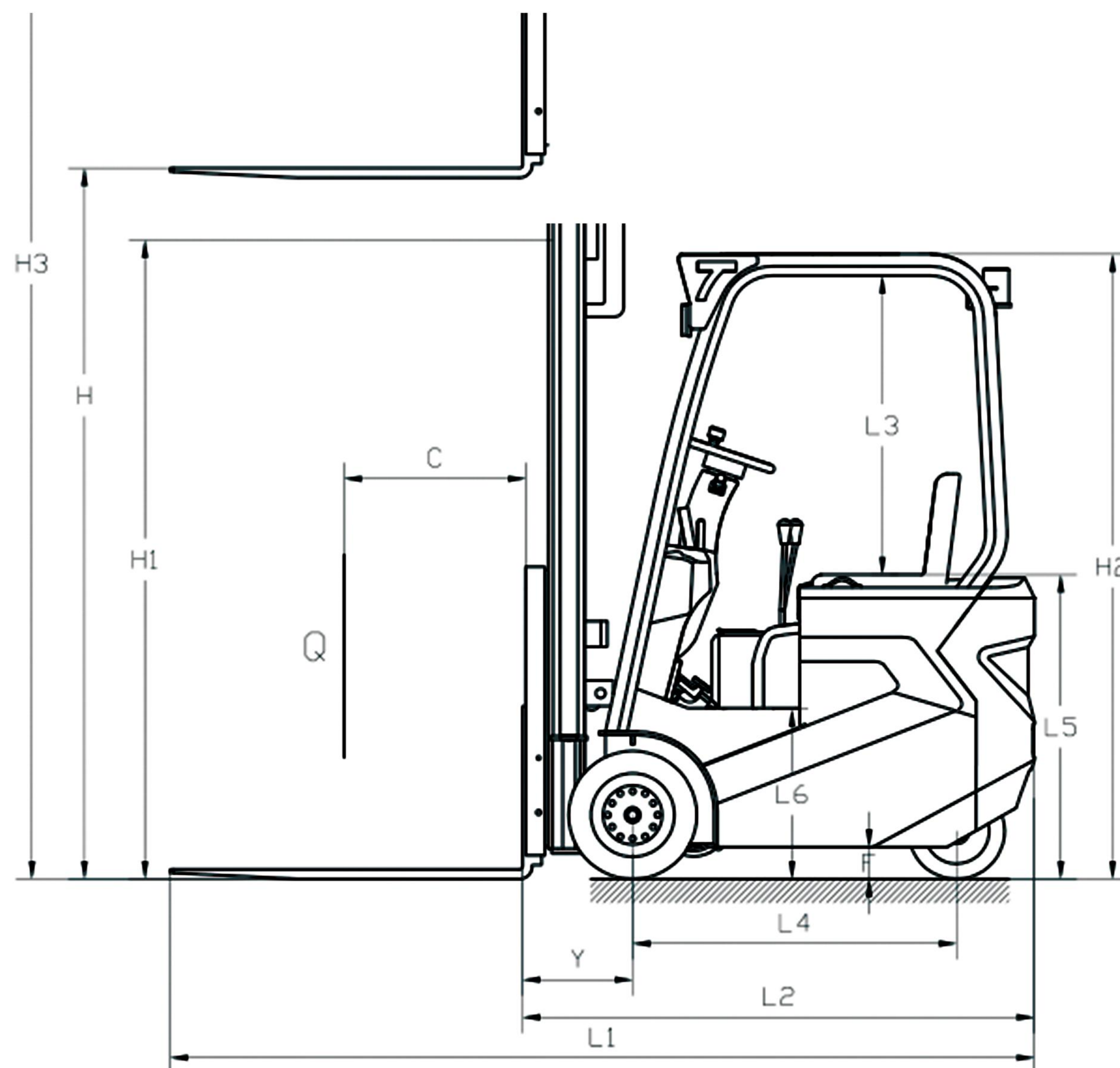
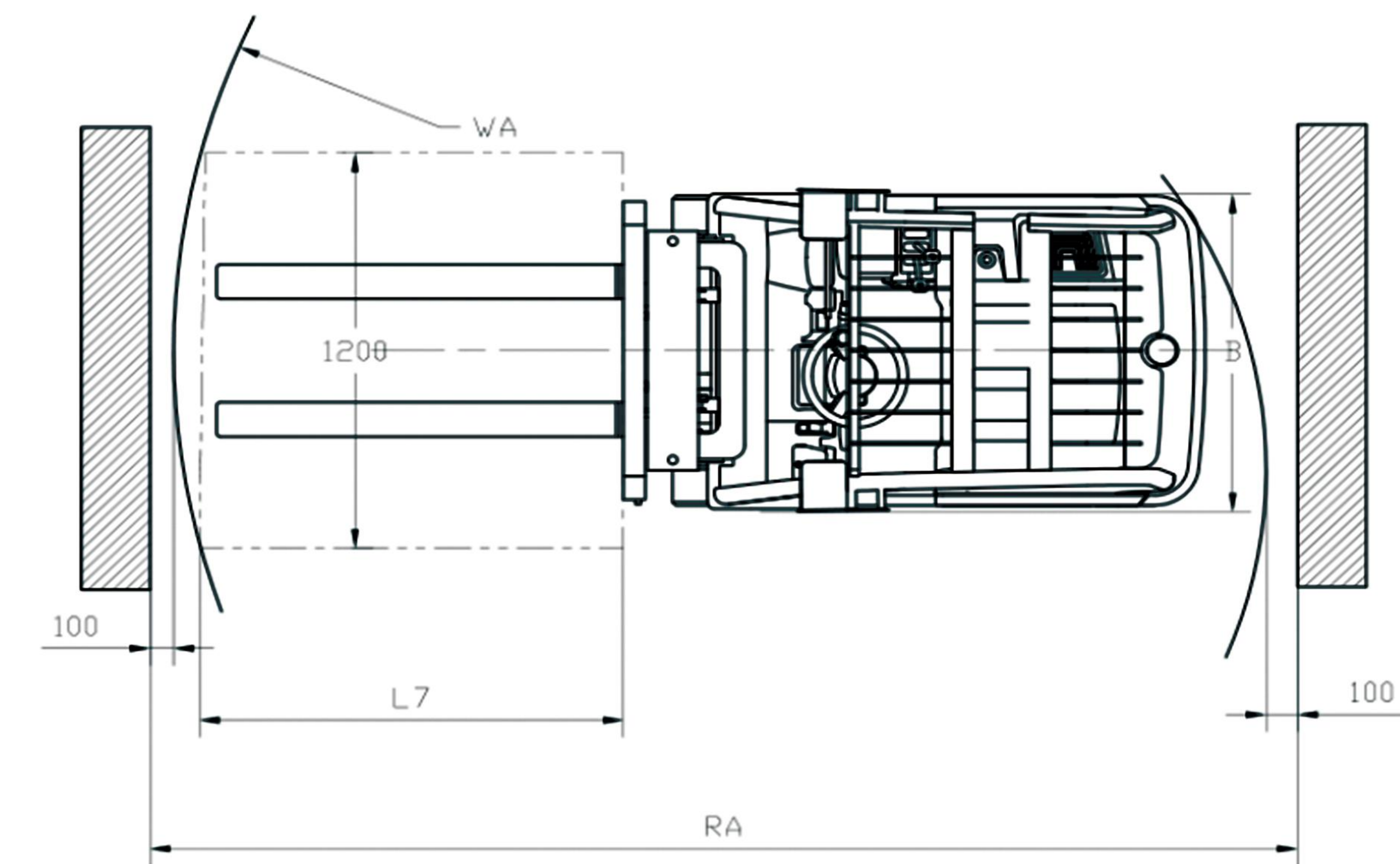


