



Making Handling A Breeze



**Material
Handling
Equipment**

Variety of Handling Equipment.

We supplied wide range of material handling equipment to cater customers need.



KOMADA

Material Handling Equipment

Optimize Your Material Flow with Our Premium Handling Equipment. Our catalog presents a comprehensive selection of high-quality material handling equipment designed to improve efficiency and safety in your operations. Explore our range of platform trolleys, hand pallet truck, electric stacker, and more. Find the reliable solutions you need to move your business forward.

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1 Strong Flexibility

Ultra thin body, fast shuttle, strong flexibility

- Flexible access to various types of products via dedicated channels;
- A range of shelf configurations offering diverse operational methods, accommodating the needs of diverse users and varying levels of work intensity.



Last-in, first-out (LIFO) mode



First-in, first-out (FIFO) mode

2 Efficient space utilization

High-density storage, efficient handling, enhancing space utilization

- The shelves can be arranged in a dense configuration, allowing forklifts to operate solely at the warehouse entrance.
- With shuttle cars efficiently transporting goods to their designated positions. The warehouse space is fully utilized, achieving a utilization rate of over 80%.
- The battery capacity is standardly equipped with 48V/30Ah, capable of continuous operation for 6 to 8 hours.

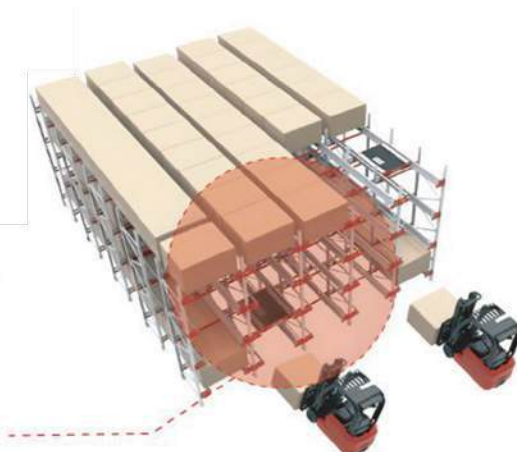


Utilization rate
80%

3 Safe and Reliable

Laser + photoelectric dual positioning, flexible motion control, comprehensive safety protections, ensuring safety and reliability.

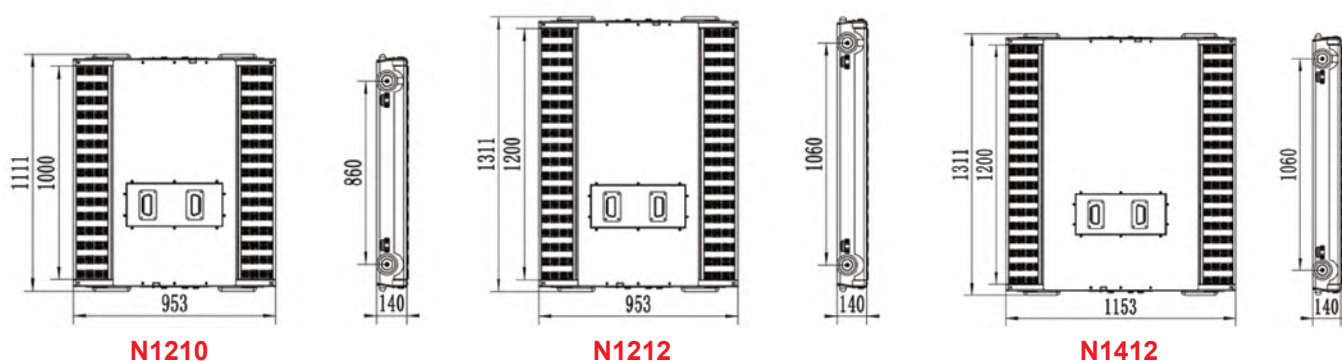
- Forklifts and personnel are not required to enter the aisles, enhancing the safety of both staff and cargo.
- When compared to drive-in and through rack systems, the structure is more stable and the safety factor is higher.



