

让世界更合力
EMPOWER THE WORLD



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* 本公司保留更改产品设计和规格的权利，恕不另行通知。

TSD(S)16-A18

Three-way stacker truck
for walking up narrow roadway



LI-ION **1.6 t**

人上行窄巷道三向堆垛车



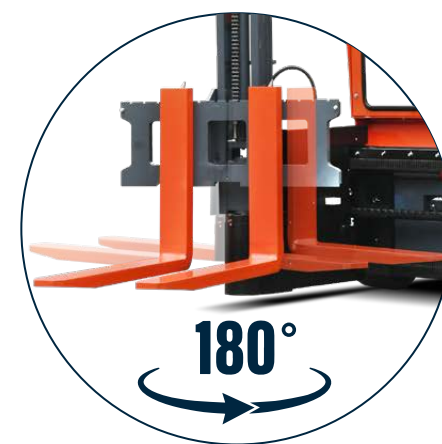
配置优越 Excellent configuration

货叉左右侧移180°旋转

The fork moves left and right side by 180° rotation

在极窄的巷道内, 无需转向车体即可完成左右两侧货物的叉取与堆垛, 大大提高了仓库利用率和作业效率。

In the extremely narrow tunnel, the fork and stacking of goods on the left and right sides can be completed without turning to the car body, which greatly improves warehouse utilization and operating efficiency

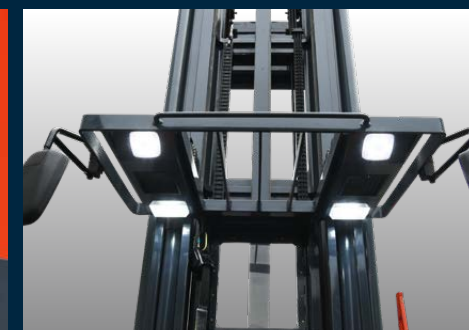


高效生产力 Efficient productivity

- 高扭矩的交流电机出色的加速度、驾驶舱及辅助提升速度快;
- 行驶速度与方向和高度相关联同步旋转 (选配) 以提高工作效率;
- Excellent acceleration of high-torque AC motor, fast cabin and auxiliary lifting speed;
- Driving speed is related to direction and height and rotates synchronously (optional) to improve work efficiency.



- ▶ 两侧防撞滚轮, 保护车辆减少冲击
Anti-collision rollers on both sides protect the vehicle and reduce impact



- ▶ 标配LED前大灯及书写灯
Standard LED headlights and writing lights



- ▶ 后侧门大角度开合, 维修更加便捷
The rear side door opens and closes at a large angle for easier maintenance

符合人体工学设计, 操作舒适

Ergonomic design and comfortable operation

- 驾驶舱入口宽敞方便, 站驾、座驾可选;
- 座驾式车型采用弹簧减震, 高度可调的折叠式座椅;
- 旋转侧移位低且采用大视野型门架, 使面向货物的视线清晰;
- 电子式调节的操作台带彩色显示器;
- 比例电磁阀控制, 所有液压功能的行程末端均有缓冲。

- The cockpit entrance is spacious and convenient, and you can choose from standing and driving;
- The ride-type model adopts spring-damping and height-adjustable folding seats;
- The rotary side shift position is low and the wide field of view type portal frame is used to make the line of sight facing the goods clear;
- Electronically-adjusted console with color display;
- Proportional solenoid valve control, all hydraulic functions have buffering at the end of stroke.