The handle is easily
accessible



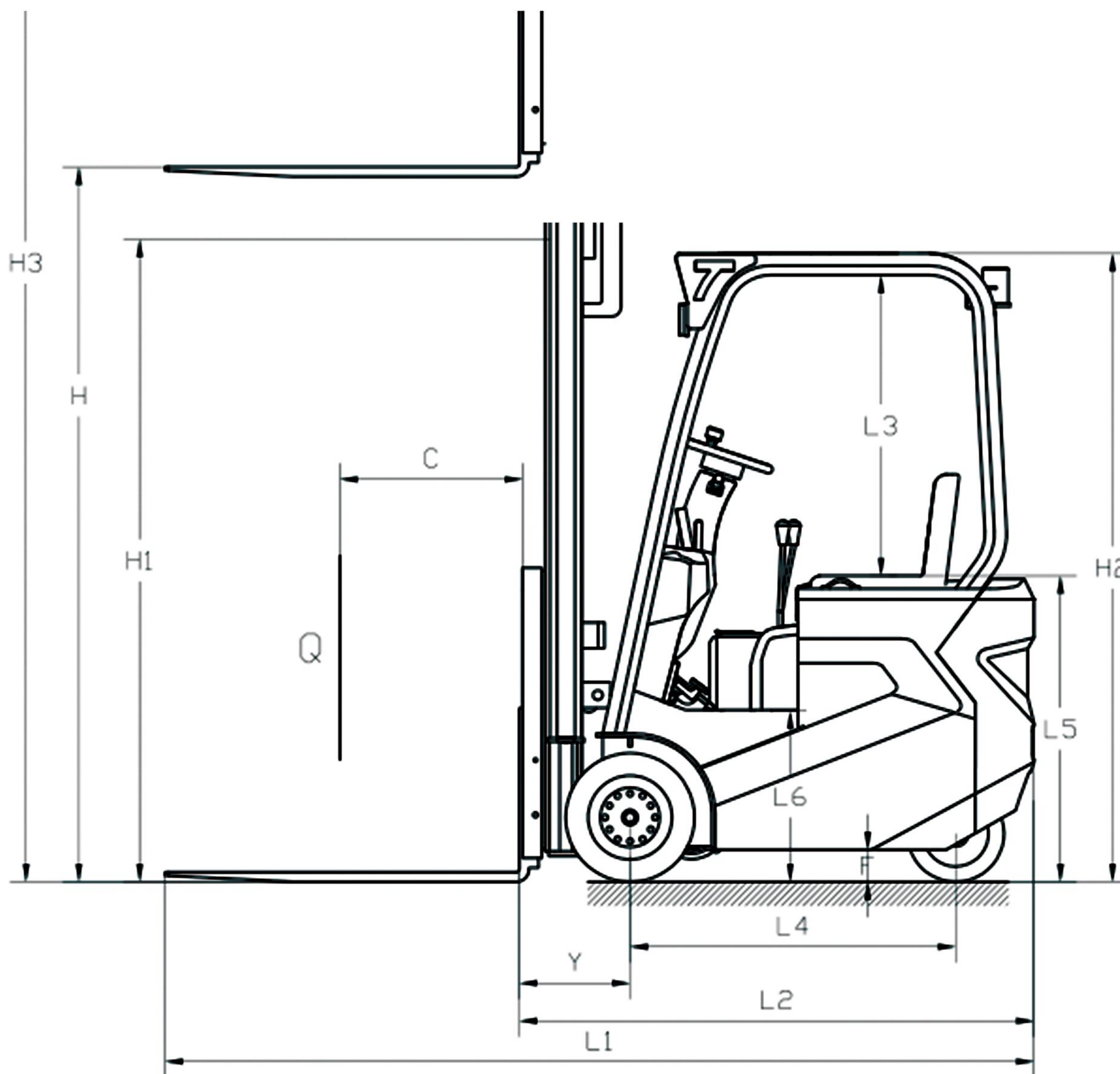
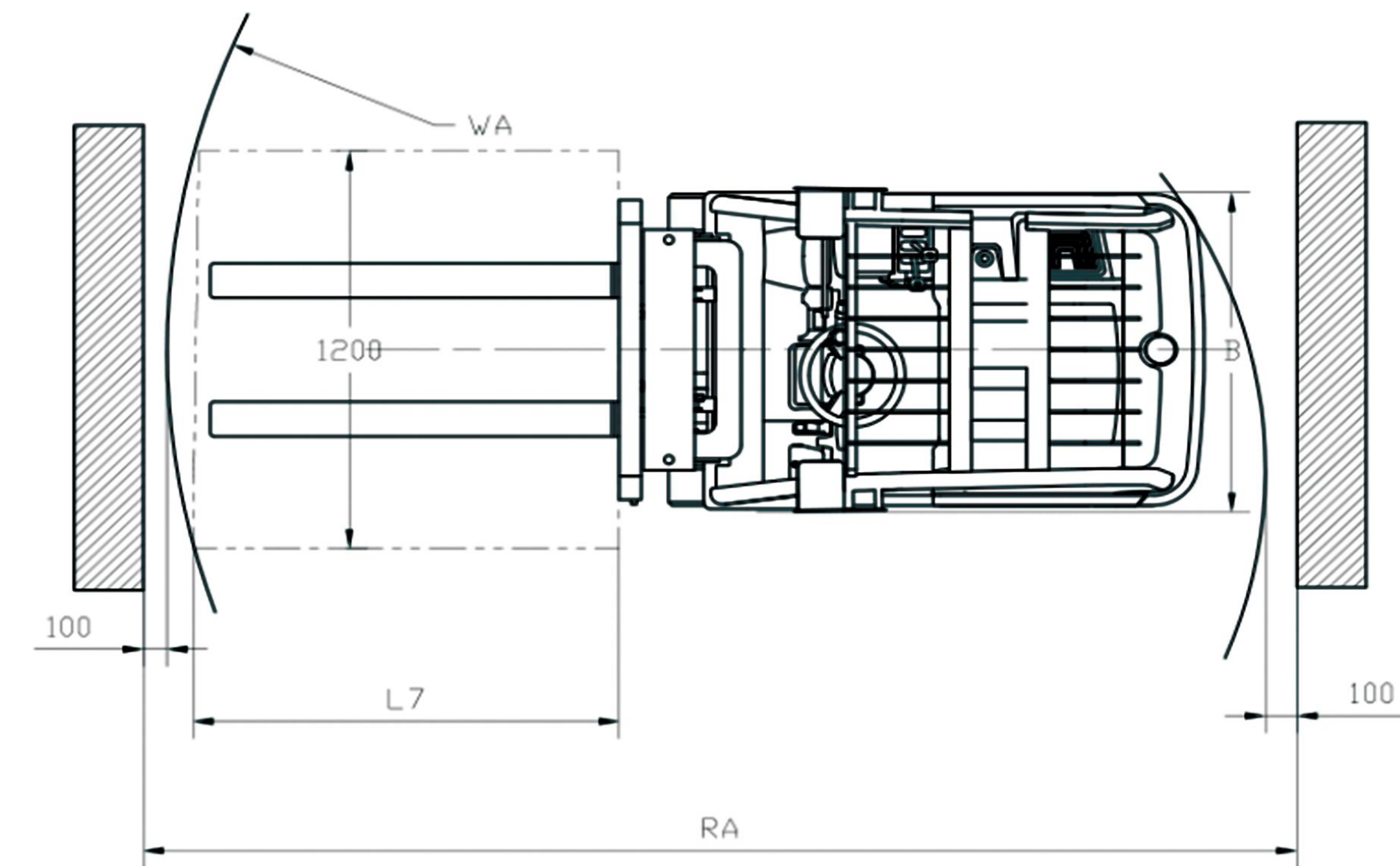
Ergonomic chair