Product Parameters

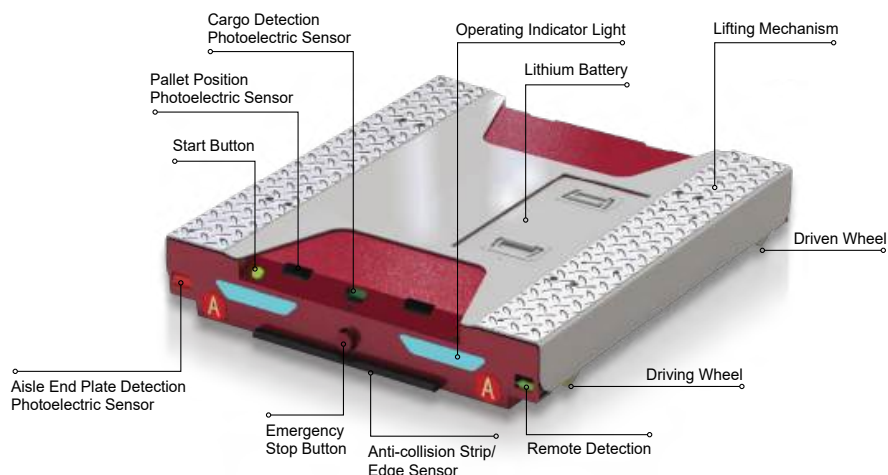
Product code		N1210	N1212	N1412
Basic Parameters				
Dimension	mm	953W x 1111L x 140H	953W x 1311L x 140H	953W x 1311L x 140H
Weight	kg	260	280	300
Rated load	kg	1500		
Lifting height	mm	45		
Drive wheel size	mm	100		
Drive wheel spacing	mm	859	1059	1059
Guide wheel size	mm	50		
Laser range distance	m	0.03~10		
Applicable tray size	mm	1200 x 1000	1200 x 1200	1400 x 1200
Applicable tray types		Chuan Shaped; Tian Shape		
Ambient temperature		-10°C ~ 50°C		
Ambient humidity		≤85% No Condensation		
Track adaptation		All sizes of tracks		
Storage spacing		5-25cm adjustable		
Speed control mode		Flexible motion control		
Operating noise		≤70dB		
Motion Performance				
Full load moving speed	m/s	0.9		
No load moving speed	m/s	1.2		
Motion positioning method		Laser		
Tray positioning method		Laser and Optoelectronic		
Lifting positioning method		Proximity switch		
Repeatability		5		
Battery type		Lithium Iron Phosphate		
Battery Performance				
Rated voltage	V	48		
Battery capacity	AH	30AH		
Rechargeable times		2000		
Full power working time		8H		
Charging time		3-4h		
Charging method		Independent battery charge		
Safety Protection				
Automatic avoid-obstacle		✓	✓	✓
Anti-collision stripes		✓	✓	✓
Remote emergency stop		✓	✓	✓
Tray in place detection		✓	✓	✓
Fault warning light		✓	✓	✓

All parameters can be customized according to requirements, and all models can be customized with cold storage versions.



Product Overview

A Pallet Radio Shuttle is an advanced material handling system designed to optimize warehouse storage and retrieval process. This system consists of automated vehicles that operate within specially designed racks to store and retrieve pallets or cases.



