

Full electric pallet stacker

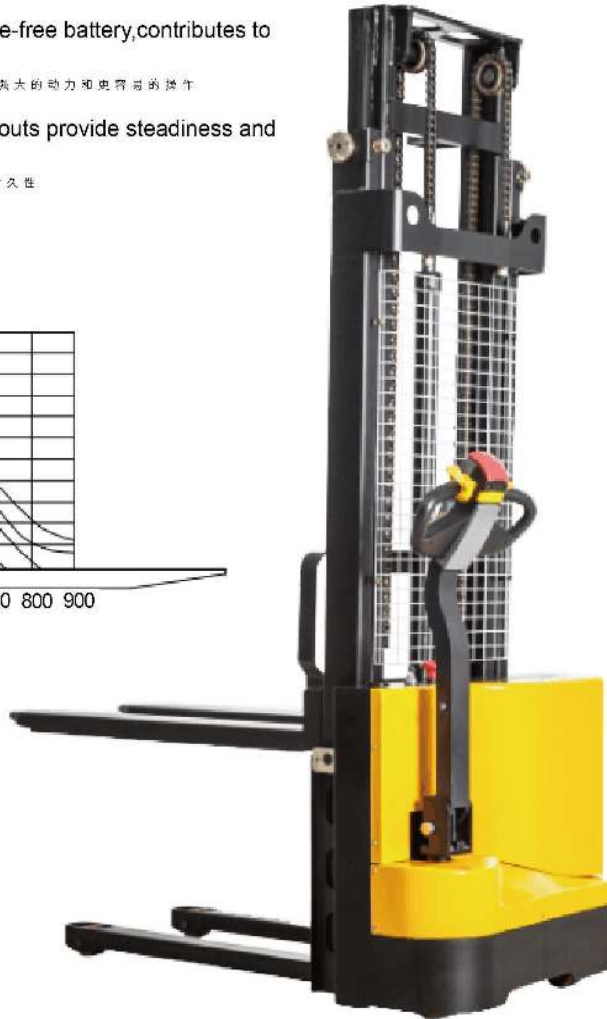
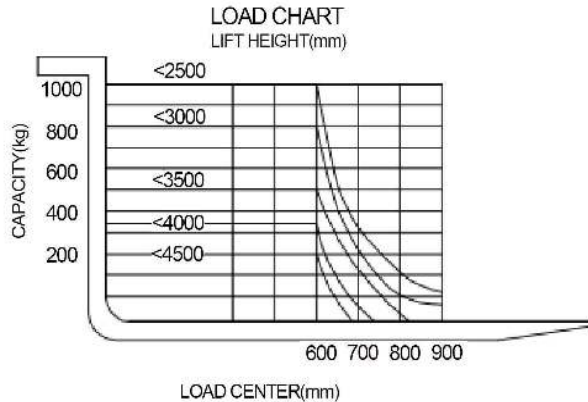
经济款电动托盘堆垛机

ESC SERIES



Product description 产品描述

- High-strength frame designed for tough pallet handling tasks
高强度框架设计，用于艰难的托盘搬运任务
- Lower consumption, Lower service cost, while higher performance
更低的消耗，更低的服务成本，同时更高的性能
- 24V/65AH(80AH optional) maintenance-free battery, contributes to strong power and easier operation
24V/65AH(80AH可选)免维护电池，有助于提供强大的动力和更易于的操作
- Compact structure and reasonable layouts provide steadiness and durability during operation
紧凑的结构和合理的布局提供了操作中的稳定性和耐久性