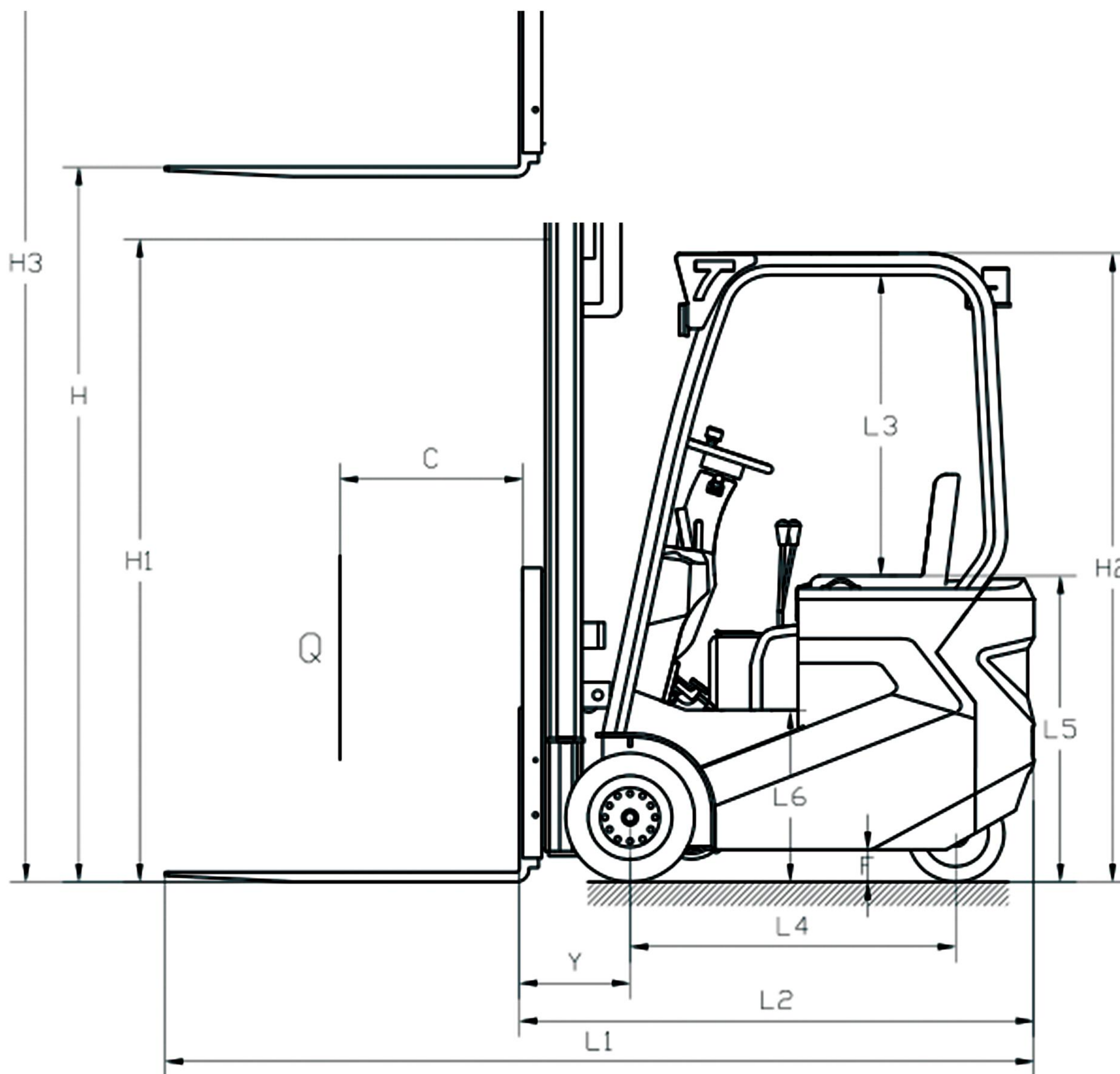
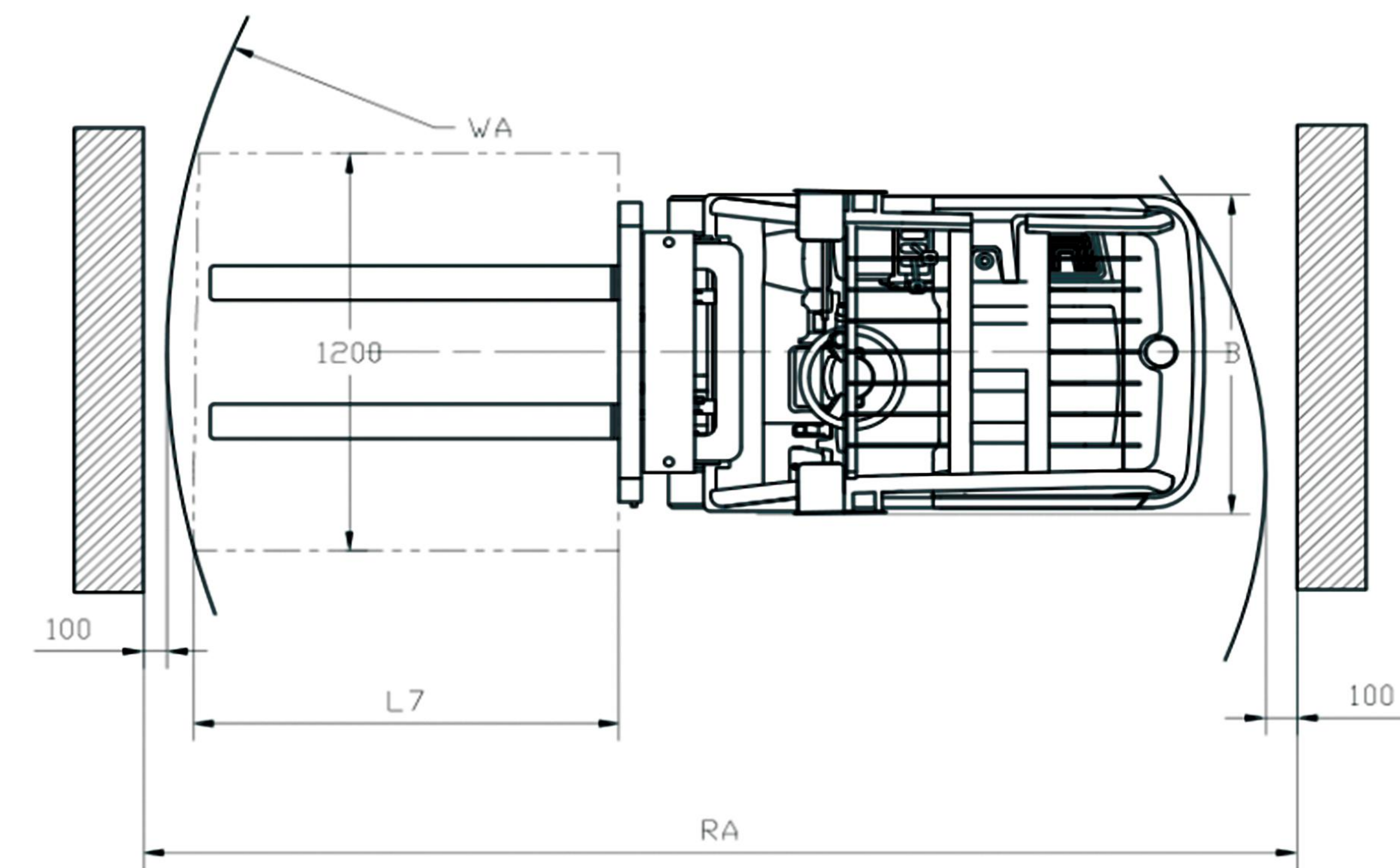
Technical Specification