Product Parameters

Product code		AXS1200x1000-T1.5	BXS1200x1000-T1.5	DXS1200x1000-T1.5	CXS1200x1200-T2
Basic Parameters					
Dimension	mm	964W x 1040L x 171H	948W x 1040L x 171H	948W x 1040L x 147H	952W x 1200L x 174H
Rail height	mm	140	163	126	163
Weight	kg	250	250	230	300
Rated load	kg	1500	1500	1500	2000
Standard pallet size	mm	1200W x 1000D Customizable W1000~1600 x D1000~1600			1200W x 1200D, Customizable 1200~1600W x 1200~1600D
Control method (Optional)		Remote control / WI-FI Option			
Operating temperature (Optional)		Standard Temperature Range (-20°C ~ +60°C) Low Temperature Range (-25°C ~ +0°C)			
Performance					
Unloaded travel speed	m/s	1	1	1	0.7
Loaded travel speed	m/s	0.8	0.8	0.8	0.5
Acceleration	m/s2	0.3	0.3	0.3	0.2
Lift time	s	3	3	2.5	3.5
Motor power		750W	750W	750W	1200W
Positioning accuracy	mm	± 3mm	± 3mm	± 3mm	± 3mm
Number of wheels		4 wheels (Polyurethane)	4 wheels (Polyurethane)	4 wheels (Polyurethane)	8 wheels (Polyurethane)
Wheel diameter	mm	100mm	110mm	100mm	110mm
Battery					
Battery capacity		48V30, 40, 50AH (Optional)			
Working times		6-8H			
Charging time		2-3H			
Battery type		LiFePO4 Battery			
Number of charge / discharge cycles		1500			

All parameters can be customized according to requirements, and all models can be customized with cold storage versions.



FILO



FIFO



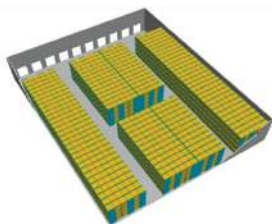
Pallet radio shuttle advantages

For the original drive-in rack, many forklift work channels must be reserved for forklift to place cargo on to rack by directly entering warehouse area. This mode has a big disadvantage, i.e. wasting time and energy, which seriously affects the management efficiency in the warehouse. Now it is changed to shuttle rack, in which forklift only works in front end of warehouse, and cargo is transported to the designated location through pallet radio shuttle. What pallet radio shuttle transfers between various channels is completed by forklift. This program largely improves work efficiency, which has achieved results of swift and safety.

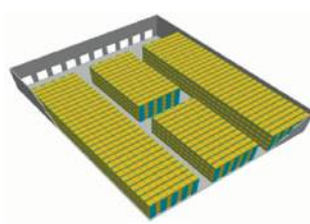
Advantage details are as follows:

1. Forklift is unnecessary for entering aisle, which can save operating time and improve security of both personnel and cargo.
2. Warehouse space is fully utilized so that availability in warehouse can be more than 80%.
3. Different kinds of products can be flexibly accessed in rails.
4. Structural stability makes higher safety factor in comparison with drive-in rack.
5. First-in-first-out (FIFO) and first-in-last-out (FILO) can be realized;
6. Be suitable for cargo with more quantity and less variety, such as food, beverage, chemical, medicine and tobacco industries with single variety and more batches, especially in cold storage environment.

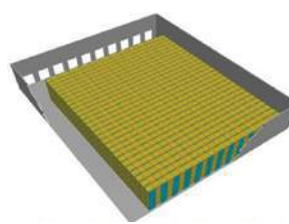
Contrast figure software house system: (2600 pallets)



