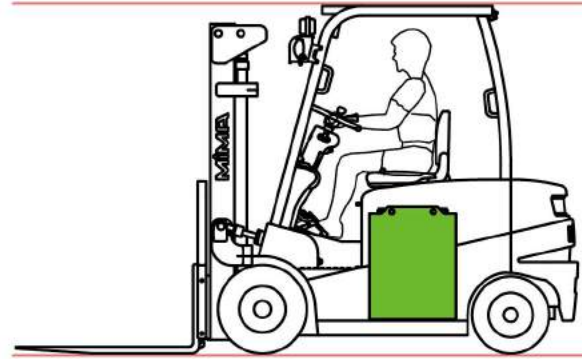


VALUE (Based On High Efficient Design Concept)



The design of lower center of gravity solve 2 difficult problems in safe and high efficient working,transverse driver releases the space for battery to let the forklift with lower center of gravity,it' s improve the safety during the working.

High efficient spur gears of transverse drive model can play a higher level of energy efficiency,energy loss reduce 25% compared with vertical drive model,it' s can improve more working time and satisfy the normal requirements.

AC brushless drive motor to reduce the maintenance time and cost.AC drive motor with high efficiency,better service life and energy saving,to make the forklift with long-time running based on normal output.

Ramps Auxiliary Brake System

NOT SLIDING DOWN



MIMA® Series products

Standard Configuration

- CURTIS controller
- AC Drive system
- Pneumatic wheel
- Adjustable steering wheel
- Automatic temperature control system
- Ramps Auxilliary Brake System
- Safety shut-off valve
- LED warning lamp
- LED headlamp
- High capacity battery
- Intelligent charger

Optional

- Domestic controller
- Suspension seat
- Solid wheel
- Non-marking wheel
- Side take battery
- Operator presence system
- Side shifter
- Paper roll clamp and other attachments
- Cold storage use
- Explosion-proof use

Agent/Distributor

BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.

www.mimaforklift.com

Unified Service Telephone: 4006-526-926

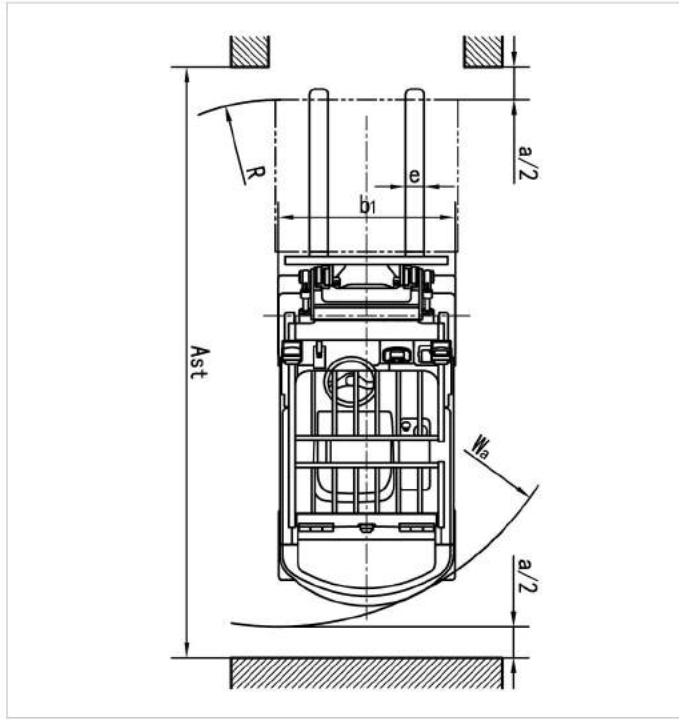
Address: Crossing of Daihe Road and Cailun Road ,
Xinzhan District, Hefei, China



ELECTRIC FORKLIFT TRUCK

- TK Series Load capacity 1500-5000 Kg
- Lift Height:3000-6000mm
- The design of low center of gravity
- Long battery working time
- The design of shaping vehicle

MIMA®



SAFETY

Three braking systems, no matter whether the vehicle is in working condition, it can provide necessary safety protection for vehicle or driver.