► 多功能操纵台 彩屏仪表显示整车实时信息
Multi-function console, color screen instrument displays real-time information of the whole vehicle



超高起升高度、超强载荷能力

Super high lifting height, super load capacity

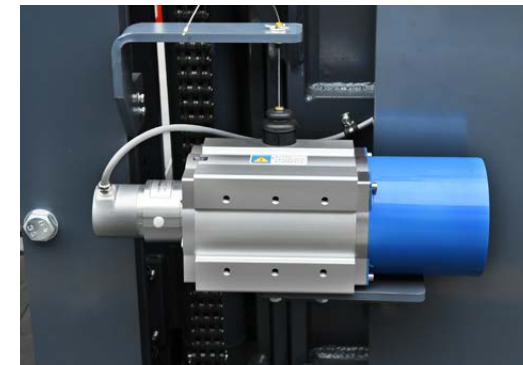
- 起升最大高度可以达到14.7m, 可以帮您更好地提高仓库库容率。
- 高强度专用门架结构设计, 强大的高位载荷能力。在改善视野的同时, 保证了结构强度和刚性, 显著提高高位操作的稳定性。

- The maximum height of the crane can reach 14.7m, which can help you better increase the warehouse storage capacity rate.
- High-strength special portal structure design, strong high-position load capacity. While improving the vision, it ensures structural strength and rigidity, and significantly improves the stability of high-position operations.



- 采用10倍安全系数链条, 提升安全等级
门架油管采用钢管结构, 管路走向更加清晰

Adopt a chain with a safety factor of 10 times to improve the safety level; The gantry oil pipe adopts steel pipe structure making the pipeline direction clearer