Detailed parameter 详细参数

Specifications 参数											
Standard 标准											
Manufacturer	制造商										
Model	型号		ESC10M16	ESC13M25	ESC10M30	ESC10M33	ESC10M35	ESC15M16	ESC15M25	ESC15M30	ESC15M33
Power type	动力类型		/	/	/	/	/	/	/	/	/
Driving style	驾驶方式		Walkie 步行	Walkie 步行	Walkie 步行	Walkie 步行	Walkie 步行	Walkie 步行	Walkie 步行	Walkie 步行	Walkie 步行
Rated load	额定载重	kg	1000	1000	1000	1000	1000	1500	1500	1500	1500
Load center	载荷中心距	mm	600	600	600	600	600	600	600	600	600
Wheelbase	轴距	mm	1245	1245	1245	1245	1245	1245	1245	1245	1245
Weight 重量											
Service Weight (without battery)	自重 (不含电池)	kg	450	500	520	550	580	470	520	540	570
Service Weight (incl. battery)	自重 (含电池)	kg	500	550	570	600	630	520	570	590	620
Wheel 车轮											
Wheel type	轮胎类型		PJ	PJ	PJ	PJ	PJ	PJ	PJ	PJ	PJ
Front wheel size	前轮尺寸	mm	φ78	φ78	φ78	φ78	φ78	φ78	φ78	φ78	φ78
Drive wheel size	驱动轮尺寸	mm	φ210	φ210	φ210	φ210	φ210	φ210	φ210	φ210	φ210
Stabilizing wheel size	平衡轮尺寸	mm	124	124	124	124	124	124	124	124	124
Number of wheels	轮子数量	psc	6	6	6	6	6	6	6	6	6
Size 尺寸											
Mast closed height	门架缩回时高度	mm	2065	1785	2035	2185	2260	2065	1785	2035	2185
Mast extended height with load backrest	整架最高高度	mm	2065	3000	3500	3800	3975	2065	3000	3500	3800
Lift height	货叉起升高度	mm	1600	2500	3000	3300	3500	1600	2500	3000	3300
Overall length	整体长度	mm	1770	1770	1770	1770	1775	1770	1770	1770	1775
Overall width	整体宽度	mm	820	820	820	820	820	820	820	820	820
Fork width	货叉宽度	mm	160	160	160	160	160	160	160	160	160
Fork length	货叉长度	mm	1150	1150	1150	1150	1150	1150	1150	1150	1150
Fork outside width	货叉外宽	mm	560/580	560/580	560/580	560/580	560/580	560/580	560/580	560/580	560/580
Minimum height of fork surface	货叉最低高度	mm	90	90	90	90	90	90	90	90	90
Mast ground clearance	离地间隙	mm	30	30	30	30	30	30	30	30	30
Turning radius (excluding handle)	转弯半径(不含手柄)	mm	1460	1460	1460	1460	1460	1460	1460	1460	1460
Body height	车体高度	mm	760	760	760	760	760	760	760	760	760
Right-angle stacking aisle width (pallet 800x1200) (one center C500mm)	最小直角堆垛通道宽度, (托盘 800x1200, 1200码货叉放置)	mm	2220	2220	2220	2220	2220	2220	2220	2220	2220
Aisle width (pallet 1000x1200) (Load center C500mm)	最小直角堆垛通道宽度, (托盘 1000x1200, 1200码货叉放置)	mm	2300	2300	2300	2300	2300	2300	2300	2300	2300
Function 性能											
Driving speed, load/unload	行驶速度, 满载/空载	Km/h	4.5/4.7	4.5/4.7	4.5/4.7	4.5/4.7	4.5/4.7	4.5/4.7	4.5/4.7	4.5/4.7	4.5/4.7
Lifting speed, load/unload	起升速度, 满载/空载	mm/s	100/112	100/112	100/112	100/112	100/112	75/90	75/90	75/90	75/90
Lowering speed, load/unload	下降速度, 满载/空载	mm/s	92/85	92/85	92/85	92/85	92/85	85/75	85/75	85/75	85/75
Maximum climbing ability, load/unload	爬坡度, 满载/空载	%/tanθ	5/7	5/7	5/7	5/7	5/7	5/7	5/7	5/7	5/7
Drive 驱动											
Drive motor power (52-60min)	驱动电机功率	kW	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Lift motor power (52-15%)	提升电机功率	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Battery, voltage/rate capacity	蓄电池电压/额定容量	V/Ah	12V/75Ah	12V/75Ah	12V/75Ah	12V/75Ah	12V/75Ah	12V/75Ah	12V/75Ah	12V/75Ah	12V/75Ah
Battery weight (Length*Width*Height)	蓄电池尺寸 (长*宽*高)	mm	260x172x170	260x172x170	260x172x170	260x172x170	260x172x170	260x172x170	260x172x170	260x172x170	260x172x170
Braking method	制动方式	Electromagnetic 电磁制动									
Controller	控制器	1212P 2501 (Curtis) 1212P 2501 (柯蒂斯)									

Full electric pallet stacker

电动托盘堆垛机

TB SERIES

Detailed parameter 详细参数



Product description 产品描述

- The latest CURTIS AC control system is accurate, stable and efficient
最新的CURTIS AC控制系统准确、稳定、高效
- The integrated control handle is simple and beautiful, and all operation functions can be easily completed by one hand
集成的控制面板简单美观，所有操作功能都可以用一只手轻松完成
- The frame is a high strength steel frame structure with 5 fulcrums and low center of gravity
It has a large redundant bearing capacity.Long service life
框架是具有5个支点和低重心的高强度钢板梁结构。冗余承载能力大，使用寿命长
- The whole system adopts imported waterproof connectors, all wires and cables have reliable protection, greatly improving the electrical system.Reliabl
整个系统采用进口防水连接器，所有电线电缆都有可靠的保护
大大提高了电气系统的可靠性



