

## OUR BEST ONE YET!

Successor to FEP20, this upgraded electric pallet truck features an improved design for better performance, durability, and ease of use. Built for modern warehouse needs, it's the perfect balance of power and control.



Brushless motor



Small turning radius



Emergency safety protection



Intelligent handle



Maintenance-free battery

## ELECTRIC PALLET TRUCK

#S02-02-EPT20V

Also Available: #S02-02-EPT15V

## PERFORMANCE



### 4 mm Thickness Motor Cover

Effectively protect the internal motor and the wiring device.



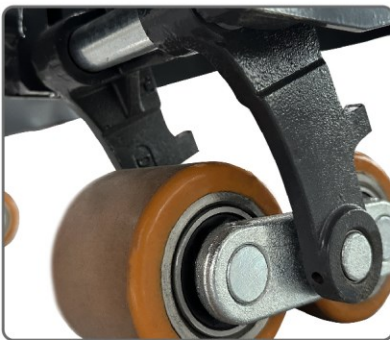
### Replaceable Battery

Charge conveniently.



### ABS Dustproof Plastic Shell

Make the internal controller and wiring neater and nice.



### PU Tandem Wheel

The tandem wheel ensures maximum stability and safety of cargo transportation.



### Drive Assembly



### Optional: Balance Roller

## MAIN FEATURES

- **High Strength Chassis Design**

The high-strength chassis and compact design offer durability and flexibility, backed by precise metal welding, advanced bending techniques, and excellent material toughness.

- **Different Battery Capacity Available**

Battery battery options matched to meet different work time requirements.

- **Security and Stability**

The hydraulic lifting system uses a pipe-free design, which significantly improves reliability and reduces the risk of oil leaks from joints or hoses.

- **Intelligent Control System**

The truck features CAN-BUS technology, which automatically monitors system status and helps identify faults quickly.



Gradeability  
laden / unladen



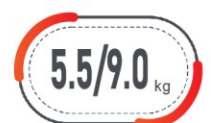
Travel speed  
laden / unladen



Lifting speed  
laden / unladen



Lowering speed  
laden / unladen



Battery weight  
(minimum)

## HANDLE FUNCTIONS

Drive control

Turtle speed

Battery indicator

Magnetic movable key



Standard configuration

Emergency reverse

Horn

Lifting & lowering



Turtle speed

Pin-code access

Original Pin-code:1234+ON

Battery level display



\*Optional

### Turtle speed handle upright walking mode

Long press the Turtle Speed button + Forward/Backward

In warehouses, workshops, and other tight spaces where shelf clearance is limited, forklifts must handle and stack goods with precision. The turtle-speed upright walking mode gives operators greater control, helping them navigate narrow aisles and avoid collisions with shelves or nearby items.



