

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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WESFORK

Redefine handling

Economical electric pallet truck

Economical electric pallet truck, rated load 1,600 kg

PT16E PT20E

compact and light frame design, suitable for a variety of low strength load applications in warehouses or transportation applications on trucks with lifting tailplates

Advantage

Ideal solution for low strength load applications

Built-in charger, highly autonomous function.

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

The additional balance-wheel ensure the stability of the truck operation.



Enhanced plate frame

A rugged frame with fork-reinforced construction



Power battery

2x12v/65Ah (optional 105Ah) powerful maintenance-free battery



Built-in charger

The built-in charger makes the operation more autonomous and increases the working range



Protection

The rugged metal cover protects the motor and wheels, while also reliably protecting the operator's feet.



Battery deeply discharge protection

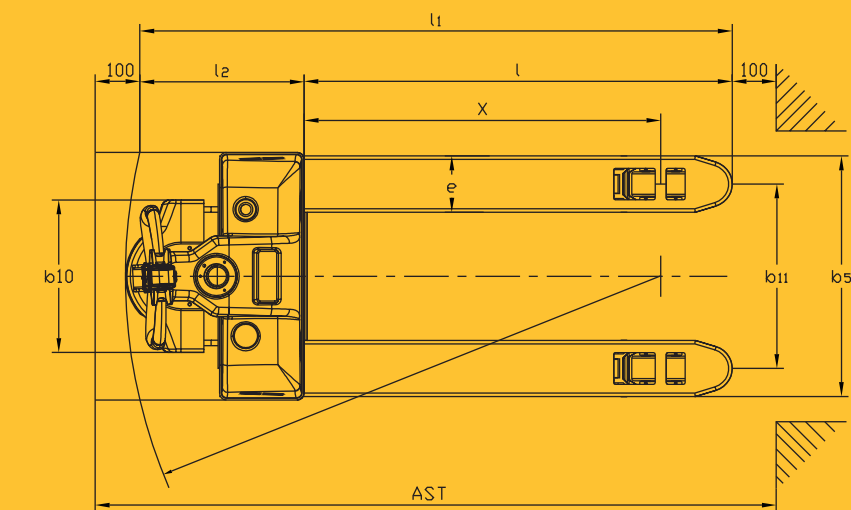
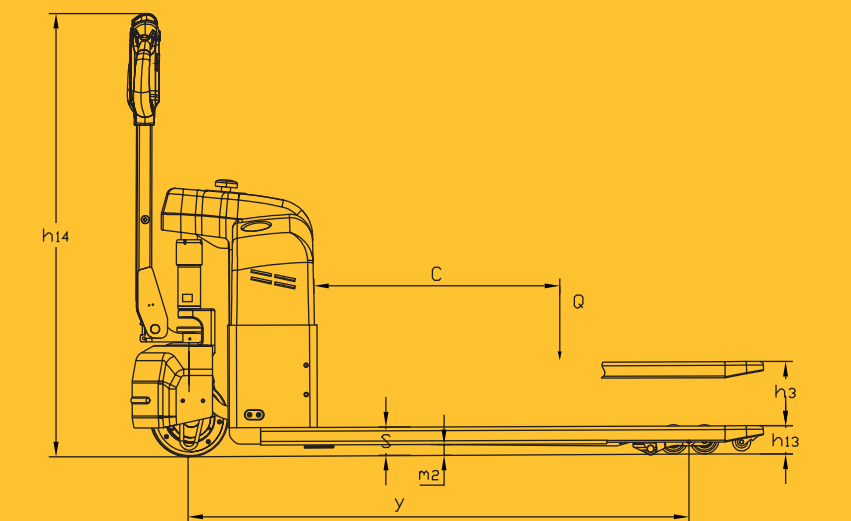
The tested and ergonomic emergency stop button and battery meter are more robust and reliable. The own battery automatic protection device ensure the long life of the battery.



The truck head with entry-roller

The additional entry-roller ensures that the truck can easily enter the tray against possible damage.

Parameter table for industries truck



Characteristic	Model	PT16E		PT20E	
	Drive	Electric		Electric	
	operation Mode (manual,walking,standing,driving,picking)	Walking		Walking	
	Rated load	Q(kg)		1.6	
	Load center distance	c(mm)		600	
	Front suspension distance	x(mm)		953	1,023
	Wheel base	y(mm)		1,307	1,377
Weight	Self-weight with battery	kg	145		165
	Wheel load at full load drive wheel side/bearing Wheel	kg	488/1,277		488/1,277
	Wheel load at empty load drive wheel side/bearing Wheel	kg	130/35		130/35
wheel and frame	Tyres (solid rubber,hyperelastomer,nflatable tire,polyurethane wheel)	PU		PU	
	Front wheel specifications	mm	Ø210X70		Ø210X70
	Rear wheel specifications	mm	Ø80X70Wheel		Ø80X70Wheel
	Balance-wheel	mm			
	Number of wheels front/rear (X=drive wheel)		1x+4		1x+4
	Front wheel tread	b10(mm)	/		/
Basic Dimension	Rear wheel tread	b11(mm)	380	525	380 525
	Lifting height	h3(mm)	115		115
	Handle height during operation min./Max.	h14(mm)	800/1,170		800/1,170
	Min. height of fork	h13(mm)	85		85
	Overall length	l1(mm)	1665	1,735	1665 1,735
	Truck length	l2(mm)	515		515
	Overall width	(mm)	705		705
	Fork Size	s/e/l(mm)	53/160/1,150	53/160/1,220	53/160/1,150 53/160/1,220
	Outside width of fork	b5(mm)	540	685	540 685
	Min. ground clearance	m2(mm)	32		32
Performance	Working channel width 800X1,200 tray (1,200 placed along the fork)	Ast(mm)	1,950		1,950
	Turning radius.	Wa(mm)	1,540		1,540
	Travel speed(full/empty)	km/h	4.0/4.5		4.0/4.5
	Lifting speed(full/empty)	m/s	0.030/0.053		0.030/0.053
	Drop speed (full/empty)	m/s	0.049/0.036		0.049/0.036
Electric Motor	Max. gradeability (full/empty)	%	6/15		10/20
	Driving brake		Electromagnetic braking		Electromagnetic braking
	Driving motor power	kW	0.75		1
	Lifting motor power	kW	0.8		0.8
	Battery voltage/capacity	V/Ah	2x12V/65		2x12V/85
Others	Battery weight	kg	30		45
	Drive control mode speed control		DC		PMSM
	Driver' s ear noise level according to EN12053 db(A)	db(A)	<70		<70