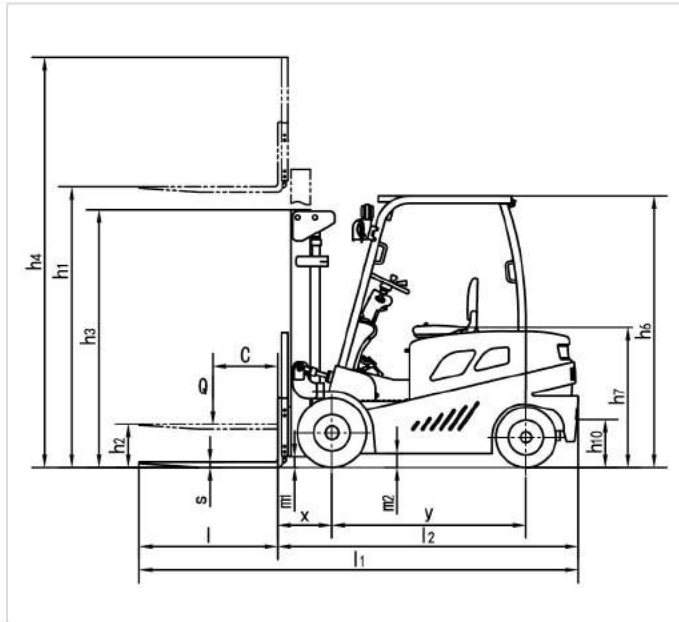
Ramp auxiliary braking system. When vehicle starts up on the ramp, system immediately exerts opposite acting force to wheel to prevent vehicle moving backwards

Batteries sink design, making a lower center of gravity to perform excellent stability and load more capacity.

ENERGY SAVE

LED headlamp/warning alarm lamp(optional); low-resistance tyre.

Applications of steering auto sleep and electric control automatic temperature control system, strengthening cruising power ability.

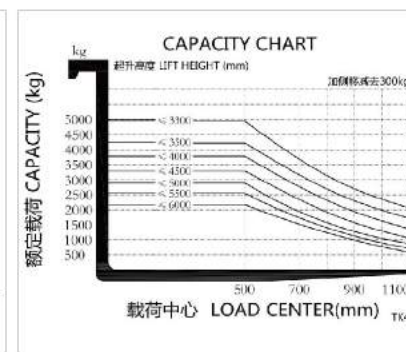
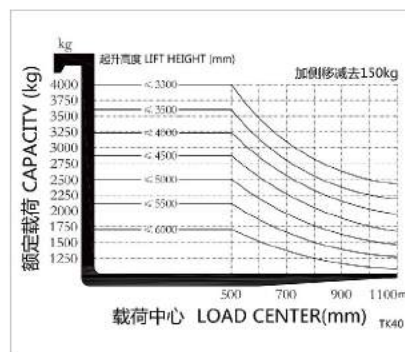
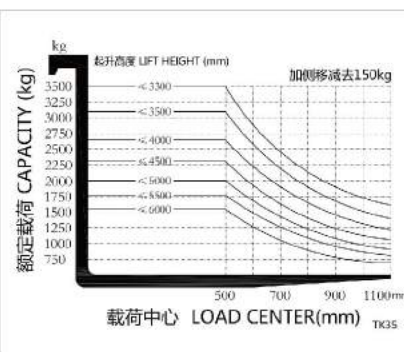
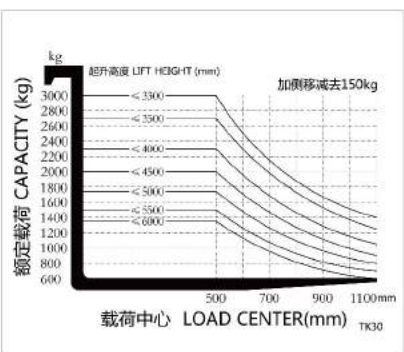
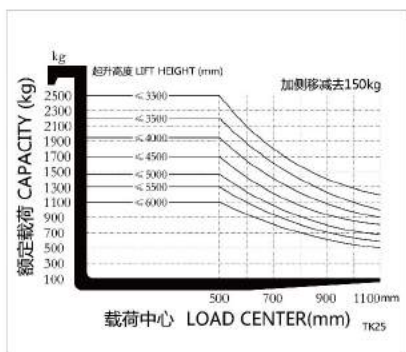
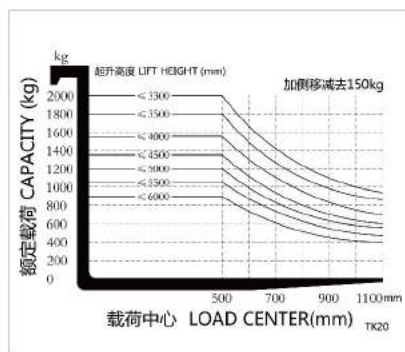
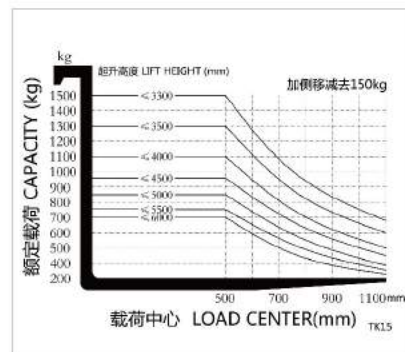


