

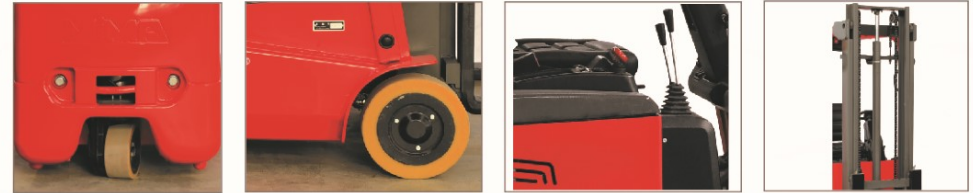
TKA10/15

3 WHEELS ELECTRIC FORKLIFT

TKA series 3 wheels electric forklift is a light forklift, compact size and light weight make it suitable for narrow space and floor operation.



PRODUCT FEATURES



The maintenance-free AC drive system makes the whole forklift respond quickly and accurately.

Smaller diameter load wheel and lower front overhang makes operation safer.

Multiway valve controls lifting/lowering and tilting accurately.

Wide view mast design brings a wider operation vision, greatly improves work efficiency and safety.

MAST SPECIFICATION

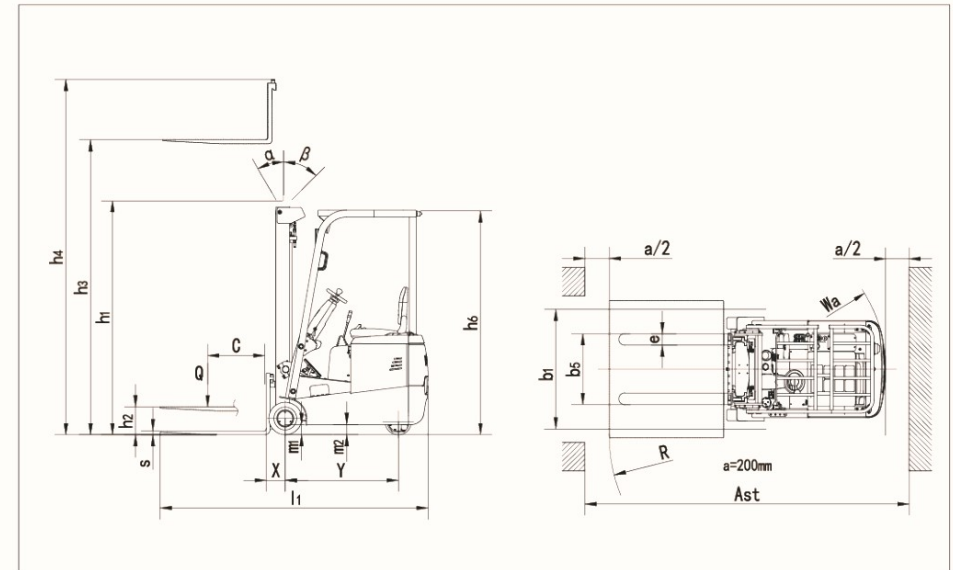
Duplex Mast								
Model	TKA	10-25	10-27	10-30	10-33	10-35	10-37	10-40
Lift height	h3(mm)	2500	2700	3000	3300	3500	3700	4000
Mast extended height	h4(mm)	3030	3230	3530	3830	4030	4230	4580
Mast closed height	h1(mm)	1745	1845	1995	2145	2245	2345	2545
Free lift height	h2(mm)	110	110	110	110	110	110	110
Model	TKA	15-25	15-27	15-30	15-33	15-35	15-37	15-40
Lift height	h3(mm)	2500	2700	3000	3300	3500	3700	4000
Mast extended height	h4(mm)	3060	3260	3560	3860	4060	4260	4560
Mast closed height	h1(mm)	1815	1915	2065	2215	2315	2415	2615
Triplex Mast								
Model	TKA	15-45						
Lift height	h3(mm)	4500						
Mast extended height	h4(mm)	5180						
Mast closed height	h1(mm)	2100						
Free lift height	h2(mm)	/						

