



REDEFINEHANDLING









Focus on advanced intelligent machinery manufacturing

INTRODUCTION

WESFORK Industries (ZheJiang) Co., Ltd. (hereinafter referred to as "WESFORK") is a wholly-owned subsidiary of WESFORK Holdings, and is an international company with its roots in China and global distribution, currently there's a number of subsidiary companies, located in Anhui Province, Sichuan Province, Australia, Indonesia and other countries and regions. Our products and solutions are widely used in various industries, and are devoted in every aspect of people's daily life. We tightly cooperate each other, confront the challenges with the courage to innovate and focus on the world to help the internal logistics industry to achieve intelligent, digital, energy-saving. WESFORK not only creates value for customers, but also realizes the cross-border "Redefinition" of logistics equipment industry with the concept of "Redefinition of handling", which continuously improves the customer's high-quality experience of the whole-process management of internal logistics.

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Heavy-duty Stacker

Heavy-dutystacker, rated load 1,600~2,000kg

PS16/20 PS16Li/20Li

Advantage

The advantage is the heavy load condition design, high frame strength, has a large residual carrying capacity Battery side extraction technology, suitable for shift operation

Low voltage automatically cut off the lifting action function, prolong the battery life

The additional stability wheel ensures the stability of the stacker operation

Optional lithium battery, charging fast



product features

Reliable and easy to maintain

A rugged chassis and a solid 6 mm thick enclosure to protect the stacker and components from mechanical impact.

The structural design is tailored for service and maintenance. All of the components are easy to replace.



AC drive technology

Powerful AC drive motor always provides correct and directly responsive operation. The free maintenance system also reduces operating costs.

Flexible for battery applications

Battery side as standard configuration in order to easily and quickly replace the battery, optional lithium ion battery. They allow for a quick full charge (100% charge in 4 hours). They are free of maintenance and do not need additional batteries to operate in multiple shifts.

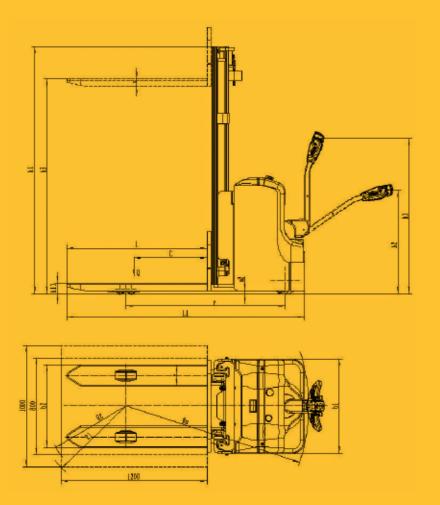




Double speed decline

The hydraulic pump station is equipped with double solenoid valves, there are two kinds of descending speed gear to meet the requirements of various working conditions, to ensure the accurate positioning of the operation, improve the operation efficiency.

Parameter table for industries truck



Performance		PS16 / PS16Li	PS20 / PS20Li		
Power Type		Electric	Electric		
Drive By		Walking	Walking		
Load Capacity	Q(kg)	1,600	2,000		
Load center distance	C(mm)	600	600		
wheelbase	y(mm)	1,381	1,381		
weight with battery	kg	1,100	1,130		
Lifting height	h4(mm)	3,000	3,000		
Overall Length	L1(mm)	1,965 (1,150) /2,035 (1,220)	1,965 (1,150) /2,035 (1,220)		
Overall Width	b1(mm)	780	780		
Descent height	h1(mm)	2,065	2,065		
Min./Max. Height on handle position of drive	h2/h3(mm)	850/1,275	850/1,275		
Min.fork height	h13(mm)	90	90		
Min. Ground clearance	m2(mm)	28.5	28.5		
Fork Size	s/e/l(mm)	60/185/1,150 (1,220)	60/185/1,150 (1,220)		
Fork outside width	b2(mm)	685/560	685/560		
Min. Turning radius	Wa(mm)	1,555	1,555		
Traveling speed (Load/unload)	Km/h	4/4.5	4/4.5		
Lifting speed (Load/unload)	mm/s	100/120	100/120		
Descent speed (Load/unload)	mm/s	180/140	180/140		
Max. Gradeability((Load/unload)	%	5/10	5/10		
battery	V/Ah	24/210 (Lead-acid) 24/200 (Lithium battery)	24/210 (Lead acid) 24/200 (Lithium batter)		
Traveling brake		Electromagnetic brake	Electromagnetic brake		
drive motor	kW	1.25	1.25		
lifting motor	kW	3.0	3.0		
working channel width, 1,000x1,200 tray(1,200 placed along the fork)	Ast(mm)	2,425	2,425		
working channel width, 800x1,200 tray(1,200 placed along the fork)	Ast(mm)	2,365	2,365		

Mast												
Relationship between lifting height and stacker height (two-stage standard mast)												
Lifting height (h3) /mm	3,000 3,300		3	3,500 3,		2,500			2,000			
Mast retraction height (h1) /mm	2,065	2,215		2,315 3,36		55 1,815			1,665			
free-lifting height mm	\	\		\		\			\			
fork lifting height h3-h13 mm	2,910	3,210	3	3,410 3,5		.0 2,410			1,910			
Mast expansion heightmm	3,565	3,865	4	,065	4,165		3,065		2,565			
Relationship between lifting height and stacker height (Three-stage full-free mast)												
Lifting height (h3)/mm	4,500	4,000	4,000		5,000		5,500		6,000			
Mast retraction height (h1)/mm	2,065	1,900	1,900		2,230		2,400		2,565			
free-lifting height mm	1,500	1,326		1,666		1,824			2,000			
fork lifting height h3-h13 mm	4,410	3,910	1	4,910		5,410			5,910			
Mast expansion heightmm	5,065	4,565	4,565		5,565		6,065		6,565			