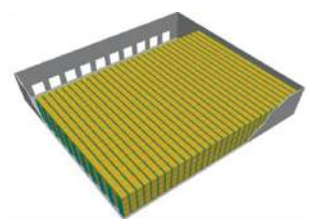
Drive-in rack with 9 deep locations



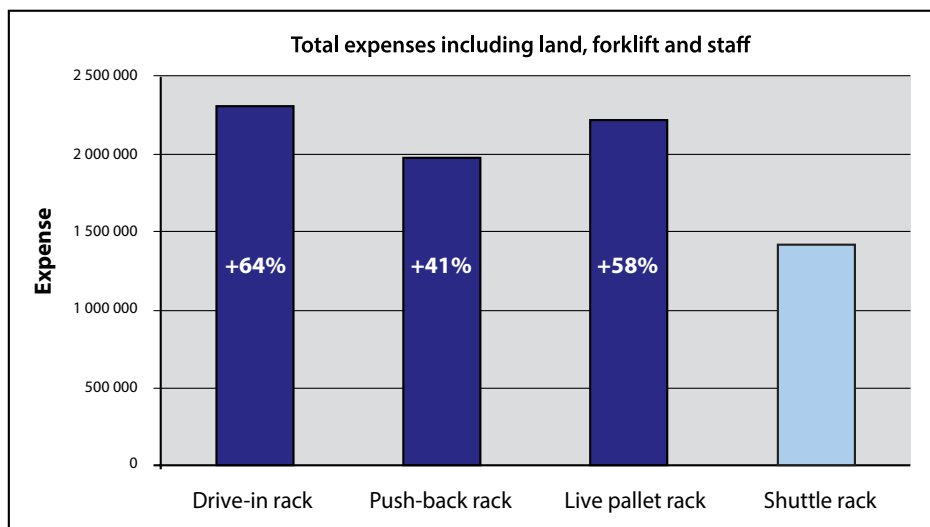
Push-back rack with 5-6 deep locations



Pallet flow rack with 25 deep locations



Shuttle rack with 22 deep locations



Total expenses: Land fork and staff figure

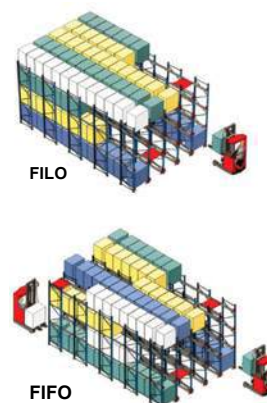
The above comparison clearly shows that shuttle rack has absolute advantage in whole expenses!
Therefore it is also future selection for customer!

Product Parameters			Standard Type	Heavy Load Type	Low Temperature Type	Stacker Type
Maximum loading		kg	1500	2000	1500	1500
Move	Running speed	kg	V_{max} (empty) : 1.0m/s V_{max} (full) : 0.8m/s	V_{max} (empty) : 0.8m/s V_{max} (full) : 0.6m/s	V_{max} (empty) : 1.0m/s V_{max} (full) : 0.8m/s	V_{max} (empty) : 1.5m/s V_{max} (full) : 1.0m/s
	Drive motor	mm	Domestic brushless servo motor 48VDC 600W	Domestic brush motor 48VDC 800W	Imported brush servo motor 48VDC 600W	Imported brushless servo motor 48VDC 600W
	Servo driver	mm	Domestic customized servo driver	Domestic customized servo driver	Domestic customized servo driver	Imported brushless servo driver
Lift	Lift motor	mm	Imported motor 48VDC 500W	Domestic motor 48VDC 540W	Imported motor 48VDC 500W	Imported motor 48VDC 500W
	Lift height	mm	≤ 45mm	≤ 45mm	≤ 45mm	≤ 45mm
Move positioning laser sensor		m	Germany P+F/ SICK	Germany P+F/ SICK	Germany P+F/ SICK	Germany P+F/ SICK
Pallet positioning laser sensor		mm	Germany P+F/ SICK	Germany P+F/ SICK	Germany P+F/ SICK	Germany P+F/ SICK
Lift control proximity switch			Germany P+F	Germany P+F	Germany P+F	Germany P+F
Object detection photo sensor			Germany P+F/ SICK	Germany P+F/ SICK	Germany P+F/ SICK	Germany P+F/ SICK
Control system			Siemens S7-200 PLC	Siemens S7-200 PLC	Siemens S7-1200 PLC	Siemens S7-1200 PLC
Remoter spare			Customized IMT	Customized IMT	Customized IMT	Spare domestic
Power supply			Lithium battery	Lithium battery	Lithium battery	Lithium battery
Battery parameter			48V, 30AH	48V, 40AH	48V, 40AH	48V, 30AH
Run time			≥ 8 Hours	≥ 8 Hours	≥ 8 Hours	≥ 8 Hours
Charging time		m/s	3~4H	3~4H	3~4H	3~4H
Battery lifetime		m/s	Charge times ≤ 1000	Charge times ≤ 1000	Charge times ≤ 1000	Charge times ≤ 1000
Operation mode			Remote control	Remote control	Remote control	WCS dispatch / Remote control
Running noise			≤ 60dB	≤ 60dB	≤ 60dB	≤ 60dB
Colour			Frame (Black), others (Light Gray)	Frame (Black), others (Light Gray)	Frame (Black), others (Light Gray)	Frame (Red), others (Light Gray)
Ambient temperature			Temp: 0°C ~ 50°C, Humidity: 5% ~ 95%	Temp: 0°C ~ 50°C, Humidity: 5% ~ 95%	Temp: -25°C ~ 50°C, Humidity: 5% ~ 95%	Temp: -25°C ~ 50°C, Humidity: 5% ~ 95%