Model	3WEF15 3M (Duplex mast without sideshift)			3WEF15 3M (Duplex mast with sideshift)	3WEF15 3.5M (Duplex mast without sideshift)	
Mast type				H type steel		
Drive mode				Front wheel drive		
Operation type				Sit-on drive		
Load capacity	kg				1500	
Load center	mm				400	
Wheelbase	L4	mm				1220
EPS(With/Without)				Without		
Service weight (without battery)	kg		2420	2440	2445	
Service weight (with battery)	kg		2500	2520	2525	
Wheel material				Rubber		
Wheel size, Front wheel	mm				450×140	
Numbers of wheels (Hydraulic steering)				4		
Steering wheel	mm				380×110	
Mast height when lowered	H1	mm	2075	2075	2325	
Overall length	L1	mm	2871	2919	2871	
Body width	mm				1014	
Overall width	mm				1040	
Roof height	H2	mm				1992
Max height when operation	H3	mm	3862	4049	4362	
Lift height	H	mm	80~3000	80~3000	80~3500	
Ground clearance	F	mm				90
Fork length	mm				1070	
Fork outside width	mm				200~800	
Min.turning radius	WA	mm				1603
Fork Min.height	mm				80	
Fork thickness	mm				35	
Fork width	mm				100	
Lift free height	mm		/	/	/	
Fork lean forward / backforward angle	°				3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3165	3203	3155	
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3460	3499	3460	
Travel speed, Laden / unladen	km/h				8.0/9.0	
Lift speed, laden / unladen	mm/s				184/194	
Lowering speed, laden / unladen	mm/s		141/182	186/179	186/179	
Max.gradeability, laden / unladen	%				10	
Drive motor power	kw				4	
Lift motor power	kw				3.5	
Battery voltage,nominal capacity	V/Ah				48/135	
Battery weight	kg				80	
Battery size (L×W×H)	mm				682×300×420	
Brake				Hydraulic brake		



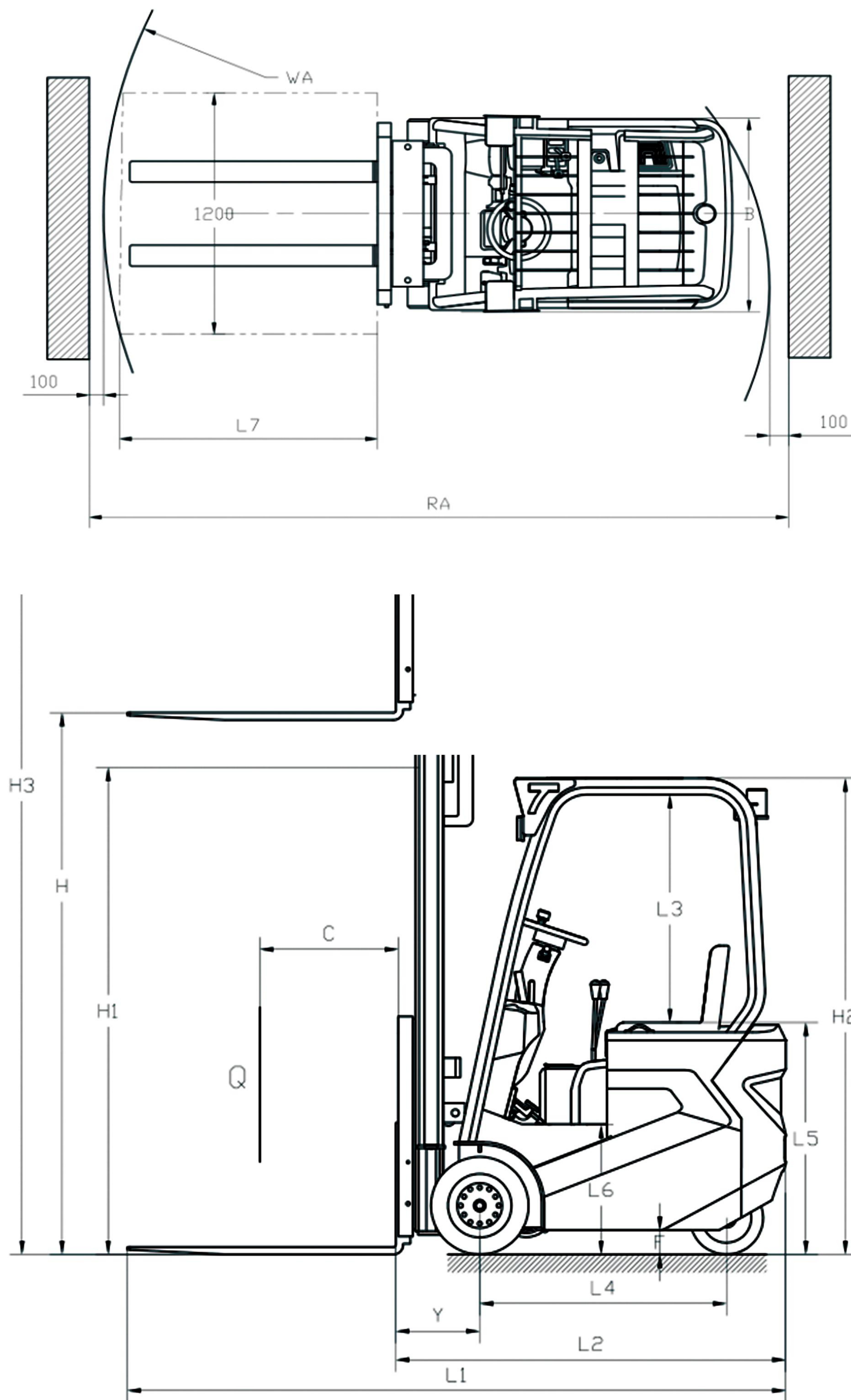
Technical Specification

Model		3WEF15 3.5M (Duplex mast with sideshift)	3WEF15 4M (Triplex mast without sideshift)	3WEF15 4M (Triplex mast with sideshift)
Mast type		H type steel		
Drive mode		Front wheel drive		
Operation type		Sit-on drive		
Load capacity	kg	1500		
Load center	mm	400		
Wheelbase	L4 mm	1220		
EPS(With/Without)		Without		
Service weight (without battery)	kg	2465	2635	2655
Service weight (with battery)	kg	2545	2715	2735
Wheel material		Rubber		
Wheel size, Front wheel	mm	450×140		
Numbers of wheels (Hydraulic steering)		4		
Steering wheel	mm	380×110		
Mast height when lowered	H1 mm	2325	1920	1920
Overall length	L1 mm	2919	2871	2919
Body width	mm	1014		
Overall width	mm	1040		
Roof height	H2 mm	1992		
Max height when operation	H3 mm	4549	4808	4995
Lift height	H mm	80~3500	80~3500	80~4000
Ground clearance	F mm	90		
Fork length	mm	1070		
Fork outside width	mm	200~800		
Min.turning radius	WA mm	1603		
Fork Min.height	mm	80		
Fork thickness	mm	35		
Fork width	mm	100		
Lift free height	mm	/	1375	1375
Fork lean forward / backforward angle	°	3/5		
Aisle width for pallets 800 x 1200 lengthway	RA mm	3203	3172	3208
Aisle width for pallets 1000 x 1000 crossway	RA mm	3499	3473	3503
Travel speed, Laden / unladen	km/h	8.0/9.0		
Lift speed, laden / unladen	mm/s	184/194		
Lowering speed, laden / unladen	mm/s	186/179	186/179	186/179
Max.gradeability, laden / unladen	%	10		
Drive motor power	kw	4		
Lift motor power	kw	3.5		
Battery voltage,nominal capacity	V/Ah	48/135		
Battery weight	kg	80		
Battery size (L×W×H)	mm	682×300×420		
Brake		Hydraulic brake		