Specifications 参数

Standard 标准

Manufacturer	制造商		TB1530	TB2030	TB1530	TB2030	TB1545	TB2045
Model	型号		TB1530	TB2030	TB1530	TB2030	TB1545	TB2045
Power type	动力类型		Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池
Driving style	驾驶方式		Stand on 站驾式	Stand on 站驾式	Stand on 站驾式	Stand on 站驾式	Stand on 站驾式	Stand on 站驾式
Rated load	额定载荷	Q(kg)	1500	2000	1500	2000	1500	2000
Load center	载荷中心距	C(mm)	600	600	600	600	600	600
Front overhang	前悬距	x(mm)	737	737	722	722	712	712
Wheelbase	轴距	y(mm)	1390	1390	1390	1390	1390	1390
Weight 重量								
Service Weight(incl.battery)	整备重量 (含电池)	kg	1100	1115	1270	1300	1450	1550
Bridge load at full load, drive side/load-bearing side	满载时的桥负荷，驱动侧/承重侧	kg	1052/1518	1149/1966	1166/1604	1266/2034	1297/1653	1416/2082
Bridge load at unload, drive side/load-bearing side	空载时的桥负荷，驱动侧/承重侧	kg	795/905	807/908	926/944	947/953	1057/993	1079/901
Wheels 车轮								
Wheel type	轮胎类型，驱动侧/承重侧		PU	PU	PU	PU	PU	PU
Load wheel size	轮胎尺寸，承重侧	mm	Φ80×70	Φ80×70	Φ80×70	Φ80×70	Φ80×70	Φ80×70
Drive wheel size	轮胎尺寸，驱动侧	mm	Φ230×75	Φ230×75	Φ230×75	Φ230×75	Φ230×75	Φ230×75
Stabilizing wheel size	稳定轮尺寸	mm	Φ125×50	Φ125×50	Φ125×50	Φ125×50	Φ125×50	Φ125×50
Number of wheels,front/rear(x=drive wheel)	车轮数量，前/后(x=驱动轮)		4/1x+2	4/1x+2	4/1x+2	4/1x+2	4/1x+2	4/1x+2
Wheel base,drive-bearing side	轮距，驱动侧	b10(mm)	630/770 ¹⁾	630/770 ¹⁾	630/770 ¹⁾	630/770 ¹⁾	630/770 ¹⁾	630/770 ¹⁾
Wheel base,load-bearing side	轮距，承重侧	b11(mm)	490/380 ¹⁾	490/380 ¹⁾	490/380 ¹⁾	490/380 ¹⁾	490/380 ¹⁾	490/380 ¹⁾
Size 尺寸								
Mast closed height	门架闭合高度	h1(mm)	2025	2025	2025	2025	2100	2100
Free lift height	自由起升高度	h2(mm)	/	/	/	/	/	/
Lift height	起升高度	h3(mm)	3000	3000	3000	3000	4500	4500
Mast extended height with load-backrest	起升时门架最大高度	h4(mm)	3506	3506	3490	3490	5076	5076
Handle height(min/max)	手柄高度，最小/最大	h14(mm)	1100/1390 ¹⁾	1100/1390 ¹⁾	1100/1390 ¹⁾	1100/1390 ¹⁾	1100/1390 ¹⁾	1100/1390 ¹⁾
Minimum height of fork surface	货叉面最小离地高度	h13(mm)	90	90	90	90	90	90
Overall length,Pedal retracted	整车长度 踏板收起	L1(mm)	2110 ¹⁾	2110 ¹⁾	2130 ¹⁾	2130 ¹⁾	2130 ¹⁾	2130 ¹⁾
Overall width	整车宽度	b1/b2(mm)	850/1000 ¹⁾	850/1000 ¹⁾	850/1000 ¹⁾	850/1000 ¹⁾	850/1000 ¹⁾	850/1000 ¹⁾
Fork size	货叉尺寸	l/c/s(mm)	1150/190/56	1150/190/56	1150/190/56	1150/190/56	1150/190/56	1150/190/56
Fork outside width	货叉外侧距	b5(mm)	680/570 ¹⁾	680/570 ¹⁾	680/570 ¹⁾	680/570 ¹⁾	680/570 ¹⁾	680/570 ¹⁾
Mast ground clearance	门架离地间隙	m1(mm)	30	30	30	30	30	30
Aisle width (pallet 1000x1200) Load center C500mm	通道宽度(1000x1200托盘) 载荷中心C500mm 踏板收起	Ast1(mm)	2490	2490	2490	2490	2490	2490
Right-angle stacking aisle width (pallet 800x1200) Load center C600mm	直角堆垛通道宽度(托盘 800x1200)载荷中心C600mm 踏板收起	Ast1(mm)	2450	2450	2450	2450	2450	2450
Turning radius,Pedal retracted	转弯半径 踏板收起	Wal(mm)	1655 ¹⁾	1655 ¹⁾	1655 ¹⁾	1655 ¹⁾	1655 ¹⁾	1655 ¹⁾
Function 性能								
Driving speed, load/unloaded	行驶速度，满/空载	km/h	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0	5.0/6.0
Lifting speed,load/unloaded	起升速度，满/空载	mm/s	90/130	65/115	125/175	65/100	90/130	85/130
Lowering speed, load/unload	下降速度，满/空载	mm/s	110/130	85/115	115/135	95/100	95/100	95/100
Maximum climbing ability, load/unloaded (S2-5min)	最大爬坡能力，满/空载(S2-5min)	%(tanβ)	≤8/≤10	≤6/≤8	≤8/≤10	≤6/≤8	≤8/≤10	≤6/≤8
Braking method	制动方式		Electromagnetic 电磁	Electromagnetic 电磁	Electromagnetic 电磁	Electromagnetic 电磁	Electromagnetic 电磁	Electromagnetic 电磁

Drive 驱动							
Drive motor power (S2-60min)	驱动电机功率(S2-60min)	kw	1.5	1.5	1.5	1.5	1.5
Lift motor power, (S3-15%)	起升电机功率(S3-15%)	kw	2	2	2	2	3
Battery, voltage/rated capacity	蓄电池, 电压/额定容量	V/Ah	24/210 [*]	24/210 [*]	24/210 [*]	24/210 [*]	24/210 [*]
Battery weight	电池重量	kg	200	200	200	200	200
steering system	转向系统		Electronic steering ⁽⁺⁾ 电子转向	Electronic steering ⁽⁺⁾ 电子转向	Electronic steering ⁽⁺⁾ 电子转向	Electronic steering ⁽⁺⁾ 电子转向	Electronic steering ⁽⁺⁾ 电子转向
Others 其他							
Battery replacement method	电池更换方式		Side pull 侧拉式	Side pull 侧拉式	Side pull 侧拉式	Side pull 侧拉式	Side pull 侧拉式
Mast series	门架系列		Single cylinder duplex mast 单缸双门架	Single cylinder duplex mast 单缸双门架	Double cylinders duplex mast 双缸双门架	Double cylinders duplex mast 双缸双门架	Double cylinders duplex mast 双缸双门架

Standard model data, subject to change according to different configurations.