## MOTOR PERFORMANCE



### Gradeability & Robustness

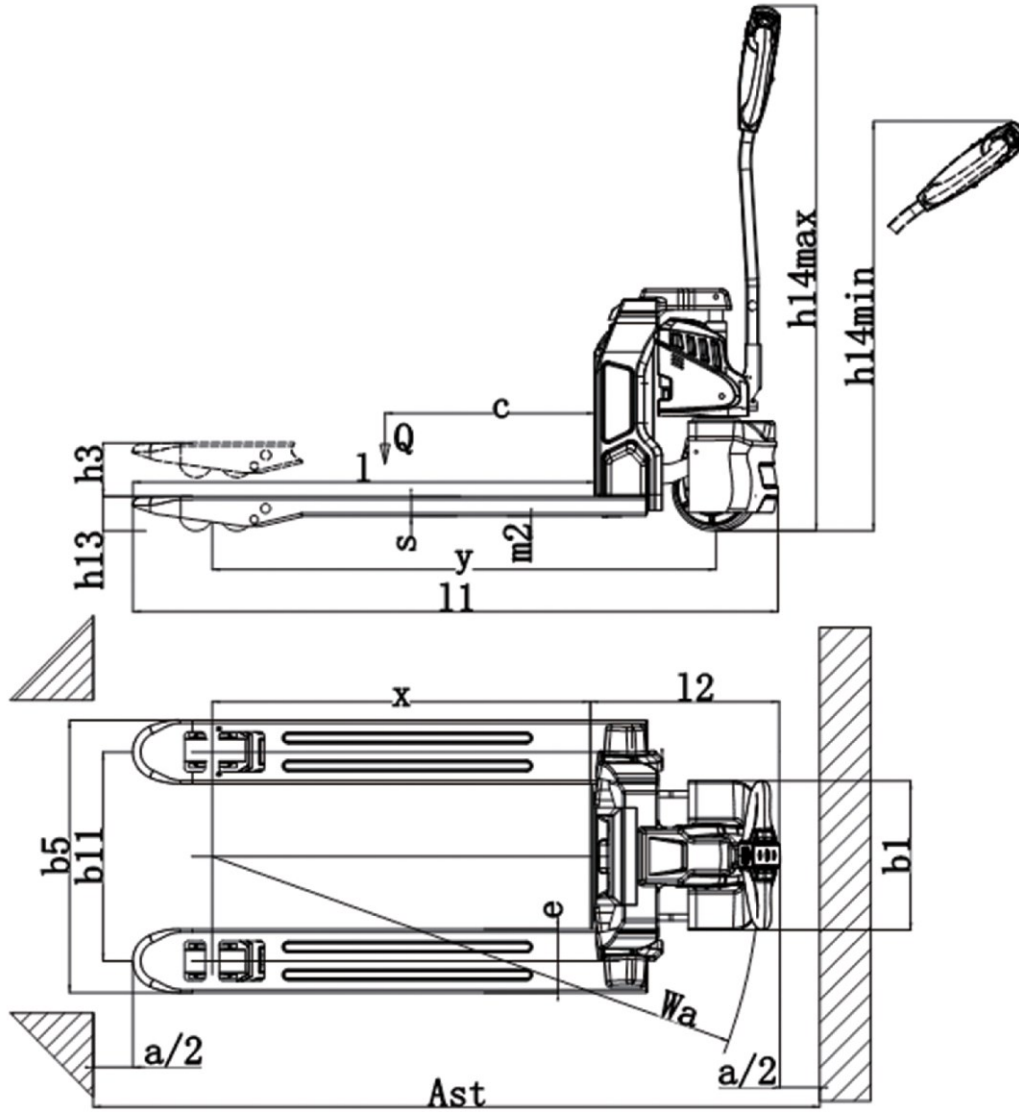
The EPT-V handles slopes with ease—offering a gradeability of 6% when fully loaded and 10% when unloaded—making it suitable for a wide range of material handling applications.

The forks are reinforced with double-sided C-shaped supports and strengthened fork tips, enhancing the overall frame strength and rigidity.

### Smart & Replaceable Battery and quick charger

- Equipped with maintenance-free 48V/15Ah and 24V/20Ah lithium iron phosphate batteries
- Full charging time is 3 hours, which greatly improves the truck's uptime
- Lightweight battery allows quick replacement in under 5 seconds





# SPECIFICATION

	Manufacturer's Data and Design Characteristics		#S02-02-EPT15V   #S02-02-EPT20V		
Distinguishing mark	1.3	Power(battery, diesel, petrol gas, manual)	Battery		
	1.4	Operator type	Pedestrian		
	1.5	Load Capacity / rated load	Q (t)	1.5	2.0
	1.6	Load centre distance	c (mm)	600	
	1.8	Load distance, centre of drive axle to fork	x (mm)	950	
	1.9	Wheelbase	y (mm)	1270	
Weight	2.1	Service weight	kg	142	145
	2.2	Axle loading, laden front/rear	kg	828/1326	
	2.3	Axle loading, unladen front/ rear	kg	100/34.5	
Tires, chassis	3.1	Tires	PU		
	3.2	Tire size, front	Φ × w (mm)	Φ210×75	
	3.3	Tire size, rear	Φ × w (mm)	Φ80×70	
	3.4	Additional wheels (dimensions)	Φ × w (mm)	Φ70×36	
	3.5	Wheels, number front / rear (x=driven wheels)		1x/4	
	3.6	Tread, front	b10 (mm)	390/550	528/685
	3.7	Tread, rear	b11 (mm)	390/525	
Dimensions	4.4	Max lift height	h3 (mm)	195	
	4.9	Height of tiller in drive position min. / max.	h14 (mm)	585/1250	
	4.15	Height, lowered	h13 (mm)	85	
	4.19	Overall length	l1 (mm)	1620	
	4.20	Length to face of forks	l2 (mm)	470	
	4.21	Overall width	b1 (mm)	550	
	4.22	Fork dimensions	s/e/l (mm)	50/160/1150	
	4.25	Distance between fork-arms	b5 (mm)	550/685	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	35	
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	1820	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	1870	
4.35	Turning radius	Wa (mm)	1380		
Performance	5.1	Travel speed, laden/ unladen	km/h	4.2/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.017/0.02	
	5.3	Lowering speed, laden / unladen	m/s	0.04/0.04	
	5.8	Gradeability, laden/ unladen	%	6/10	
	5.10	Service brake		Electromagnetic	
Motors	6.1	Drive motor rating S2 60min	kw	0.9	
	6.2	Lift motor rating at S3 10%	kw	0.5	
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		no	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/20	48/15
	6.5	Battery weight (minimum)	kg	5.5	9.0
	6.6	Energy consumption acc. to VDI cycle	KWh/h	0.5	
Additional data	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	≤70	