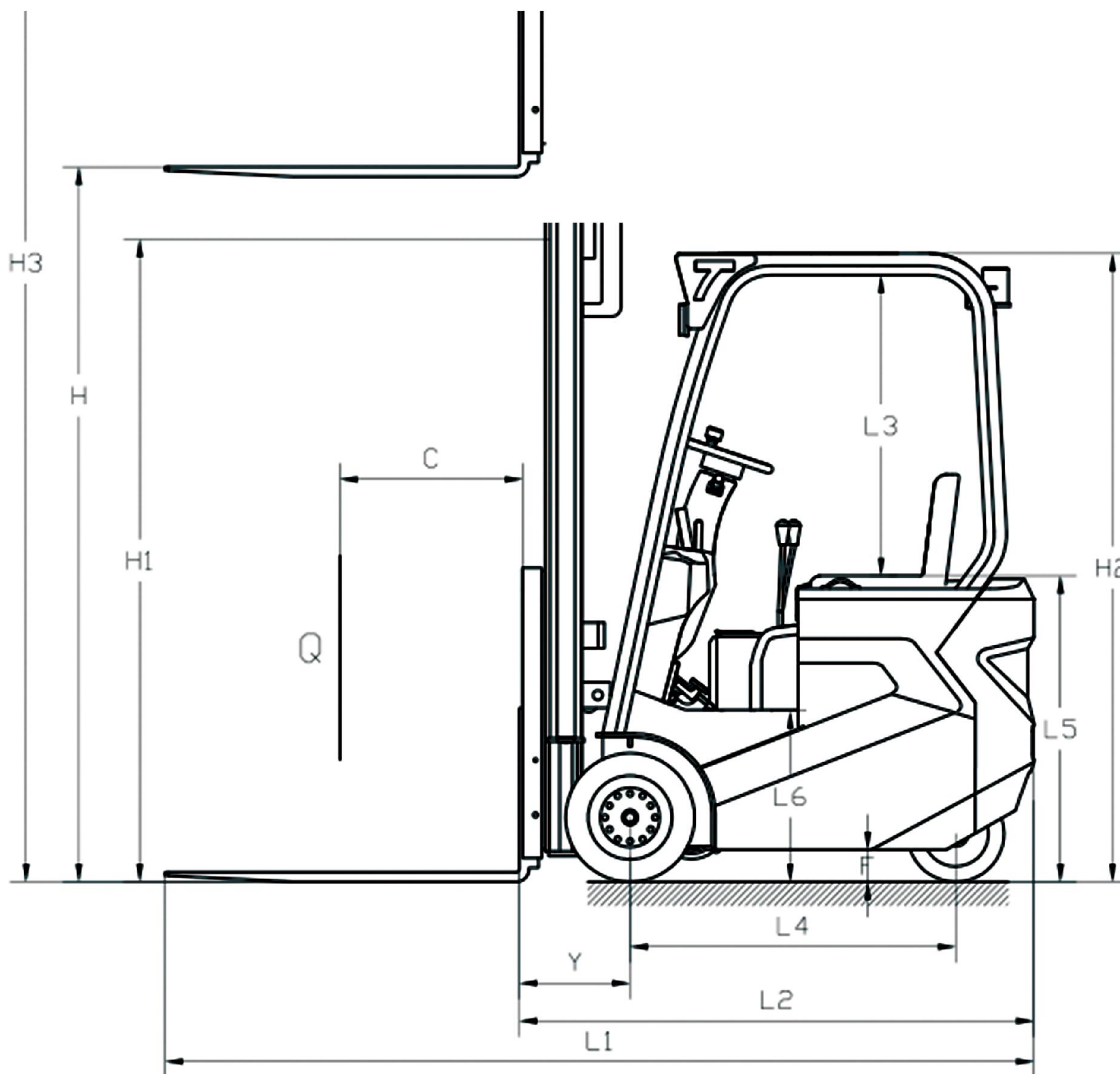
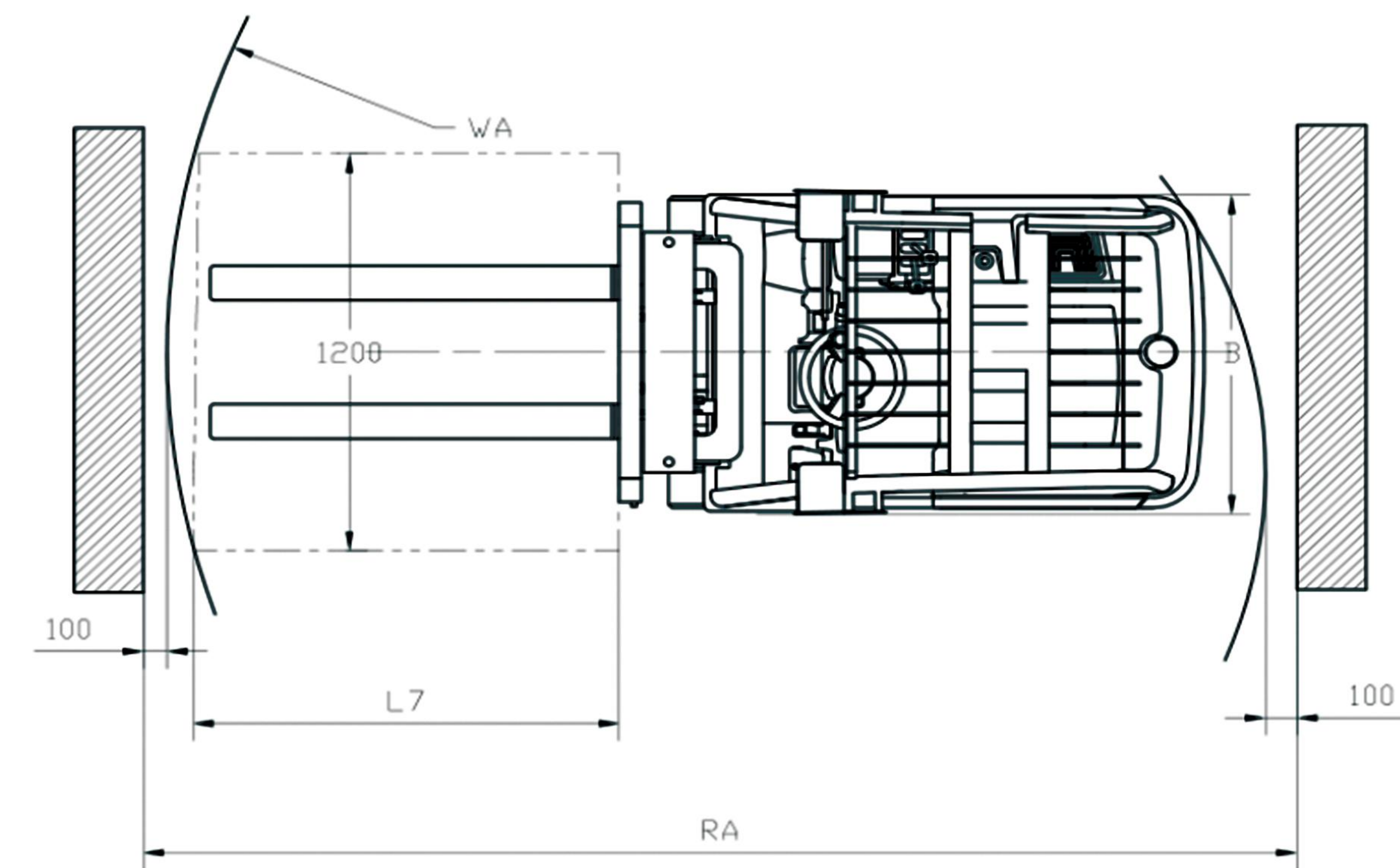
Technical Specification