COMFORT

When mast descends to the bottom, buffer technology significantly reduces mast vibration and goods breakage. Combined with the vehicle noise reduction technology, operators work relaxed and comfortably.

Wide leg room man-machine engineering design provides a comfortable, safe and high efficiency operating environment for operator.

LOAD CHART



MIMA[®] PRODUCT SPECIFICATION

Specification								
1.1	Brand		MIMA	MIMA	MIMA	MIMA	MIMA	MIMA
1.2	Model		TK15	TK20	TK25	TK30	TK35	TK40
1.3	Power Type		Battery	Battery	Battery	Battery	Battery	Battery
1.4	Operation Type		Steated	Steated	Steated	Steated	Seated	Seated
1.5	Rated Capacity	Q(kg)	1500	2000	2500	3000	3500	4000
1.6	Load Center	C(mm)	500	500	500	500	500	500

Tire/Rim								
2.1	Tyres,front/rear		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Solid	Solid
2.2	Tyre Size,front		6.00-9-10PR	21X8-9-16PR	21X8-9-16PR	23X9-10-16PR	23x10-12-8.00	23x10-12-8.00
2.3	Tyre Size,rear		16X6-8-10PR	18X7-8-14PR	18X7-8-14PR	18X7-8-14PR	18x7-8-4.33	18x7-8-4.33
2.4	Tyres No,front/rear (X=drive)		2X / 2	2X / 2	2X / 2	2X / 2	2X / 2	2X / 2

Dimension								
3.1	Tilt Of Mast Forward/backward	α/β(°)	6/10	6/10	6/10	6/10	6/10	6/8
3.2	Lift Height	h1(mm)	3000	3000	3000	3000	3000	3000
3.3	Free Lift Height	h2(mm)	135	140	140	140	150	/
3.4	Height-mast Lowered	h3(mm)	1995	1995	1995	2100	2100	2510
3.5	Height-mast Extended W/Backrest	h4(mm)	4030	4030	4030	4130	4130	4145
3.6	Height Of Overhead Guard	h5(mm)	2100	2100	2100	2130	2130	2320
3.7	Min,ground Clearance,mast	m1(mm)	80	80	80	80	80	120
3.8	Overall Length	l1(mm)	3130	3390	3425	3620	3770	4020
3.9	Length To Fork Face	l2(mm)	2060	2320	2355	2550	2700	/
3.10	Overall Width	b1(mm)	1080	1160	1160	1190	1330	1500
3.11	Fork Dimensions	l/e/s(mm)	1070X100X35	1070X100X40	1070X100X45	1070X125X45	1070x125x50	1070x150x50
3.12	Distance Between Fork-arms	b5(mm)	220-930	260-1000	260-1000	280-1060	250-1050	320-1360
3.13	Aisle Width for pallet 1000*1200 crossways	Ast(mm)	3460	3720	3730	3920	4190	4310
3.14	Turning Radius	Wa(mm)	1890	2100	2110	2300	2450	2600