PRODUCT SPECIFICATION

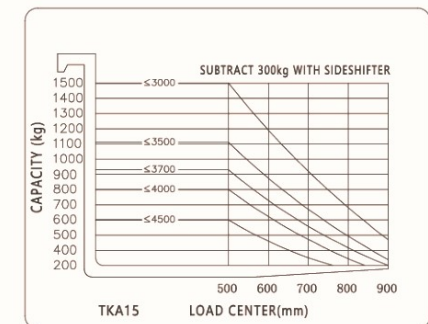
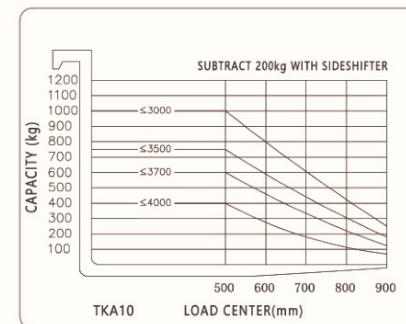
Standard					
1.1	Brand		MIMA		
1.2	Model		TKA10	TKA15	TKA15F09
1.3	Power Type		Battery	Battery	Battery
1.4	Operation Type		Seated	Seated	Seated
1.5	Rated Capacity	Q(kg)	1000	1500	1500
1.6	Load Center	C(mm)	500	500	500
1.7	Front Overhang	x(mm)	168	168	175
1.8	Wheelbase	y(mm)	975-990-1020	1127-1142-1172	996-1018-1060
Weight					
2.1	Service weight (incl. battery)	kg	1700	1990	2250
2.2	Axle capacity with full load, drive side / load side	kg	335 / 2365	390 / 3170	350 / 3400
2.3	Axle capacity with no load, drive side / load side	kg	1045 / 655	1250 / 750	1450 / 800
Wheel					
3.1	Wheel type		PU	PU	PU / Solid rubber
3.2	Loading wheel	mm	φ 285×100	φ 285×100	φ 305×140
3.3	Driving wheel	mm	φ 230×110	φ 280×135	φ 280×135
3.4	Tyres, front/rear		2 / 1X	/	2 / 1X
3.5	Tread, drive	b10(mm)	/	2 / 1X	/
3.6	Tread, load	b11(mm)	804	804	870
Dimensions					
4.1	Mast tilting	α / β (°)	2/4	2/4	2/4
4.2	Mast closed height	h1(mm)	1995	1995	2065
4.3	Free lift height	h2(mm)	110	90	/
4.4	Lift height	h3(mm)	3000	3000	3000
4.5	Mast extended height	h4(mm)	3530	3530	3560
4.7	Overhead guard height	h6(mm)	1965	1965	1965
4.8	Seat height	h7(mm)	930	930	930
4.9	Overall length	L1(mm)	2330	2496	2415
4.10	Length to fork face	L2(mm)	1410	1576	1495
4.11	Overall width	b1/b2(mm)	912	912	1010
4.12	Fork size	v/e/s(mm)	920/100/35	920/100/35	920/100/35
4.13	Installation class		2A	2A	2A
4.14	Fork carriage width	b3(mm)	620	620	680
4.15	Fork outside width	b5(mm)	220~620	220~620	220~680
4.16	Mast ground clearance	m1(mm)	90	90	80
4.17	Body ground clearance	m2(mm)	90	90	90
4.18	Aisle width for pallet 1000*1200mm	Ast(mm)	2760	2925	2845
4.19	Aisle width for pallet 800*1200mm	Ast(mm)	2870	3037	2960
4.20	Turning radius	Wa(mm)	1255	1415	1325
Performance					
5.1	Driving speed (load/unload)	km/h	6/7	6/7	6/7
5.2	Lifting speed (load/unload)	mm/s	150/190	110/200	125/260
5.3	Lowering speed (load/unload)	mm/s	200/130	140/140	200/210
5.4	Traction capacity (S2-5min)	N	/	/	/
5.5	Max. gradeability (load/unload)	%(tanθ)	8/10	5/10	8/10
5.6	Brake type		Hydraulic+ electromagnetic braking	Hydraulic+ electromagnetic braking	Hydraulic+ electromagnetic braking
Drive					
6.1	Driving motor (S2-60min)	kw	1.5	1.5	2.3
6.2	Lifting motor (S3-15%)	kw	2	3	3.5
6.3	Battery, voltage/capacity	V/Ah	24/300	24/350	24/480
6.4	Battery weight	kg	277	305	376
6.5	Steering system		EPS	EPS	EPS

The standard data will be modified according to the different configuration.
When equipped with side shifter, the maximum fork outside width is 600mm.

