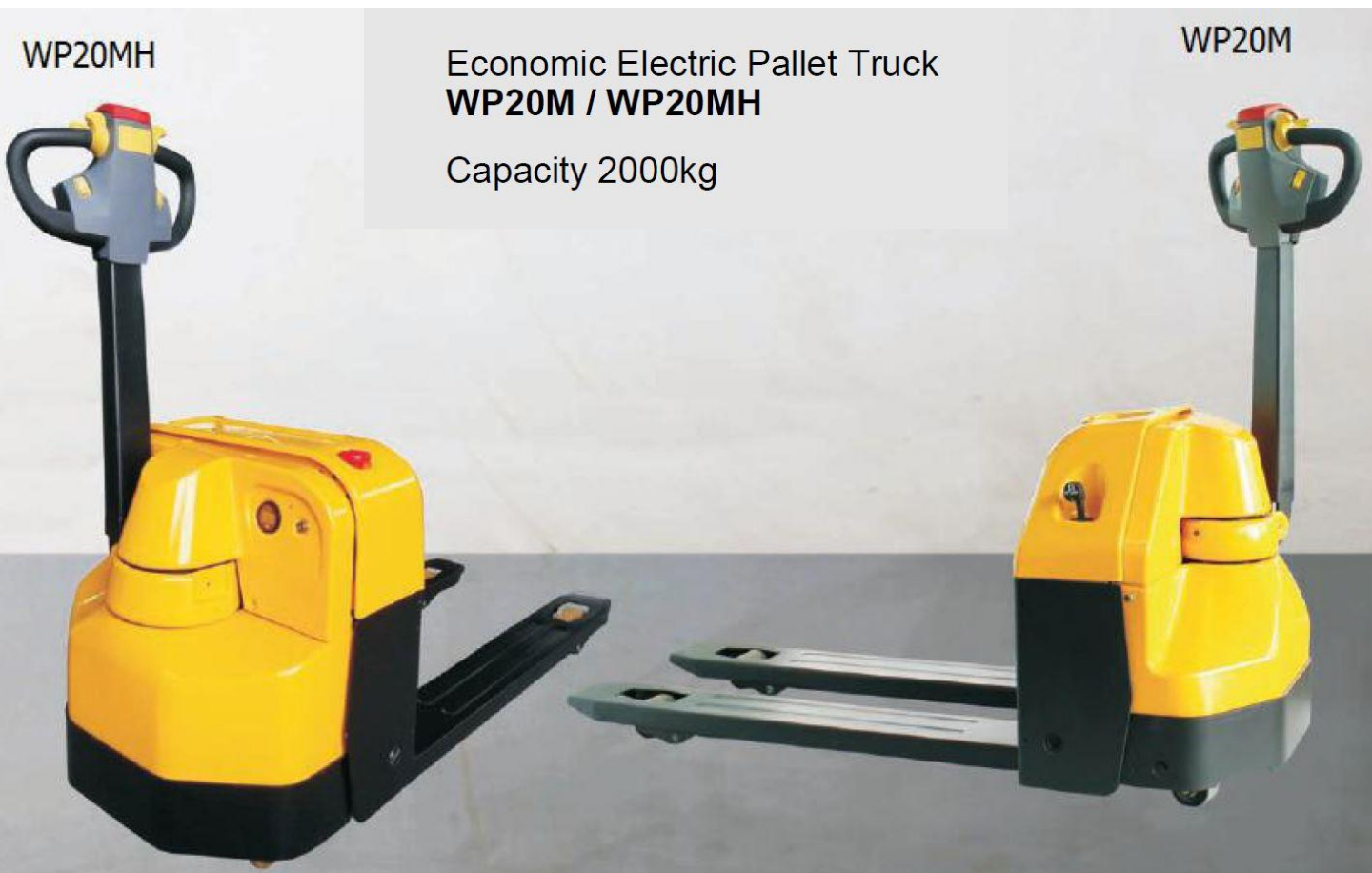




# Battery Operated Pallet Truck



- ▶ Smart body, with attractive appearance. High-strength frame designed for tough pallet handling tasks.
- ▶ Lower consumption, Lower service cost, while higher performance. Ideal choice for replacing Hand Pallet Truck.
- ▶ 24V, 80/160Ah maintenance free battery contributes to strong power and easier operation, meeting most requirements for light and medium duty applications.
- ▶ Compact structure and reasonable layouts provides steadiness and durability during operation.
- ▶ Intelligent and modular designs enhance easier operation, convenient dismantle and quick service.