Structure Composition



Standard Operation





Product		Platform Trolley without Handle	Fixed Handle Platform Trolley	Foldable Handle Platform Trolley
Product code		KMT 104	KMT 114	KMT 134
Dimension	mm	480W x 740L x 145H	480W x 740L x 845H	480W x 740L x 845H
Capacity	kg	200		
Castor wheel	mm	Ø100mm Grey TPR wheel 2 Swivel & 2 Fixed		
Net weight	kg	8	11.6	11.6
Measurement	m ³	0.046	0.046	0.046



Product		2 Shelf 2 Handle Trolley	3 Shelf 1 Handle Trolley	3 Shelf 2 Handle Trolley
Product code		KMT 224	KMT 314	KMT 324
Dimension	mm	480W x 740L x 895H	480W x 740L x 905H	480W x 740L x 905H
Capacity	kg	200		
Castor wheel	mm	Ø100mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	19	24.5	24.5
Measurement	m ³	0.051	0.06	0.05



Product		2 Shelf Trolley with Ledge	3 Shelf Trolley with Ledge	Full Iron Net Trolley	2 Shelf Trolley with Iron Net
Product code		KMT 254	KMT 354	KMT 174	KMT 274
Dimension	mm	480W x 740L x 895H	480W x 740L x 905H	480W x 740L x 850H	480W x 740L x 1050H
Capacity	kg	200			
Castor wheel	mm	Ø100mm Grey TPR Wheel 2 Swivel & 2 Fixed			
Net weight	kg	20.5	27	20	27.6
Measurement	m ³	0.088	0.117	0.068	0.083



Reinforced Double U Steel Bar to strengthen platform solidness.

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Product		Platform Trolley without Handle	Fixed Handle Platform Trolley	Foldable Handle Platform Trolley
Product code		KMT 105	KMT 115	KMT 135
Dimension	mm	590W x 890L x 180H	590W x 890L x 840H	590W x 890L x 840H
Capacity	kg	300		
Castor wheel	mm	Ø125mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	15.5	19	19
Measurement	m ³	0.074	0.074	0.074

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16



Product		2 Shelf 2 Handle Trolley	3 Shelf 1 Handle Trolley	3 Shelf 2 Handle Trolley
Product code		KMT 225	KMT 315	KMT 325
Dimension	mm	590W x 890L x 945H	590W x 890L x 965H	590W x 890L x 965H
Capacity	kg	300		
Castor wheel	mm	Ø125mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	31	42	42
Measurement	m ³	0.097	0.111	0.111

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19



Product		2 Shelf Trolley with Ledge	3 Shelf Trolley with Ledge	Full Iron Net Trolley
Product code		KMT 255	KMT 355	KMT 175
Dimension	mm	590W x 890L x 945H	590W x 890L x 965H	590W x 890L x 920H
Capacity	kg	300		
Castor wheel	mm	Ø125mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	32.5	44.5	30
Measurement	m ³	0.15	0.194	0.1

Metal Platform Trolley | 300KG

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22



Product		Platform Trolley with Side Rail	2 Shelf Trolley with Cage	2 Shelf Trolley with Iron Net
Product code		KMT 185	KMT 285	KMT 275
Dimension	mm	590W x 890L x 880H	590W x 890L x 945H	590W x 890L x 1100H
Capacity	kg	300		
Castor wheel	mm	Ø125mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	22.4	31	40
Measurement	m³	0.087	0.097	0.112

