

MiMA® Series products



### Standard Configuration

- Curtis Controller
- AC Drive System
- EPS (TKA10)
- High Capacity Battery
- Oil Cut-off Safe Valve
- Safety Lock Of Forward Cylinder
- Adjustbale Wheelbase
- Curve Control Technology
- Solid Tyre

### Optional

- Side Shifter
- Rear Rubber Tyre
- Non-marking Wheel
- Imported Battery
- Safety Belt
- Led Head Lamp
- Special Use For Drive-in Rack
- Explosion-proof Use

## 3-WHEEL ELECTRIC FORKLIFT TRUCK

- TKA Series load capacity 1000-1500 Kg
- Lift Height :3000-4500mm
- The Design of adjustable wheelbase
- Mini Design (For floors' using)

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MiMA® 米玛®

## VALUE (Based On High Efficient Design Concept)

Small volume and light weight are convenient to get in and out of elevators. It's the best choice to work inside floors.



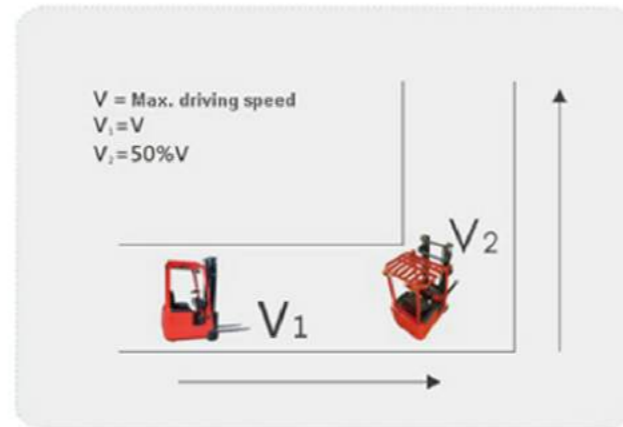
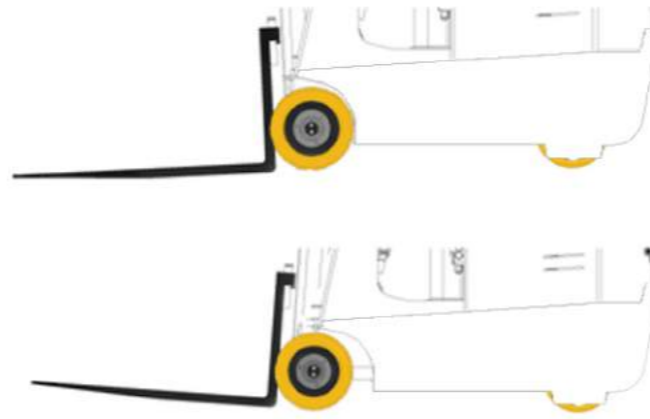
work inside floors.

Adjustable wheelbase: when the mast tilts forward, the wheelbase is smaller, the turning radius is smaller with it, more nimble. When the mast tilts backward, the wheelbase is bigger, strengthens the stability of the forklift.

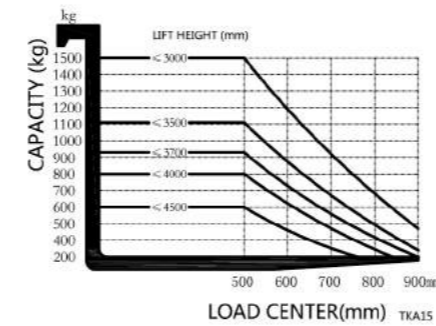
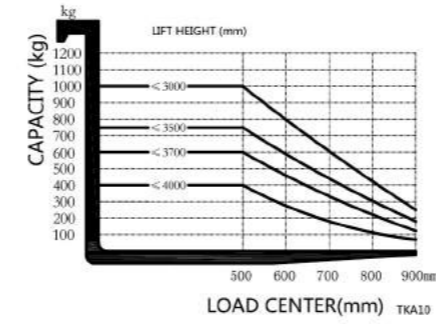
EPS (TKA10 standard equipment) reduces 20% capacity consumption, strengthens cruising power ability.

Driving parallel arrangement, direct transmission reduces capacity consumption maximumly. Compact structure of the driving system makes more use of the space of the forklift, lifts transmission efficiency, reduces capacity consumption and noise.

Curve control technology: when the forklift turns, the curve control technology can reduce its driving speed automatically, it connects dynamic stable safe system with much low gravity center function, to protect the goods and operator in safe condition.



## LOAD CHART



## MiMA<sup>®</sup> PRODUCT SPECIFICATION

Function				
1.1	Brand		MiMA	MiMA
1.2	Model		TKA10	TKA15
1.3	Power Type		Electric	Electric
1.4	Operation Type		Seated	Seated
1.5	Rated Capacity	Q(kg)	1000	1500
1.6	Load Center	C(mm)	500	500

Weight				
2.1	Service weight(incl. battery)	kg	1700	2320

Tyre				
3.1	Tyres,front/rear		PU	PU/Solid Rubber
3.2	Tyre size,front	mm	φ285×100	φ305×140
3.3	Tyre size,rear	mm	φ230×90	φ267×127

Dimension				
4.1	Tilt of fork forward/backward	α/β(°)	2/4	2/4
4.2	Height-Mast Lowered	h1(mm)	1995	2065
4.3	Free lift height	h2(mm)	110	/
4.4	Lift height	h3(mm)	3000	3000
4.5	Height-Mast extended	h4(mm)	3530	3560
4.6	Height-Overhead guard	h6(mm)	1965	1965
4.7	Overall Length	L1(mm)	2330	2390
4.8	Overall Width	b1(mm)	880	1055
4.9	Fork Dimensions	l/e/s(mm)	920/100/32	920/100/35
4.10	Distance between fork-arms	b5(mm)	220 ~ 620	220 ~ 658
4.11	Aisle width for pallet 1000*1200 crossways	Ast(mm)	2760	2815
4.12	Aisle width for pallet 1200*800 crossways	Ast(mm)	2870	2930
4.13	Turning radius	Wa(mm)	1245	1295

Function				
5.1	Travel Speed ,laden/unladen	km/h	5/6	6/7
5.2	Lift Speed ,laden/unladen	mm/s	100/130	100/170
5.3	Lowering speed,laden/unladen	mm/s	140/120	150/115
5.4	(S2-5min)Gradeability,laden/unladen*	%(tanθ)	6/8	8/10
5.5	Brake Type		Hydraulic + Electromagnetic brake	Hydraulic

Power				
6.1	(S2-60min)Drive Motor	kw	1.5	2.3
6.2	(S3-15%)Lift motor	kw	2	3.5
6.4	Battery voltage/capacity	V/Ah	24/300	24/480
6.5	Battery weight	kg	277	370
6.6	Steering type		EPS	Hydraulic

## MiMA<sup>®</sup> MAST SPECIFICATION

Duplex Mast	Model	TKA10	TKA10-30	TKA10-35	TKA10-40	Triplex Mast	TKA15-45
	Lift height	h3(mm)	3000	3500	4000		
Height-Mast extended	h4(mm)	3530	4030	4580			
Height-Mast Lowered	h1(mm)	1995	2245	2545			
Free lift height	h2(mm)	110	110	110			
Triplex Mast	Model	TKA15	TKA15-30	TKA15-35	TKA15-40	TKA15-45	
	Lift height	h3(mm)	3000	3500	4000		4500
	Height-Mast extended	h4(mm)	3560	4060	4560		5180
	Height-Mast Lowered	h1(mm)	2065	2315	2615		2100
Free lift height	h2(mm)	/	/	/	/	/	