Function								
4.1	Travel Speed,laden/unladen	km/h	10/12	10/12	10/12	10/12	10/12	14/17
4.2	Gradeability,laden/unladen	%	10/12	10/12	10/12	10/12	10/12	65/12

Power								
5.1	Drive Motor	kw	AC6.8	AC6.8	AC6.8	AC9.1	AC11.75	AC11.75
5.2	Lift Motor	kw	DC7.5	DC7.5	DC10	DC10	DC13	DC13
5.3	Charge,voltage/current	V/A	48/50	48/70	48/80	48/80	80/60	80/60
5.4	Battery Voltage/capacity	V/Ah	48/400	48/400	48/560	48/630	80/400	80/450
5.5	Battery Voltage/capacity(Max)	V/Ah	48/550	48/770	48/770	48/880	/	/

Weight								
6.1	Service Weight (Incl. Battery)	kg	2980	3850	4100	4450	5170	5300

Steering/Braking								
7.1	Steering Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
7.2	Service Brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
7.3	Service Brake Type		Pedal	Pedal	Pedal	Pedal	Foot	Foot
7.4	Parking Brake		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical

Other								
8.1	Sound Level At The Drivce's Ear	dba	75	75	75	75	75	75

MIMA[®] MAST SPECIFICATION

The mast specification of TK15									
Duplex Mast		TK15							
Model	TK Unit	TK15-30	TK15-33	TK15-35	TK15-40	TK15-45			
Height-mast Lowered	h1 mm	1995	2145	2245	2545	2795			
Height-mast Extended W/ backrest	h4 mm	4030	4330	4530	5030	5530			
Free Lift Height	h2 mm	135	135	135	135	135			
Duplex Full Free Mast		TK15							
Model	TK Unit	TK15-30	TK15-33	TK15-35	TK15-40	TK15-45			
Height-mast Lowered	h1 mm	1995	2145	2245	2545	2795			
Height-mast Extended W/ backrest	h4 mm	4040	4340	4540	5040	5540			
Free Lift Height	h2 mm	952	1102	1202	1502	1752			
Triplex Full Free Mast		TK15							
Model	TK Unit	TK15-40	TK15-45	TK15-48	TK15-55	TK15-60			
Height-mast Lowered	h1 mm	1930	2095	2195	2485	2655			
Height-mast Extended W/ backrest	h4 mm	5340	5540	5840	6540	7040			
Free Lift Height	h2 mm	852	1052	1352	2052	2552			

The mast specification of TK20&TK25									
Duplex Mast		TK20&TK25							
Model	TK Unit	TK20-30	TK20-33	TK20-35	TK20-40	TK20-45			
Height-mast Lowered	h1 mm	1995	2145	2245	2545	2795			
Height-mast Extended W/ backrest	h4 mm	4030	4330	4530	5030	5530			
Free Lift Height	h2 mm	140	140	140	140	140			
Duplex Full Free Mast		TK20&TK25							
Model	TK Unit	TK20-30	TK20-33	TK20-35	TK20-40	TK20-45			
Height-mast Lowered	h1 mm	1995	2145	2245	2545	2795			
Height-mast Extended W/ backrest	h4 mm	4080	4380	4580	5080	5580			
Free Lift Height	h2 mm	912	1062	1162	1462	1712			
Triplex Full Free Mast		TK20&TK25							
Model	TK Unit	TK20-40	TK20-45	TK20-48	TK20-55	TK20-60			
Height-mast Lowered	h1 mm	1930	2095	2195	2425	2645			
Height-mast Extended W/ backrest	h4 mm	5035	5535	5835	6535	7035			
Free Lift Height	h2 mm	552	1052	1352	2052	2552			