Model		3WEF15 4.5M (Triplex mast without sideshift)	3WEF15 4.5M (Triplex mast with sideshift)	3WEF15 4.8M (Triplex mast without sideshift)
Mast type		H type steel		
Drive mode		Front wheel drive		
Operation type		Sit-on drive		
Load capacity	kg	1500		
Load center	mm	400		
Wheelbase	L4 mm	1220		
EPS(With/Without)		Without		
Service weight (without battery)	kg	2660	2680	2670
Service weight (with battery)	kg	2740	2760	2755
Wheel material		Rubber		
Wheel size, Front wheel	mm	450×140		
Numbers of wheels (Hydraulic steering)		4		
Steering wheel	mm	380×110		
Mast height when lowered	H1 mm	2085	2085	2185
Overall length	L1 mm	2871	2919	2888
Body width	mm	1014		
Overall width	mm	1040		
Roof height	H2 mm	1992		
Max height when operation	H3 mm	5303	5490	5603
Lift height	H mm	80~4500	80~4500	80~4800
Ground clearance	F mm	90		
Fork length	mm	1070		
Fork outside width	mm	200~800		
Min.turning radius	WA mm	1603		
Fork Min.height	mm	80		
Fork thickness	mm	35		
Fork width	mm	100		
Lift free height	mm	1740	1740	1640
Fork lean forward / backforward angle	°	3/5		
Aisle width for pallets 800 x 1200 lengthway	RA mm	3172	3208	3172
Aisle width for pallets 1000 x 1000 crossway	RA mm	3473	3503	3473
Travel speed, Laden / unladen	km/h	8.0/9.0		
Lift speed, laden / unladen	mm/s	184/194		
Lowering speed, laden / unladen	mm/s	186/179		
Max.gradeability, laden / unladen	%	10		
Drive motor power	kw	4		
Lift motor power	kw	3.5		
Battery voltage,nominal capacity	V/Ah	48/135		
Battery weight	kg	80		
Battery size (L×W×H)	mm	682×300×420		
Brake		Hydraulic brake		



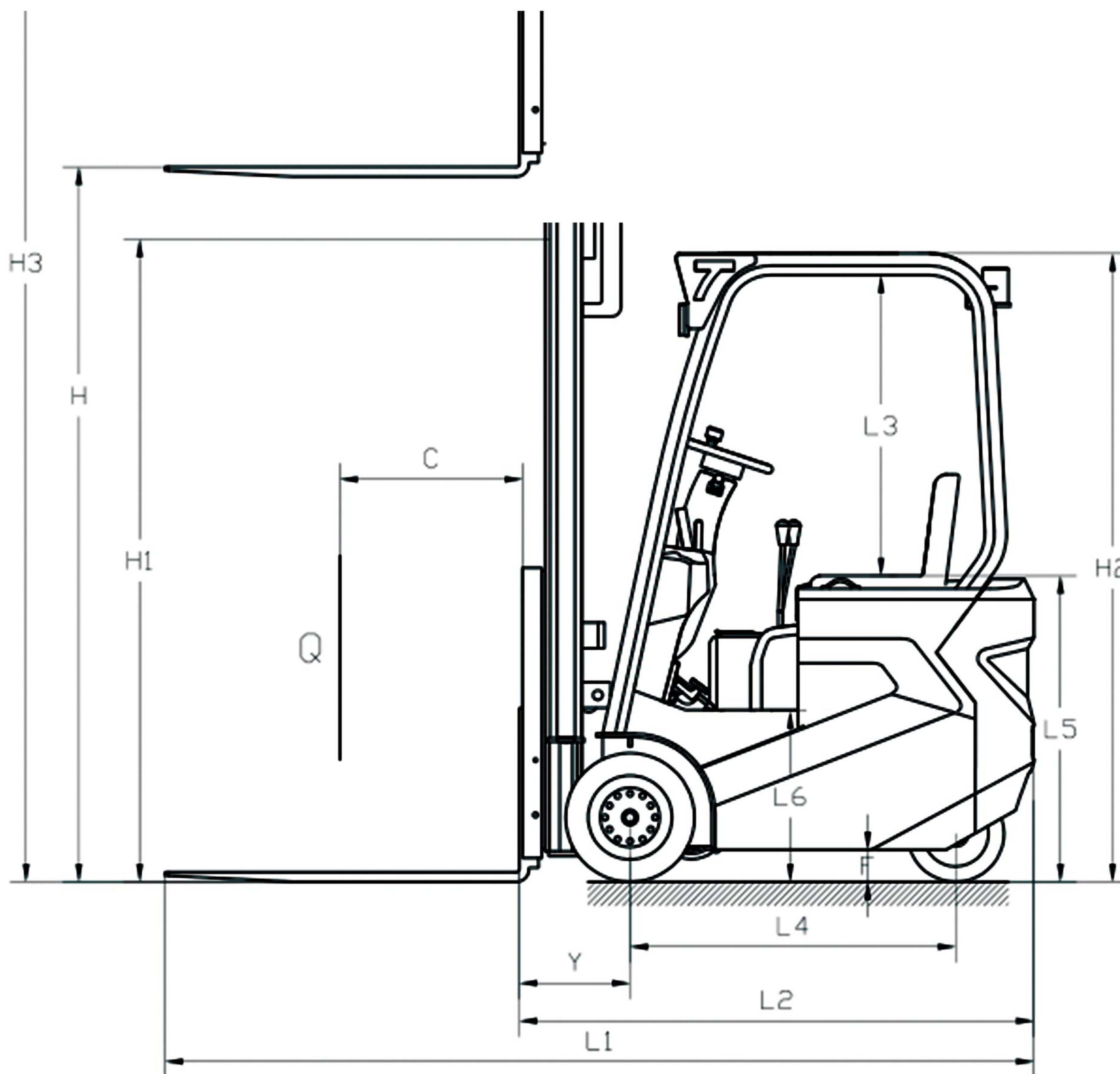
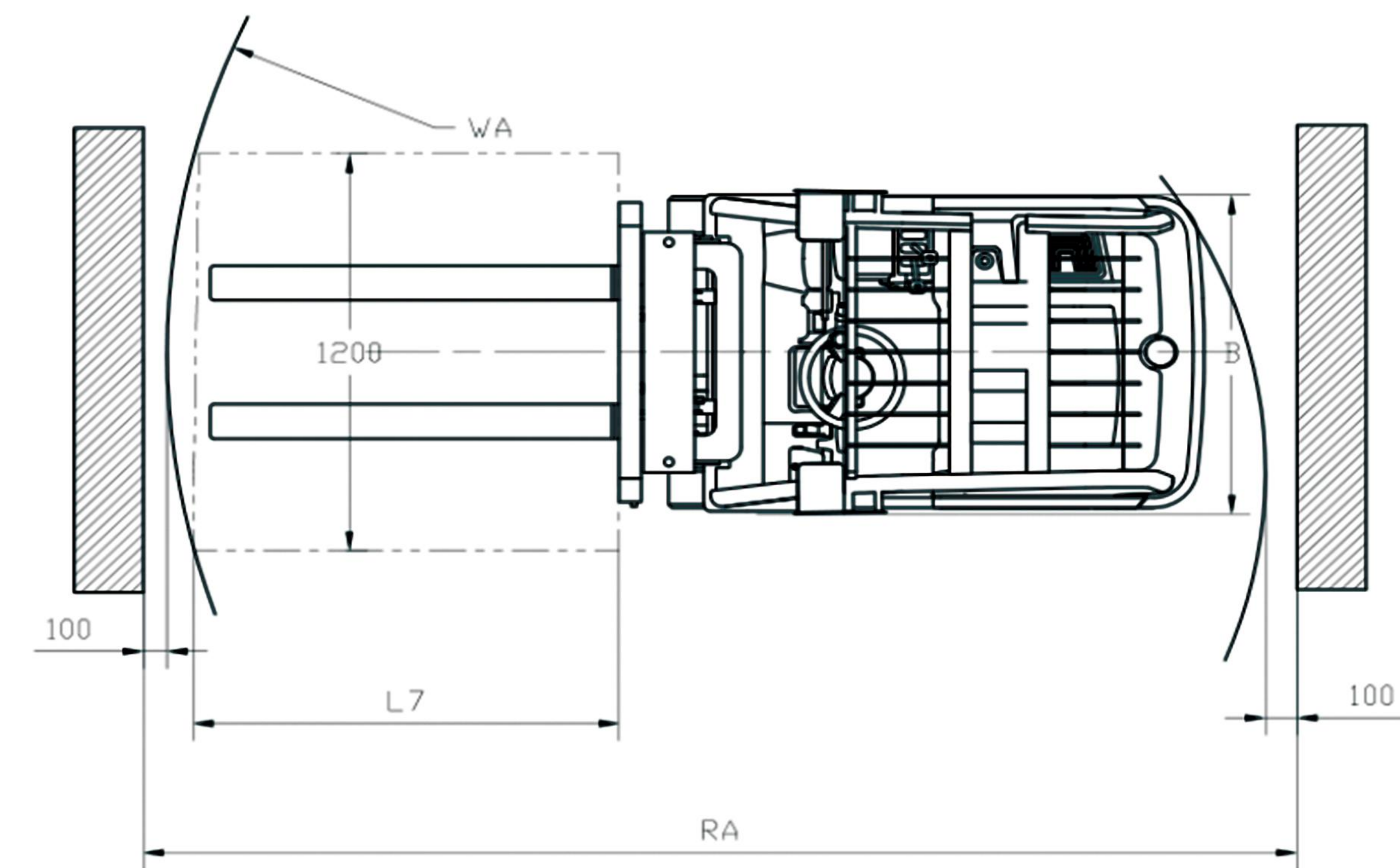
Technical Specification