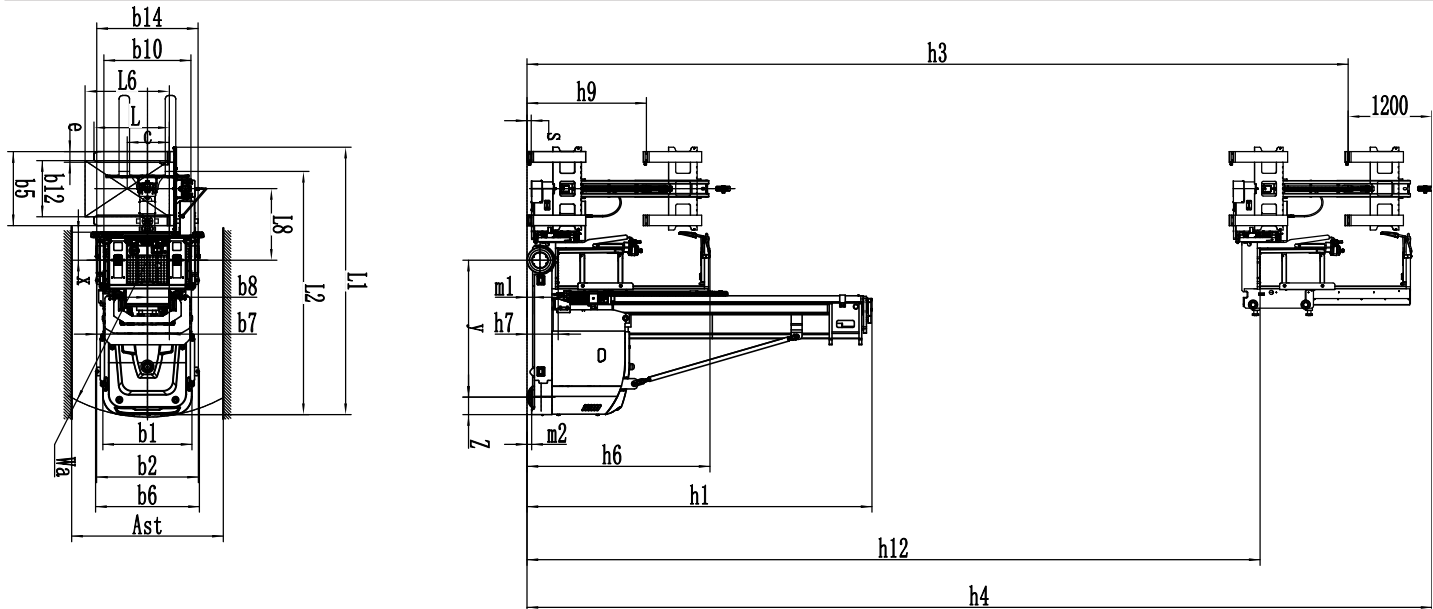


14.7m



制造商和技术参数 Manufacturer and technical parameters

特性					
1.1	型号	Model number			TSD16S-A18S
1.2	额定载重量	Rated deadweight	Q	kg	1600
1.3	驾驶方式	Driving mode			站驾式
1.4	转向	Swerve			电转向
1.5	载荷中心距	Load center distance	c	mm	600
1.6	前悬距	Front overhang	X	mm	400
1.7	后悬距	Rear overhang	Z	mm	250
1.8	总长	Overall length	l1	mm	3810
1.9			l2	mm	3470
1.10	车体宽度 Body width	车身处 Body area	b1	mm	1270
		前轮处 nosewheel	b2	mm	1450
1.11	货叉最大外侧间距	Maximum outer distance of fork	b5	mm	1130
1.12	导轮外侧间距	Outer distance of guide wheel	b6	mm	1480
1.13	门架缩回时高度	Height of the gantry when retracted	h1	mm	见附表
1.14	自由起升高度	Free lifting height	h2	mm	见附表
1.15	起升高度	Lifting height	h3	mm	见附表
1.16	作业时最大高度	Maximum height during operation	h4	mm	见附表
1.17	护顶架高度	Top guard height	h6	mm	2610
1.18	操作台最低高度	Minimum height of console	h7	mm	444
1.19	辅助起升高度	Auxiliary lifting height	h9	mm	1700
1.20	操作台最大高度	Maximum height of console	h12	mm	见附表
1.21	货叉最低高度	Minimum fork height	s	mm	60
1.22	满载时门架底部离地间隙	Clearance of the bottom of the gantry at full load	m1	mm	80
1.23	轴距中心处离地间隙	Ground clearance at center of wheelbase	m2	mm	65
1.24	货叉尺寸	Fork size	s/e/l	mm	60/150/1070
1.25	轴距	wheelbase	y	mm	1950
1.26	前轮距	Front track	b10	mm	1240
1.27	前缸最大起升速度 Maximum lifting speed of front cylinder	无载 no-load	v1	mm/s	470
		满载 Full load	v1'	mm/s	400
1.28	后缸最大起升速度 Maximum lifting speed of rear cylinder	无载 no-load	v2	mm/s	400
		满载 Full load	v2'	mm/s	240
1.29	前缸最大下降速度 Maximum descent speed of front cylinder	无载 no-load	v3	mm/s	370
		满载 Full load	v3'	mm/s	350
1.30	后缸最大下降速度 Maximum descent speed of rear cylinder	无载 no-load	v4	mm/s	350
		满载 Full load	v4'	mm/s	340
1.31	最大运行速度 Maximum operating speed	无载 no-load	v5	km/h	8
		满载 Full load	v5'	km/h	8
1.32	最大侧移速度 Maximum sideshift speed	无载 no-load	v6	mm/s	150
		满载 Full load	v6'	mm/s	150
1.33	满载最大爬坡度	Full load maximum gradient		%	5%
1.34	最小外侧转弯半径	Minimum outside turning radius	Wa	mm	2250
1.35	工作通道宽度	Aisle width for pallets	Ast	mm	1650
1.36	自重(无载, 含蓄电池)	Dead weight (no load, implicit battery)	G	kg	10000kg
1.37	轮胎类型	Tyre type		mm	PU
1.38	轮胎尺寸—前轮	Tire size - Front wheel		mm	370*210
1.39	轮胎尺寸—后轮	Tire size - rear wheel		mm	400*160
1.40	轮胎数量	Number of tires		mm	2/1x
1.41	驱动电机功率	Drive motor power		Kw	13.5
1.42	提升电机功率	Boost motor power		Kw	25.5
1.43	电压/额定容量	Voltage/rated capacity		V/Ah	80/608
1.44	蓄电池重量	Battery weight		kg	1600
1.45	驱动控制类型	Drive control type			AC
1.46	驾驶员耳边噪声	Driver's ear noise		dB	67