标准车型数据, 根据配置的不同会有所变化

Note [1]: For mechanical steering models, the minimum/maximum handle height is 1100/1470mm respectively.

注【1】: 机械转向车型, 手柄高度最小/最大分别为1100/1470mm。

[2]: For models without wings, the length of the vehicle is reduced by 40mm compared to the standard models. The length of the whole vehicle is increased by 450mm when the pedal is deployed.

【2】: 不加装护翼车型, 整车长度比标准车型减少40mm, 踏板展开后整车长度增加450mm。

[3]: The parameter value of the corresponding item for the 570mm outer width of the fork. When the outer width of the fork is 570mm, MB15 series: no load reduction when H≤2.5M, no change in the outer width of the whole vehicle, 850mm, when H>2.5M, the width of the whole vehicle is increased to 1000mm. MB20 series: no load reduction when H≤2M, no change in the overall width of the vehicle at 850mm; when H>2M, the width of the vehicle is increased to 1000mm.

【3】: 货叉外宽570mm车型对应项目的参数值, 货叉外宽570mm时, MB15系列: H≤2.5M时不降载, 整车外宽850mm不变化, H>2.5M时, 整车宽度加大至1000mm。MB20系列: H≤2M时不降载, 整车外宽850mm不变化, H>2M时, 整车宽度加大至1000mm。

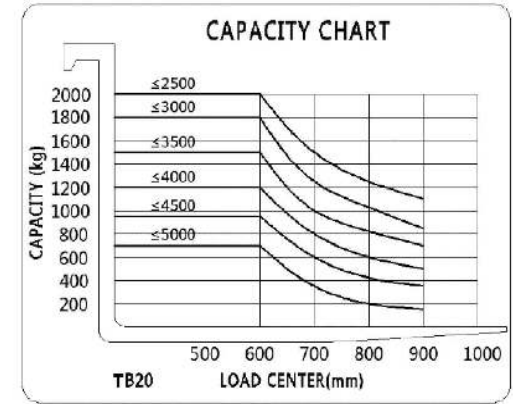
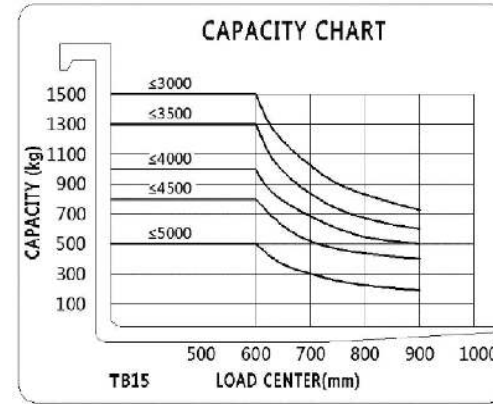
[4]: Optional mechanical steering (F08 series), mechanical steering comes standard with ZAPI controller, without wings.

【4】: 可选标配机械转向 (F08系列), 机械转向标配ZAPI控制器, 不带护翼。

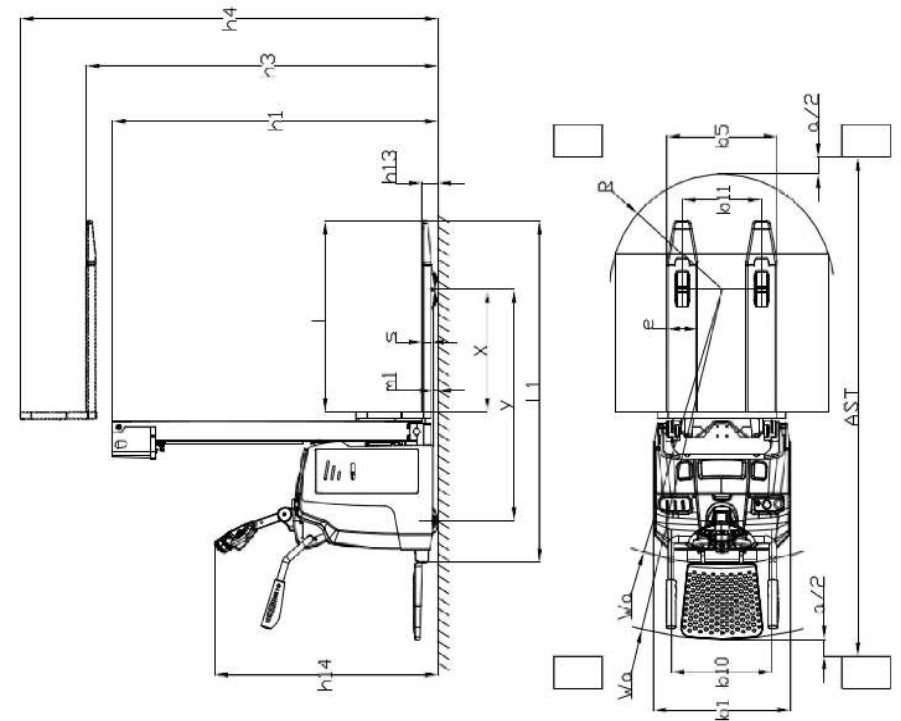
* Optional lithium battery: 24V150AH;