## WHY UPGRADE?

# Still using a manual pallet truck? Here's what your team goes through— and why the **STOCKY** is a smarter choice.



### Manual Pallet Trucks

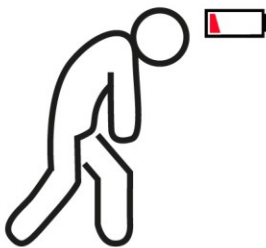
#### Back & Joint Strain

Repetitive pulling and lifting lead to back pain, especially during long shifts.

### #S02-02-EPTV

#### Reduces Back Strain

Electric movement means less physical effort for every load.



#### Worker Fatigue

Physical exhaustion lowers productivity and increases error risks.

#### Improves Efficiency

Quicker operation means more done with less effort.



#### Hard to Attract Younger Workers

Many younger employees prefer modern workplaces with efficient tools.

#### Appeals to Younger Workforce

Modern tools appeal to younger workers looking for tech-driven environments.

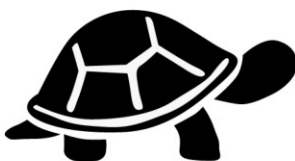


#### Gender-Limited Operation

Heavy, manual trucks can discourage female workers from participating.

#### Easy for Anyone to Operate

Lightweight controls make it accessible, including for female workers.

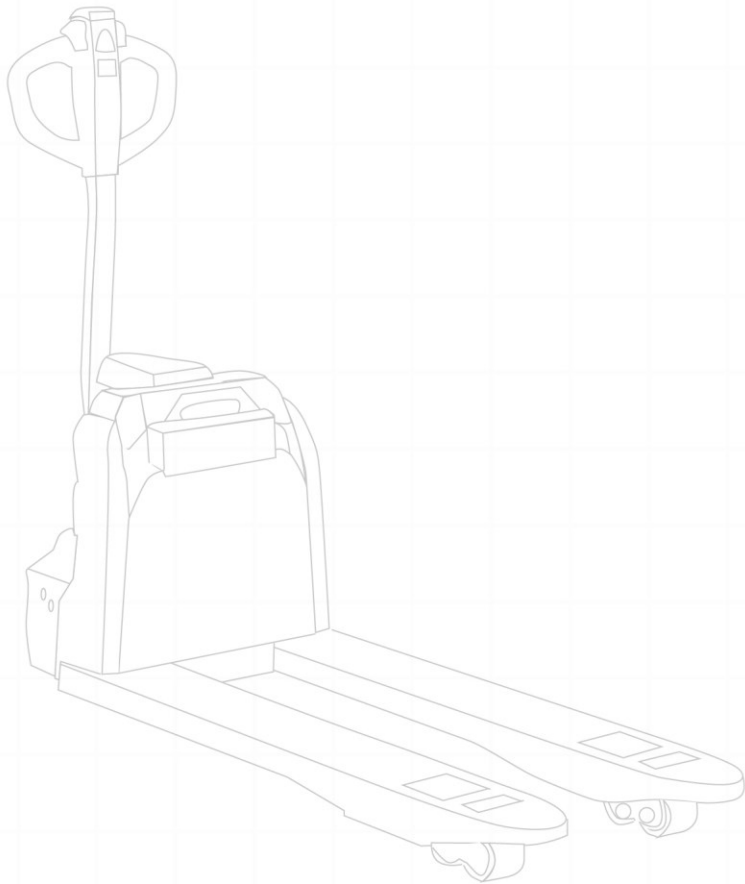


#### Slower Operations

Manual systems drag down efficiency, especially in larger or time-sensitive workflows.

#### Better Operations Over Time

Long-term savings from reduced injuries, faster workflow, and higher morale.



**STOCKY**<sup>®</sup>



 **Y K Toh Marketing (S) Pte Ltd**

41 Changi South Avenue 2, TSK Building, Singapore 486153

Tel: (65) 6542 3232 Fax: (65) 6542 3636

Email: [enquiry@yktoh.com](mailto:enquiry@yktoh.com)