Model		3WEF15 4.8M (Triplex mast with sideshift)	3WEF18 3M (Duplex mast without sideshift)	3WEF18 3M (Duplex mast with sideshift)
Mast type		H type steel		
Drive mode		Front wheel drive		
Operation type		Sit-on drive		
Load capacity	kg	1500	1800	1800
Load center	mm	400		
Wheelbase	L4 mm	1220	1370	1370
EPS(With/Without)		Without		
Service weight (without battery)	kg	2695	2735	2755
Service weight (with battery)	kg	2775	2865	2885
Wheel material		Rubber		
Wheel size, Front wheel	mm	450×140	445×168	445×168
Numbers of wheels (Hydraulic steering)		4		
Steering wheel	mm	380×110	384×135	384×135
Mast height when lowered	H1 mm	2185	2075	2075
Overall length	L1 mm	2924	3026	3074
Body width	mm	1014	1064	1064
Overall width	mm	1040	1078	1078
Roof height	H2 mm	1992		
Max height when operation	H3 mm	5799	3862	4049
Lift height	H mm	80~4800	80~3000	80~3000
Ground clearance	F mm	90		
Fork length	mm	1070		
Fork outside width	mm	200~800	240~800	240~800
Min.turning radius	WA mm	1603	1733	1733
Fork Min.height	mm	80		
Fork thickness	mm	35	40	40
Fork width	mm	100	120	120
Lift free height	mm	1640	/	/
Fork lean forward / backforward angle	°	3/5		
Aisle width for pallets 800 x 1200 lengthway	RA mm	3208	3305	3353
Aisle width for pallets 1000 x 1000 crossway	RA mm	3503	3610	3649
Travel speed, Laden / unladen	km/h	8.0/9.0		
Lift speed, laden / unladen	mm/s	184/194		
Lowering speed, laden / unladen	mm/s	186/179		
Max.gradeability, laden / unladen	%	10		
Drive motor power	kw	4	6	6
Lift motor power	kw	3.5	3.5	3.5
Battery voltage,nominal capacity	V/Ah	48/135	48/200	48/200
Battery weight	kg	80	130	130
Battery size (L×W×H)	mm	682×300×420	682×300×600	682×300×600
Brake		Hydraulic brake		