* 可选配锂电池: 24V150AH;

Load Chart 负荷图



Mast specifications 门架参数						
Single mast 单门架						
Series TB15/TB20						
Model	型号		TB1516 TB2016			
Mast type	门架类型		Single type 单门架			
Mast closed height	门架闭合高度	h1mm	2090			
Mast extended height	起升时门架高度	h4mm	2090			
Free lift height	自由起升高度	h2mm	1600			
Single cylinder duplex mast 单缸双节门架						
Series TB15/TB20/TB20						
Model	型号		TB1525 TB2025	TB1530 TB2030	TB1535 TB2035	TB1540 TB2040
Mast type	门架类型		Duplex mast 双门架	Duplex mast 双门架	Duplex mast 双门架	Duplex mast 双门架
Mast closed height	门架闭合高度	h1mm	1775	2025	2275	2575
Mast extended height	起升时门架高度	h4mm	3006	3506	4006	4556
Double cylinders duplex mast 双缸双节门架						
Series TB15/TB20						
Model	型号		TB1525 TB2025	TB1530 TB2030	TB1535 TB2035	TB1540 TB2040
Mast closed height	门架闭合高度	h1mm	1775	2025	2275	2575
Mast extended height	起升时门架高度	h4mm	3020	3520	4020	4570
Triplex mast 三节门架						
Series TB15/TB20						
Model	型号		TB1535S TB2035S	TB1540S TB2040S	TB1545S TB2045S	TB1550S TB2050S
Mast closed height	门架闭合高度	h1mm	1766	1933	2100	2267
Mast extended height	起升时门架高度	h4mm	4000	4500	5000	5500



Full electric pallet stacker

托盘堆垛车

TBB SERIES

Product description 产品描述

- Suitable for floor operation, easy to enter the elevator, similar products smaller turning radius and passage

最新的 CURTIS AC 控制系统准确、稳定、高效

- Curtis Controller, AMP waterproof and dust-proof plug-in, provides reliable protection for the circuit greatly reducing electrical failure

Curtis 控制器, AMP 防水防尘插件, 为电路提供可靠的保护, 大大减少了电气故障

- Maintenance-free batteries, super endurance, more economical to use, built-in charger more convenient to charge

免维护电池, 超续航能力, 使用更经济, 内置充电器, 充电更方便

- The structure is exquisite, the details are excellent, the components are easy to disassemble and assemble, and easy to maintain

结构精巧, 细节精美, 组件易拆装, 易于维护

- Man-machine design of the operation steering handle, simple and beautiful, all the operation functions are independent and easy to achieve