Metal Platform Trolley | 400KG

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Product		2 Fixed Handle Platform Trolley	Foldable Handle Platform Trolley
Product code		KMT 126A	KMT 136
Dimension	mm	790W x 1250L x 815H	770W x 1235L x 815H
Capacity	kg	400	
Castor wheel	mm	Ø150mm Grey TPR Wheel 2 Swivel & 2 Fixed	
Net weight	kg	47.2	43
Measurement	m³	0.198	0.19

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27



Product		Full Iron Net Trolley	Platform Trolley with Side Rail	Platform Trolley with End Gate
Product code		KMT 176	KMT 186	KMT 196
Dimension	mm	770W x 1235L x 970H	770W x 1235L x 845H	770W x 1235L x 1270H
Capacity	kg	400		
Castor wheel	mm	Ø150mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	48	45.5	43
Measurement	m³	0.20	0.20	0.20

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Product	2 Fixed Handle Platform Trolley		Foldable Handle Platform Trolley	
Product code	KMT 128A		KMT 138	
Dimension	mm	790W x 1250L x 860H	mm	770W x 1235L x 875H
Capacity	kg	500		
Castor wheel	mm	Ø200mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	49		46
Measurement	m³	0.198		0.19

30



31



32



Product	Full Iron Net Trolley		Platform Trolley with Side Rail		Platform Trolley with End Gate	
Product code	KMT 178		KMT 188		KMT 198	
Dimension	mm	770W x 1235L x 1030H	mm	770W x 1235L x 905H	mm	770W x 1235L x 1330H
Capacity	kg	500				
Castor wheel	mm	Ø200mm Grey TPR Wheel 2 Swivel & 2 Fixed				
Net weight	kg	57		53.5		51
Measurement	m³	0.20		0.20		0.20

Stainless Steel Platform Trolley | 200KG - 350KG

33



34



Product code	KST 134		KST 135	
Dimension	mm	480W x 735L x 855H	mm	575W x 870L x 855H
Capacity	kg	200		350
Castor wheel	mm	Ø100mm Grey TPR Wheel 2 Swivel & 2 Fixed Stainless Steel Castor		
Net weight	kg	11.6		16.7
Measurement	m³	0.043		0.068



Product		Foldable Handle PVC Platform Trolley	PVC 2 Shelf 2 Handle Trolley	PVC 3 Shelf 2 Handle Trolley
Product code		NSR 134	NSR 224	NSR 324
Dimension	mm	440W x 705L x 870H	480W x 720L x 940H	480W x 720L x 940H
Capacity	kg	150		
Castor wheel	mm	Ø100mm Blue Elastic Rubber Wheel 2 Swivel & 2 Fixed		
Net weight	kg	10.5	15.2	18.7
Measurement	m ³	0.05	0.05	0.072



Product		Foldable Handle PVC Platform Trolley	PVC 2 Shelf 2 Handle Trolley	PVC 3 Shelf 2 Handle Trolley
Product code		NSR 135	NSR 225	NSR 325
Dimension	mm	595W x 895L x 870H	590W x 900L x 1005H	590W x 900L x 1005H
Capacity	kg	300		
Castor wheel	mm	Ø125mm Blue Elastic Rubber Wheel 2 Swivel & 2 Fixed		
Net weight	kg	14	24.6	29.5
Measurement	m ³	0.084	0.105	0.113

PVC Platform Trolley | 150KG - 200KG



Product		Foldable Handle PVC Platform Trolley	PVC 2 Shelf 1 Handle Trolley
Product code		KPT 134	KPT 214
Dimension	mm	455W x 710L x 880H	455W x 710L x 930H
Capacity	kg	200	150
Castor wheel	mm	Ø100mm Grey TPR Wheel 2 Swivel & 2 Fixed	
Net weight	kg	10.2	14.2
Measurement	m ³	0.05	0.066

PVC Platform Trolley | 150KG



Product		PVC 2 Shelf 2 Handle Trolley	PVC 3 Shelf 1 Handle Trolley	PVC 3 Shelf 2 Handle Trolley
Product code		KPT 224	KPT 314	KPT 324
Dimension	mm	455W x 710L x 930H	455W x 710L x 950H	455W x 710L x 950H
Capacity	kg	150		
Castor wheel	mm	Ø100mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	14.2	17.7	17.7
Measurement	m³	0.066	0.077	0.077