PRODUCT SIZE



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TKC16/20

3 WHEELS ELECTRIC FORKLIFT

TKC series 3 wheels electric forklift is designed with smart appearance, reliable material, excellent ergonomic, higher stability, easier maintenance, comfortable operation, higher efficiency and lower energy consumption.



PRODUCT FEATURES



Better height passing capacity

Lower overhead guard design, easy to enter elevator and cold storage warehouse.

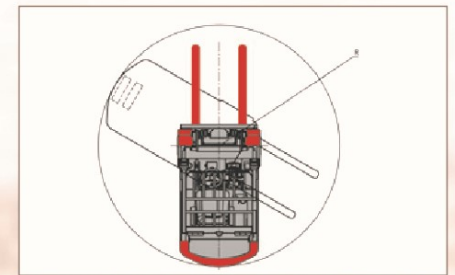
SMALLER AISLE WIDTH

The minimum aisle width is 3310mm (pallet 1200*1200mm)



FRONT DOUBLE DRIVING SYSTEM+WET BRAKING

Effectively prevent the effect of moisture freezing on brake, and adapting to slippery conditions easily.



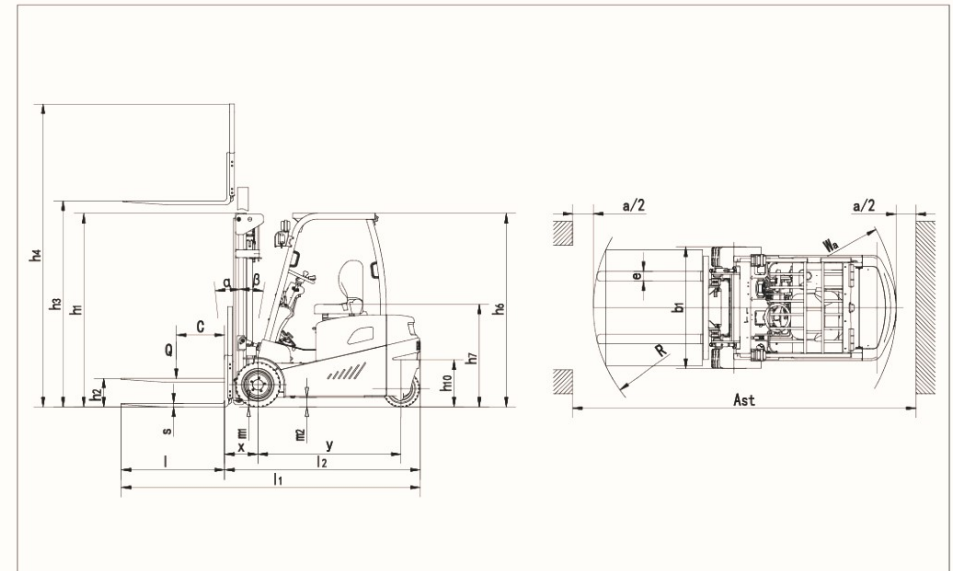
MAST SPECIFICATION

Duplex Mast									
Model	TK	20-25	20-27	20-30	20-33	20-35	20-37	20-40	20-45
Lift height	h3(mm)	2500	2700	3000	3300	3500	3700	4000	4500
Mast extended height	h4(mm)	3530	3730	4030	4330	4530	4730	5030	5530
Mast closed height	h1(mm)	1745	1845	1995	2145	2245	2345	2545	2795
Free lift height	h2(mm)	140	140	140	140	140	140	140	140
Duplex Full Free Mast									
Model	TK	20Q-25	20Q-27	20Q-30	20Q-33	20Q-35	20Q-37	20Q-40	20Q-45
Lift height	h3(mm)	2500	2700	3000	3300	3500	3700	4000	4500
Mast extended height	h4(mm)	3585	3785	4085	4385	4585	4785	5085	5585
Mast closed height	h1(mm)	1745	1845	1995	2145	2245	2345	2545	2795
Free lift height	h2(mm)	702	802	952	1102	1202	1302	1502	1752
Triplex Full Free Mast									
Model	TK	20SQ-36	20SQ-40	20SQ-45	20SQ-48	20SQ-50	20SQ-55	20SQ-60	
Lift height	h3(mm)	3600	4000	4500	4800	5000	5500	6000	
Mast extended height	h4(mm)	4640	5040	5540	5840	6040	6540	7040	
Mast closed height	h1(mm)	1800	1933	2100	2200	2267	2433	2600	
Free lift height	h2(mm)	760	893	1060	1160	1227	1393	1560	

PRODUCT SPECIFICATION

Standard				
1.1	Brand		MIMA	MIMA
1.2	Model		TKC16	TKC20
1.3	Power Type		Battery	Battery