标准配置

描述 Description	配置特征值 Configuration eigenvalue	配置选项 Configuration options	配置说明 Configuration instructions
电池 Battery	蓄电池更换方式 Battery replacement method	侧拉 Side pull	●
	锂电池 Lithium battery	和鼎 Heding 80V608AH	●
		和鼎 Heding 80V750AH	○
起重系统 Lifting system	主门架高度 Height of main gantry	主起升采用基本型(低+中位) 3m、4m、5m、6m、6.5m、7m、7.5m、8m、8.5m、9m Basic type (low + medium) for main lift	●
	副起升高度 Secondary lifting height	主起升采用三级全自由(中+高位) 8.5m、10m、11.5m、13m Main lifting with three full free (medium + high)	●
		1700	●
货叉 Fork	货叉长度 Fork length	1070	●
		<1070	○
舒适性 Comfort	工作灯 Work light	装2个工作灯 Install 2 working lights	●
	阅读灯 Reading light	装阅读灯 Install reading light	●
	风扇 Fan	配装风扇 Equipped with fan	●
语言 Language	标牌 Placard	中文标牌 Chinese signage	●
		英文(英语)标牌 (English) signage	○
安全性 Security	警示灯 Warning light	LED闪光式警示灯2个2 LED flashing warning lights	●
	启动方式 Starting mode	钥匙开关 Key switch	●
		刷卡 Swipe card	○
	倒车蜂鸣器 The reverse buzzer	配装倒车蜂鸣器 Equipped with reverse buzzer	●
		配装倒车语音喇叭 Equipped with reverse speaker	○
	逃生包 Escape kit	含安全带、绳索 Safety belt, rope included	●
	灭火器 Extinguisher	不装灭火器 No fire extinguisher	●
		装灭火器 Fire extinguisher	○
	限速	属具位置异常限速 The location of the device is abnormal	●
	导向轮 Guide wheel	不装导向轮 No guide wheels	●
		装导向轮 Install guide wheel	○
	磁导航 Magnetic navigation	不装磁导航 No magnetic navigation	●
		装磁导航 Magnetic navigation	○
	前轮制动 Front wheel braking	不装前轮制动 No front wheel brakes	●
		装前轮制动 Install front wheel brakes	○
	监控 Supervisory control	叉尖 Prong	○
		后方视野 Rear view	○

“●”标配(Standard configuration), “○”选配(Assorting)

二级门架 Secondary gantry

主起升高度 Main lifting height	3000	4000	5000	6000	6500	7000	7500	8000	8500	9000
h1	3117	3617	4117	4617	4867	5117	5367	5617	5867	6117
h2	先副后主1922 先主后副1632	先副后主2422 先主后副2132	先副后主2922 先主后副2632	先副后主3422 先主后副3132	先副后主3672 先主后副3382	先副后主3922 先主后副3632	先副后主4172 先主后副3882	先副后主4422 先主后副4132	先副后主4672 先主后副4382	先副后主4922 先主后副4632
h3	4700	5700	6700	7700	8200	8700	9200	9700	10200	10700
h4	5894	6894	7894	8894	9394	9894	10394	10894	11394	11894
h12	3437	4437	5437	6437	6937	7437	7937	8437	8937	9437

三级门架 tertiary gantry

主起升高度 Main lifting height	8500	10000	11500	13000
h1	4315	4915	5515	6115
h2	先副后主3120 先主后副2830	先副后主3720 先主后副3430	先副后主4320 先主后副4030	先副后主4920 先主后副4630
h3	10200	11700	13200	14700
h4	11394	12894	14394	15894
h12	8937	10437	11937	13437

负荷曲线图Load curve