## **Serviceability**

1. Self-Diagnostics provided direct fault code readout during operation and start up, which is ease of service and maintenance. No need external hand set analyzer any more.
2. 24V, 80/160Ah maintenance free battery contributes to strong power and easier operation, meeting most requirements for light and medium duty applications
3. Built-in charger practically eliminates contamination entry, which can result in failure; in addition, the charger has been designed to operate with even greater reliability.
4. The optimum component layouts make easy access and quick service. More uptimes and lower costs contribute to satisfy owner's benefit and operator's experience.
5. Thanks to sleep model function and low battery voltage alarm function, the energy saving is apparent It adds up to longer battery service life, and more productivity as well as lower costs.



## Sleep Model Function

- Thanks to sleep model function and low battery voltage alarm function, the energy saving is apparent.
- It adds up to longer battery service life, and more productivity as well as lower costs.



## Balance Wheels

- The design of balance wheels provide steadiness during operation.
- Perfect shock absorption effect achieved by spring and PU.gasket.

## Option



WP20M Internal Structure:  
DC vertical driving motor standard,  
AC vertical driving motor optional.



160ah battery option offer 2  
times working time, 7-8 hours  
nonstop working.

## Body

- Smart body, compact structure and reasonable layouts greatly increase the steadiness and durability.
- Easy to dismantle the cover and make service.



## New Handle

- Super longer handle is utilized for easier operation and less steering efforts.

## Internal Structure

- Built-in charger practically eliminates contamination entry, which can result in failure; in addition, the charger has been designed to operate with even greater reliability.
- AMP connectors make sure of the high quality.

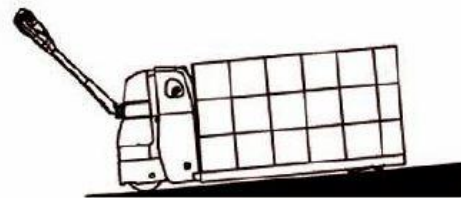
## Scale truck

- Economically priced, low installation costs, so lower initial investment and higher ROI.
- Scale components are easily accessible and digitally calibrated: less maintenance, lower cost of ownership.



## WP20M Gradeability

Gradeability  $\leq 7\%$   
Capacity  $\leq 1800\text{kg}$





			Model		WP20M (WP20MH)
	1.1		Operate Type		Walkie
	1.2	Q	Load Capacity	kg	2000
	1.3	c	Load Center	mm	600
	1.4	y	Wheelbase	mm	1320
<b>Weight</b>	2.1		Service Weight(Incl. Battery)	kg	320 (380)
<b>Wheels</b>	3.1		Tyre Type		PU
	3.2		Tyre Size,Drive Wheels	mm	Φ230x70
	3.3		Tyre Size,Load Wheels	mm	Φ80x60
	3.4		Tyre Size,Balance Wheels	mm	Φ84x48
	3.5		Wheels,Numbers(x= drive wheel)		1x+1/4
<b>Dimensions</b>	4.1	h3	Lift Height	mm	205
	4.1.1	h14	Height of tiller arm,Min/Max	mm	785/1250
	4.1.2	h13	Fork Height, Lowered	mm	85/74
	4.2	l1	Overall Length	mm	1620
	4.2.1	b1/b2	Overall Width	mm	680
	4.3	l/e/s	Fork Dimension	mm	1150x160x50
	4.4	b5	Outside Fork Width	mm	540/680
	4.5	m2	Ground Clearance	mm	35
	4.6	ast1	AST,1000X1200 pallet crossways	mm	1980
	4.6.1	ast2	AST,800X1200 pallet crossways	mm	1860
4.7	wa	Outer Turning Radius	mm	1430	
	5.0		Max Gradeability,Laden/Unladen	%	8.0/16.0
	5.1		Travel Speed, Laden/Unladen	km/h	5.0/5.5
	5.2		Lifting Speed, Laden/Unladen	m/s	0.05/0.06
	5.3		Lowering Speed, Laden/Unladen	m/s	0.05/0.06
<b>Drive</b>	6.1		Drive Motor Rating S2 60Min	kw	1.10DC/AC
	6.2		Lifting Motor Rating S3 15%	kw	0.85DC
	6.3		Battery Voltage/Capacity(3h)	V/Ah	24V 80Ah (160Ah)
<b>Others</b>	7.1		Controller		PG
	7.2		Service Brake		Regenerate
	7.3		Parking Brake		Electromagnetic