操作转向手柄采用人机设计, 简洁美观, 所有操作功能独立, 易于实现



Detailed parameter 详细参数

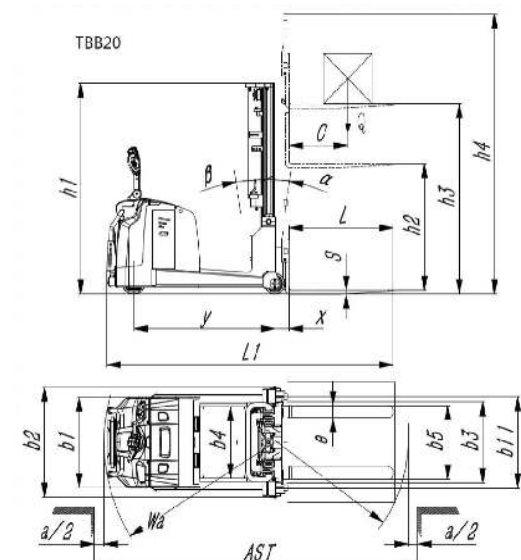
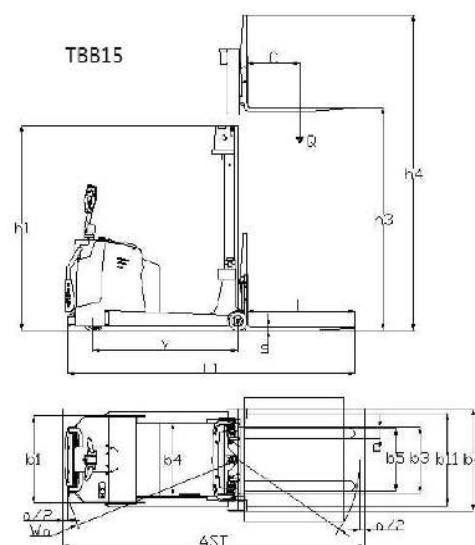
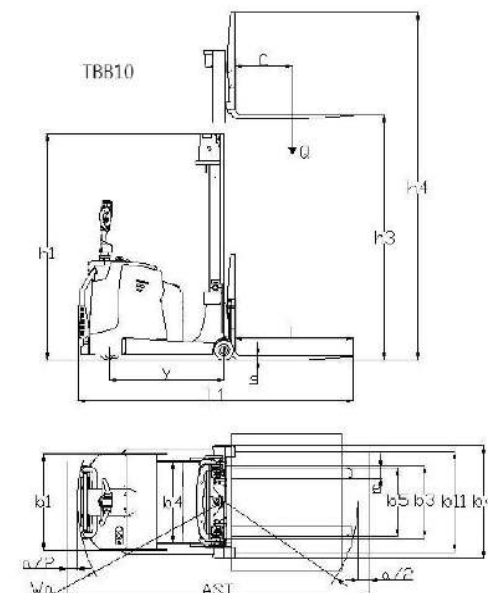
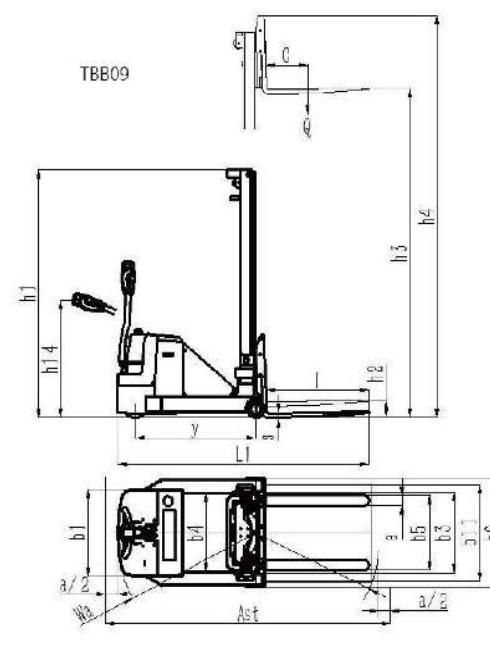
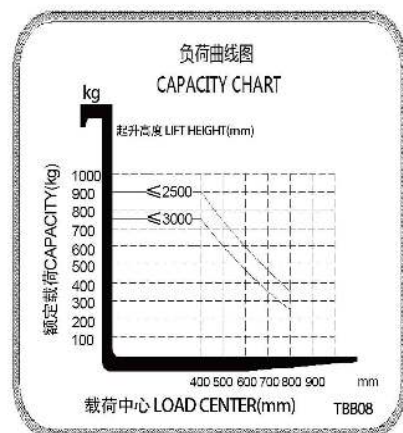
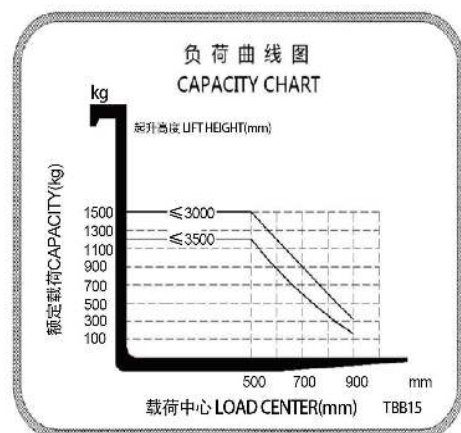
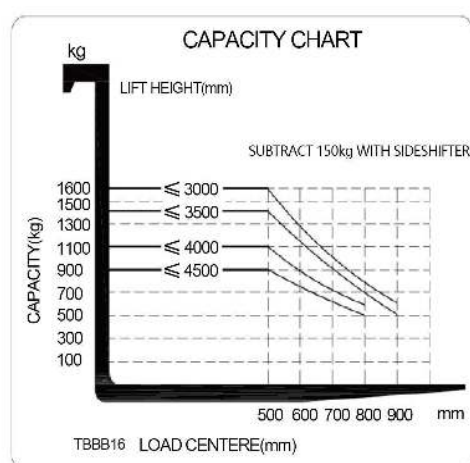
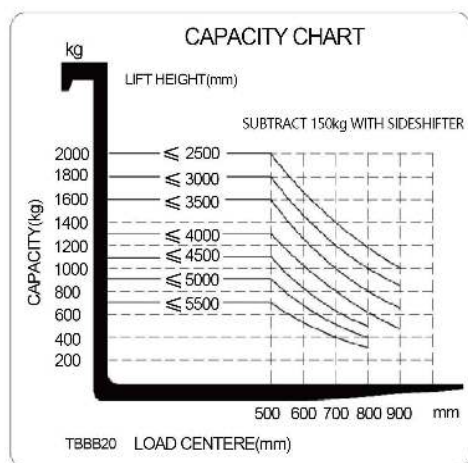