1.4	Operation Type		Seated	Seated
1.5	Rated Capacity	Q(kg)	1600	2000
1.6	Load Center	C(mm)	500	500
1.7	Front Overhang	x(mm)	345	345
1.8	Wheelbase	y(mm)	1480	1480
Weight				
2.1	Service weight (incl. battery)	kg	3050	3200
2.2	Axle capacity with full load, drive side/load side	kg	/	/
2.3	Axle capacity with no load, drive side /load side	kg	/	/
Wheel				
3.1	Wheel type		Solid rubber	Solid rubber
3.2	Loading wheel	mm	15×4.5-8	15×4.5-8
3.3	Driving wheel	mm	18×7-8	200/50-10
3.4	Tyres, front/rear		2x/2	2x/2
3.5	Tread, drive	b10(mm)	1080	1050
3.6	Tread, load	b11(mm)	180	180
Dimensions				
4.1	Mast tilting	α / β (°)	6/6	6/6
4.2	Mast closed height	h1(mm)	1995	1995
4.3	Free lift height	h2(mm)	140	140
4.4	Lift height	h3(mm)	3000	3000
4.5	Mast extended height	h4(mm)	4030	4030
4.7	Overhead guard height	h6(mm)	2000	2000
4.8	Seat height	h7(mm)	1055	1055
4.9	Overall length	L1(mm)	3090	3090
4.10	Length to fork face	L2(mm)	2020	2020
4.11	Overall width	b1/b2(mm)	1250	1250
4.12	Fork size	l/e/s(mm)	1070/100/35	1070/100/40
4.13	Installation class		2A	2A
4.14	Fork carriage width	b3(mm)	1040	1040
4.15	Fork outside width	b5(mm)	222~1000	222~1000
4.16	Mast ground clearance	m1(mm)	90	90
4.17	Body ground clearance	m2(mm)	100	100
4.18	Aisle width for pallet 1000*1200mm	Ast(mm)	3350	3350
4.19	Aisle width for pallet 800*1200mm	Ast(mm)	/	/
4.20	Turning radius	Wa(mm)	1660	1660
Performance				
5.1	Driving speed (load/unload)	km/h	12/13	12/13
5.2	Lifting speed (load/unload)	mm/s	260/340	260/340
5.3	Lowering speed (load/unload)	mm/s	/	/
5.4	Traction capacity (S2-5min)	N	/	/
5.5	Max. gradeability (load/unload)	%(tan θ)	12/14	13/15
5.6	Brake type		Hydraulic	Hydraulic
Drive				
6.1	Driving motor (S2-60min)	kw	AC4.8×2	AC4.8×2
6.2	Lifting motor (S3-15%)	kw	AC8.6	AC8.6
6.3	Battery, voltage/capacity	V/Ah	48/400	48/490
6.4	Battery weight	kg	645	770
6.5	Steering system		Hydraulic	Hydraulic

PRODUCT SIZE



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