The mast specification of TK30									
Duplex Mast		TK30							
Model	TK Unit	TK30-30	TK30-33	TK30-35	TK30-40	TK30-45			
Height-mast Lowered	h1 mm	2100	2250	2350	2650	2900			
Height-mast Extended W/ backrest	h4 mm	4130	4430	4630	5130	5630			
Free Lift Height	h2 mm	145	145	145	145	145			
Duplex Full Free Mast		TK30							
Model	TK Unit	TK30-30	TK30-33	TK30-35	TK30-40	TK30-45			
Height-mast Lowered	h1 mm	2100	2250	2350	2650	2900			
Height-mast Extended W/ backrest	h4 mm	4135	4435	4635	5135	5635			
Free Lift Height	h2 mm	964	1114	1214	1514	1764			
Triplex Full Free Mast		TK30							
Model	TK Unit	TK30-40	TK30-45	TK30-48	TK30-55	TK30-60			
Height-mast Lowered	h1 mm	1985	2150	2250	2480	2700			
Height-mast Extended W/ backrest	h4 mm	5130	5630	5930	6630	7130			
Free Lift Height	h2 mm	848	1013	1113	1343	1563			

The mast specification of TK450									
Duplex Mast		TK450							
Model	Unit	TK450-30	TK450-33	TK450-35	TK450-37	TK450-40	TK450-45		
Height-Mast Lowered	h1 mm	2510	2660	2760	2860	3060	3310		
Height-Mast Extended w/ Backrest	h4 mm	4145	4445	4645	4845	5195	5695		
Free lift height	h2 mm	/	/	/	/	/	/		
Triplex full free Mast		TK450							
Model	Unit	TK450-45	TK450-48	TK450-50	TK450-55	TK450-60			
Lift height	h1 mm	4500	4800	5000	5500	6000			
Height-Mast Lowered	h3 mm	2420	2520	2585	2755	2970			
Height-Mast Extended w/ Backrest	h4 mm	5640	5940	6140	6640	7140			
Free lift height	h2 mm	1270	1370	1435	1605	1820			

The mast specification of TK35& TK40									
Duplex Mast		TK35&TK40							
Model	Unit	TK35-25	TK35-27	TK35-30	TK35-33	TK35-35	TK35-37	TK35-40	TK35-45
Height-Mast Lowered	h1 mm	1850	1950	2100	2250	2350	2450	2650	2900
Height-Mast Extended w/ Backrest	h4 mm	3630	3830	4130	4430	4630	4830	5130	5630
Free lift height	h2 mm	145	145	145	145	145	145	145	145
Duplex Full free Mast		TK35&TK40							
Model	Unit	TK35-25	TK35-27	TK35-30	TK35-33	TK35-35	TK35-37	TK35-40	TK35-45
Height-Mast Lowered	h1 mm	1850	1950	2100	2250	2350	2450	2650	2900
Height-Mast Extended w/ Backrest	h4 mm	3635	3835	4135	4435	4635	4835	5135	5635
Free lift height	h2 mm	716	816	966	1116	1216	1316	1516	1766
Triplex full free Mast		TK35&TK40							
Model	Unit	TK35-36	TK35-40	TK35-45	TK35-48	TK35-50	TK35-55	TK35-60	
Height-Mast Lowered	h1 mm	1850	1983	2150	2250	2317	2483	2650	
Height-Mast Extended w/ Backrest	h4 mm	4730	5130	5630	5930	6130	6630	7130	
Free lift height	h2 mm	696	829	996	1096	1163	1329	1496	

Remark : no change for those height if add the side shift.