Specifications 参数		model 型号															
		TBB0500	TBB0600	TBB0700	TBB0800	TBB0900	TBB1000	TBB1100	TBB1200	TBB1300	TBB1400	TBB1500	TBB1600	TBB1700	TBB1800	TBB1900	TBB2000
1.1	Manufacturer 制造商	Korvex 科瑞斯															
1.2	Model 型号	TBB0500	TBB0600	TBB0700	TBB0800	TBB0900	TBB1000	TBB1100	TBB1200	TBB1300	TBB1400	TBB1500	TBB1600	TBB1700	TBB1800	TBB1900	TBB2000
1.3	Frame type 动力类型	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池	Battery 蓄电池
1.4	Operator type 驾驶方式	Walk-behind 步行式	Walk-behind 步行式	Walk-behind 步行式	Walk-behind 步行式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式	Stand-on 站立式
1.5	Rated capacity 额定载重	500	600	800	900	1000	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
1.6	Load center 载荷中心距	400	400	400	400	500	500	500	500	500	500	500	500	500	500	500	500
1.7	Front overhang 前悬距	80	80	80	80	100	100	100	100	100	100	100	100	100	100	100	100
1.8	Wheel base 轴距	1150	1150	1150	1150	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
		Weight 重量															
2.1	Service Weight (incl. battery) 整车重量 (含电池)	kg	1100	1140	1180	1180	1600	1700	1700	1800	1800	1850	1900	1900	1950	2000	2050
2.2	Bridge load on no load (incl. counterbalancing side) 桥面无负载 (含配重侧)	kg	600/600	600/600	600/600	600/600	800/700	900/700	1000/700	1000/700	1000/700	1000/700	1000/700	1000/700	1000/700	1000/700	1000/700
2.3	Bridge load on full load (incl. counterbalancing side) 桥面满载 (含配重侧)	kg	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700	2200/1700
		Wheel 轮子															
3.1	Wheel type 轮胎类型	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU	PU
3.2	Wheel tread size 轮胎花纹尺寸	mm	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200
3.3	Wheel tread size 轮胎花纹尺寸	mm	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200
3.4	Wheel tread size 轮胎花纹尺寸	mm	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200
3.5	Wheel tread size 轮胎花纹尺寸	mm	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200	630/200
		Wheel 轮子															
4.1	Max. mast height 最大起升高度	m	2100	1400	1740	1110	2000	1700	2100	2300	2000	1700	2100	2300	2000	1700	2100
4.2	Free lift height 自由起升高度	m	1900	1100	1440	1100	1900	1600	2100	2300	2000	1700	2100	2300	2000	1700	2100
4.3	Lift height 起升高度	m	2000	2000	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
4.4	Max. extended height with load backrest 载货时最大起升高度	m	2300	2000	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
4.5	Overall length 整机长度	mm	2220	2220	2220	2220	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
4.6	Overall width 整机宽度	mm	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670	700/670
4.7	Fork size 货叉尺寸	mm	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55	850/100/55
4.8	Fork carriage width 货叉架宽度	mm	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
4.9	Fork outlet width 货叉出口宽度	mm	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600	220-600
4.10	Inner width of the carriage 货叉架内宽	mm	620	620	620	620	620	620	620	620	620	620	620	620	620	620	620
4.11	Handle height (incl. seat) 手柄高度 (含座椅)	mm	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150	1050-1150
4.12	Max. ground clearance 最大离地间隙	mm	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
4.13	Hydraulic standing axle width (incl. 1000mm/1200mm/1400mm/1600mm/1800mm/2000mm) 液压站立轴距 (含1000mm/1200mm/1400mm/1600mm/1800mm/2000mm)	mm	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700	2700
4.14	Hydraulic standing axle width (incl. 1000mm/1200mm/1400mm/1600mm/1800mm/2000mm) 液压站立轴距 (含1000mm/1200mm/1400mm/1600mm/1800mm/2000mm)	mm	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800
4.15	Turning radius 转弯半径	mm	1200	1200	1200	1200	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
		Performance 性能															
5.1	Driving speed, occurrence 行驶速度, 发生频率	km/h	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15	20/15
5.2	Lifting speed, occurrence 起升速度, 发生频率	mm/s	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120	140/120
5.3	Lowering speed, occurrence 下降速度, 发生频率	mm/s	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100	100/100
5.4	Maximum driving ability, load capacity (20-30%) 最大行驶能力, 负载能力 (20-30%)	mm/s	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
5.5	Driving method 驱动方式		Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力	Electric/magnetic 电动/磁力
		Drive 驱动															
6.1	Drive motor power (30-40kW) 驱动电机功率 (30-40kW)	kw	0.75	0.75	0.75	0.75	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
6.2	10h motor power (30-40kW) 10h 电机功率 (30-40kW)	kw	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6.3	Enter power capacity (30-40kW) 进入功率容量 (30-40kW)	kw	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100	240/100
6.4	Battery weight 电池重量	kg	85	85	85	85	100	100	100	100	100	100	100	100	100	100	100
6.5	Steering system 转向系统		Mechanical 机械式	Mechanical 机械式	Mechanical 机械式	Mechanical 机械式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式	Electric 电动式
		Drive 驱动															
		Note: The length, passage and turning radius of the vehicle when the pallet is deployed are increased by 45mm accordingly. 附注: 当叉车作业时, 长度、通过和转弯半径均增加45mm。															