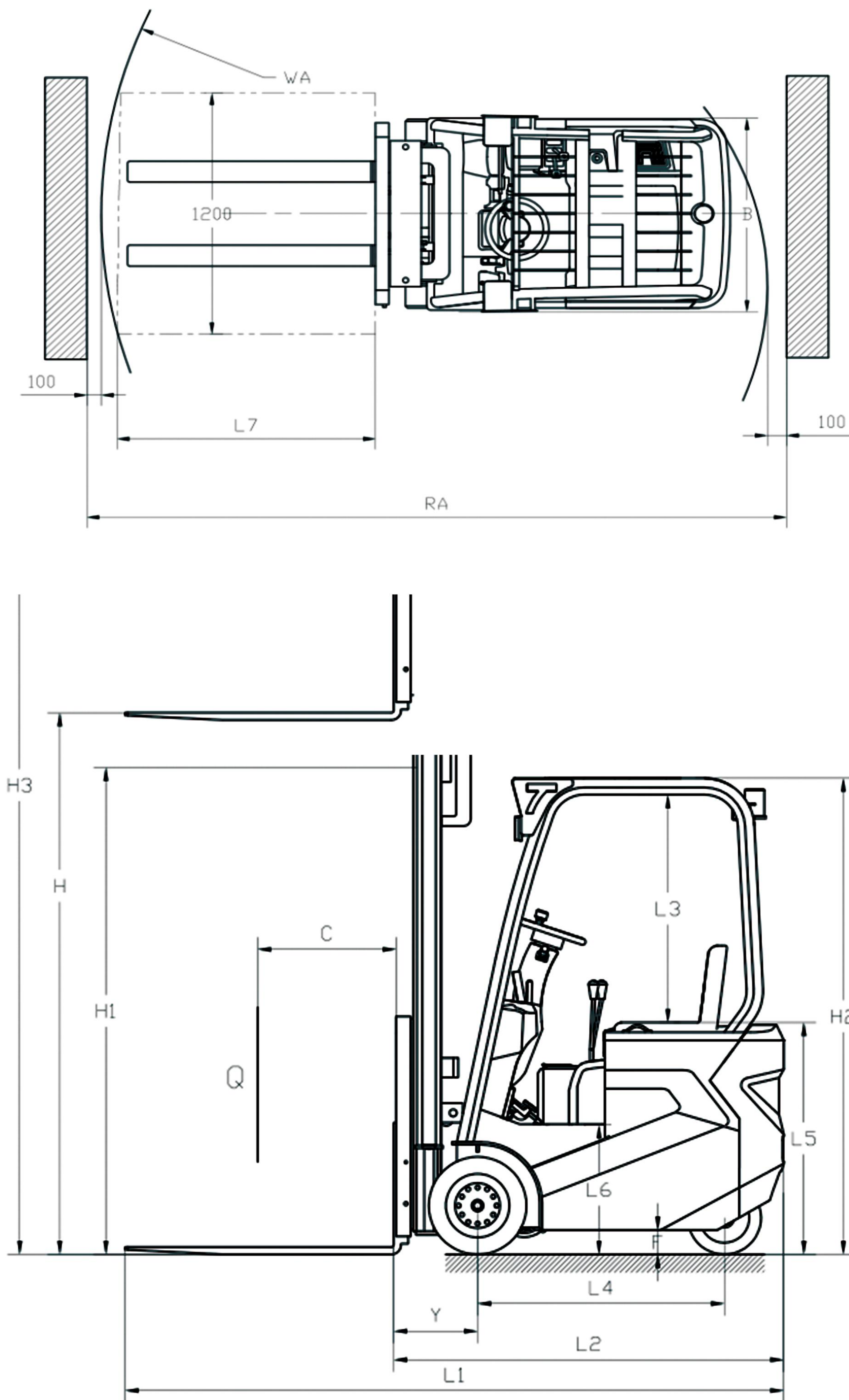
Technical Specification

Model	3WEF18 3.5M (Duplex mast without sideshift)		3WEF18 3.5M (Duplex mast with sideshift)	3WEF18 4M (Triplex mast without sideshift)
Mast type			H type steel	
Drive mode			Front wheel drive	
Operation type			Sit-on drive	
Load capacity	kg		1800	
Load center	mm		400	
Wheelbase	L4	mm	1370	
EPS(With/Without)			Without	
Service weight (without battery)	kg		2760	2950
Service weight (with battery)	kg		2890	3080
Wheel material			Rubber	
Wheel size, Front wheel	mm		445×168	
Numbers of wheels (Hydraulic steering)			4	
Steering wheel	mm		384×135	
Mast height when lowered	H1	mm	2325	1920
Overall length	L1	mm	3026	3043
Body width	mm		1064	
Overall width	mm		1078	
Roof height	H2	mm	1992	
Max height when operation	H3	mm	4362	4808
Lift height	H	mm	80~3500	80~4000
Ground clearance	F	mm	90	
Fork length	mm		1070	
Fork outside width	mm		240~800	
Min.turning radius	WA	mm	1733	
Fork Min.height	mm		80	
Fork thickness	mm		40	
Fork width	mm		120	
Lift free height	mm		/	1375
Fork lean forward / backforward angle	°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3155	3172
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3460	3473
Travel speed, Laden / unladen	km/h		8.0/9.0	
Lift speed, laden / unladen	mm/s		184/194	
Lowering speed, laden / unladen	mm/s		186/179	
Max.gradeability, laden / unladen	%		10	
Drive motor power	kw		6	
Lift motor power	kw		3.5	
Battery voltage,nominal capacity	V/Ah		48/200	
Battery weight	kg		130	
Battery size (L×W×H)	mm		682×300×600	
Brake			Hydraulic brake	



Technical Specification

Model		3WEF18 4M (Triplex mast with sideshift)	3WEF18 4.5M (Triplex mast without sideshift)	3WEF18 4.5M (Triplex mast with sideshift)
Mast type		H type steel		
Drive mode		Front wheel drive		
Operation type		Sit-on drive		
Load capacity	kg	1800		
Load center	mm	400		
Wheelbase	L4 mm	1370		
EPS(With/Without)		Without		
Service weight (without battery)	kg	2970	2975	2995
Service weight (with battery)	kg	3100	3105	3125
Wheel material		Rubber		
Wheel size, Front wheel	mm	445×168		
Numbers of wheels (Hydraulic steering)		4		
Steering wheel	mm	384×135		
Mast height when lowered	H1 mm	1920	2085	2085
Overall length	L1 mm	3079	3043	3079
Body width	mm	1064		
Overall width	mm	1078		
Roof height	H2 mm	1992		
Max height when operation	H3 mm	4995	5303	5490
Lift height	H mm	80~4000	80~4500	80~4500
Ground clearance	F mm	90		
Fork length	mm	1070		
Fork outside width	mm	240~800		
Min.turning radius	WA mm	1733		
Fork Min.height	mm	80		
Fork thickness	mm	40		
Fork width	mm	120		
Lift free height	mm	1375	1740	1740
Fork lean forward / backforward angle	°	3/5		
Aisle width for pallets 800 x 1200 lengthway	RA mm	3208	3172	3208
Aisle width for pallets 1000 x 1000 crossway	RA mm	3503	3473	3503
Travel speed, Laden / unladen	km/h	8.0/9.0		
Lift speed, laden / unladen	mm/s	184/194		
Lowering speed, laden / unladen	mm/s	186/179		
Max.gradeability, laden / unladen	%	10		
Drive motor power	kw	6		
Lift motor power	kw	3.5		
Battery voltage,nominal capacity	V/Ah	48/200		
Battery weight	kg	130		
Battery size (L×W×H)	mm	682×300×600		
Brake		Hydraulic brake		



Technical Specification

Model	3WEF18 4.8M (Triplex mast without sideshift)		3WEF18 4.8M (Triplex mast with sideshift)	
Mast type			H type steel	
Drive mode			Front wheel drive	
Operation type			Sit-on drive	
Load capacity	kg		1800	
Load center	mm		400	
Wheelbase	L4	mm	1370	
EPS(With/Without)			Without	
Service weight (without battery)	kg	2970		2990
Service weight (with battery)	kg	3120		3140
Wheel material			Rubber	
Wheel size, Front wheel	mm		445×168	
Numbers of wheels (Hydraulic steering)			4	
Steering wheel	mm		384×135	
Mast height when lowered	H1	mm	2185	2185
Overall length	L1	mm	3043	3079
Body width	mm		1064	
Overall width	mm		1078	
Roof height	H2	mm	1992	
Max height when operation	H3	mm	5603	5799
Lift height	H	mm	80~4800	
Ground clearance	F	mm	90	
Fork length	mm		1070	
Fork outside width	mm		240~800	
Min.turning radius	WA	mm	1733	
Fork Min.height	mm		80	
Fork thickness	mm		40	
Fork width	mm		120	
Lift free height	mm		1640	
Fork lean forward / backforward angle	°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3322	3358
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3623	3653
Travel speed, Laden / unladen	km/h		8.0/9.0	
Lift speed, laden / unladen	mm/s		184/194	
Lowering speed, laden / unladen	mm/s		186/179	
Max.gradeability, laden / unladen	%		10	
Drive motor power	kw		6	
Lift motor power	kw		3.5	
Battery voltage,nominal capacity	V/Ah		48/200	
Battery weight	kg		130	
Battery size (L×W×H)	mm		682×300×600	
Brake			Hydraulic brake	