Mast specifications 门架参数

Single cylinder and duplex mast 单缸/双缸门架			Serie TBB16 TBB16系列					
Model 型号			TBB1516	TBB1625	TBB1630	TBB1635	TBB1640	TBB1645
Mast closed height 门架闭合高度	mm		2090	1760	2010	2260	2560	2810
Lift height 起升高度	mm		1600	2500	3000	3500	4000	4500
Mast extended height 起升时门架高度	mm		2500	3410	3910	4410	4910	5410
Double cylinders and duplex mast 双缸/双节门架			Series TBB20 TBB20系列					
Model 型号			TBB2025	TBB2030	TBB2035	TBB2040	TBB2045	
Lift height 门架闭合高度	mm		2500	3000	3500	4000	4500	
Mast closed height 起升高度	mm		1770	2020	2270	2570	2820	
Mast extended height 起升时门架高度	mm		3435	3935	4435	4935	5435	
Triplex mast with free lift 三节全自由门架			Series TBB205Q TBB205Q系列					
Model 型号			TBB2040	TBB2045	TBB2050	TBB2055		
Lift height 门架闭合高度	mm		4000	4500	5000	5500		
Mast closed height 起升高度	mm		1934	2100	2266	2432		
Free lift height 自由起升高度	mm		989	1155	1321	1487		
Mast extended height 起升时门架高度	mm		4935	5435	5935	6435		

Load Chart 负荷图



Full electric pallet stacker

站驾式全电动对堆高车

TBE SERIES



Product description 产品描述

- Mechanical steering, comfortable, economical, and more reliable
机械转向, 舒适, 经济, 更可靠
- High performance pump station, strong power, ultra-low noise
高性能泵站, 强劲动力, 超低噪音
- Robot welding technology, beautiful and sturdy
机器人焊接技术, 美观、坚固
- AC controller, stepless speed regulation
交流控制器, 无级调速
- Strong power and multiple automatic protections
动力强劲、多重自动保护



Detailed parameter 详细参数

Specifications 参数					
Basic parameters					
1.1	Model	型号	TBE20	TBE20	TBE20Y
1.2	Driving form	驱动形式	电动Electric	电动Electric	电动Electric
1.3	Driving style	驾驶方式	站驾式	站驾式	站驾式
1.4	Rated load	额定载荷	kg	1500	2000
1.5	Load center	载荷中心	mm	500	500
1.6	Wheelbase	轴距	mm	1383	1383
1.7	Dead weight (including battery)	自重 (含电池)	kg	660	760/880
Gantry 门架					
2.1	Specification	规格	12C	12C	12C+12H
Wheel 轮子					
3.1	Tyre	轮胎	Polyurethane wheel聚氨酯轮	Polyurethane wheel聚氨酯轮	Polyurethane wheel聚氨酯轮
3.2	Driving wheel size (diameter x width)	驱动轮尺寸 (直径*宽度)	mm	210x70	250x80
3.3	Front wheel size (diameter x width)	前轮尺寸 (直径*宽度)	mm	80x70	80x70
3.4	Equilibrium dimension (diameter x width)	平衡轮尺寸 (直径*宽度)	mm	125x50	125x50
3.5	Number of wheels (front/rear) (x- drive wheels)	轮子数量 (前/后) (x- 驱动轮)		1x+2/4	1x+2/4
3.6	Front track	前轮距	mm	500	500
3.7	Rear track	后轮距	mm	618	618
Basic size 基本尺寸					
4.1	Total height (at lowest fork)	总高 (货叉最低时)	mm	2080/1580/1830/2080/2330	2080/1580/1830/2080/2330
4.2	Total height	总高 (货叉最高时)	mm	2080/2580/3060/3560/4060	2080/2580/3060/3560/4060
4.3	Lifting height	起升高度	mm	1680/2000/2500/3000/3500	1680/2000/2500/3000/3500
4.4	Fork height (lowest)	货叉离地高度 (最低时)	mm	≤90	≤90
4.5	Handle height (Max/min)	操作手柄离地高度 (最大/最小)	mm	1520/1050	1520/1050
4.6	Whole vehicle length (pedal up/down)	整车长度 (踏板收起/放下)	mm	2030/2420	2030/2420
4.7	Full car width	整车宽度	mm	852	852
4.8	Fork size	货叉尺寸	mm	170/80/1150	170/80/1150
4.9	The fork is wide outside	货叉外宽	mm	680	680
4.10	Minimum ground clearance	最小离地间隙	mm	30	30
4.11	Right-angle stacking channel width, pallet 1000x1200 (1200 along the fork edge)	直角堆垛通道宽度 托盘1000x1200 (1200沿货叉边)	mm	28/9	28/9
4.12	Turning radius (pedal retracted)	转弯半径 (踏板收起)	mm	1619	1619
Performance 性能					
5.1	Travel speed (full load/no load)	行驶速度 (满载/空载)	km/h	4/5	4/5
5.2	Maximum lifting speed without load	空载最大起升速度	mm/s	100	100
5.3	Maximum lifting speed under full load	满载最大起升速度	mm/s	70	70
5.4	Maximum Climbing Capacity (Full Load/Empty Load)	最大爬坡能力 (满载/空载)	%	3.5/4.5	3.5/4.5
5.5	Braking method	制动方式		Electromagnetic 电磁制动	Electromagnetic 电磁制动
Electric machine 电机					
6.1	Drive motor power	驱动电机功率	kw	DCO.7/5	AC1.5
6.1	Boost motor power	提升电机功率	kw	2.2	2.2
6.1	Battery voltage/capacity	蓄电池电压/容量	V/Ah	2 X 12V/120Ah	2 X 12V/120Ah