PVC Platform Trolley | 300KG



Product		PVC 2 Shelf 1 Handle Trolley	PVC 2 Shelf 2 Handle Trolley
Product code		KPT 215	KPT 225
Dimension	mm	609W x 914L x 960H	609W x 914L x 960H
Capacity	kg	300	
Castor wheel	mm	Ø125mm Grey TPR Wheel 2 Swivel & 2 Fixed	
Net weight	kg	20.8	20.8
Measurement	m³	0.12	0.12



Product		PVC 3 Shelf 1 Handle Trolley	PVC 3 Shelf 2 Handle Trolley
Product code		KPT 315	KPT 325
Dimension	mm	609W x 914L x 980H	609W x 914L x 980H
Capacity	kg	300	
Castor wheel	mm	Ø125mm Grey TPR Wheel 2 Swivel & 2 Fixed	
Net weight	kg	26.8	26.8
Measurement	m³	0.146	0.146

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Product		Aluminium Expandable Trolley	2 Wheels Aluminium Hand Truck	
Product code		KAT 414	KAT 316	KAT 326
Dimension	mm	420W x 720L x 830H	415W x 400L x 1100H	415W x 400L x 1100H
Capacity	kg	150	100	120
Castor wheel	mm	Ø100mm Grey TPR Wheel 2 Swivel & 2 Fixed		
Net weight	kg	8.5	7	7.3
Measurement	m³	0.054	0.06	0.06

Tool Cabinet Trolley

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Tool Cabinet Trolley

Product code		TBC 3005
Overall	mm	620W x 330D x 660H
Overall with castor	mm	620W x 330D x 753H
Drawer	mm	510W x 265D x 100H
Castor	mm	3" Rubber Wheel: 2 Fixed, 1 Swivel & 1 Brake
Capacity	kg	100
Colour		Red

Remarks: *Material: 0.6mm Thickness, Ball Bearing Slide, Honeycomb Package
Product colour may vary based on available stock.

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Tool Cabinet Trolley

Product code		TBC 3007
Overall	mm	663W x 463D x 850H
Overall with castor	mm	663W x 463D x 1005H
Drawer Sx3	mm	575W x 397D x 65H
Drawer Lx2	mm	575W x 397D x 145H
Castor wheel	mm	4" PP Wheel, Fixed, 1 Swivel & 1 Brake
Capacity	kg	170
Colour		Red

*Material: 0.8mm Thickness, Ball Bearing Slide, Honeycomb Package
Product colour may vary based on available stock.

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3-tier Tool Cart (Large size)

Product code		SC 1350
Size	mm	410W x 850L x 745H
Castor wheel		PP 3" : 4 Swivel
Capacity	kg	130
Colour		Dark Blue

Product colour may vary based on available stock.

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Electric Stair Climber (Belt Type)

Product code		DH5
Overall size (L x W x H)	mm	900 x 500 (1170 - 1690)
Folded size (L x W x H)	mm	140 x 480 x 1245
Handle size (H x L)	mm	1540 x 400
Load plate size (D x L)	mm	560 x 370
Capacity	kg	150
Motor power	W	500
Maximum floors		60 - 100 floors
Lithium battery	V Ah	48V 18Ah
Charging time		4 hours
Weight	kg	45

Product colour may vary based on available stock.

58



Electric Stair Climber (Belt Type)

Product code		DH10
Unfolded size (L x W x H)	mm	650 x 560 (1110 - 1750)
Folded size (L x W x H)	mm	150 x 550 x 1120
Handle size (H x L)	mm	1630 x 400
Load plate size (D x L)	mm	355 x 480
Net weight	kg	40
Capacity	kg	400
Motor power	W	500
Maximum floors		80 - 120 floors
Lithium battery	V Ah	48V 36Ah
Charging time		4 hours

Product colour may vary based on available stock.

59



Electric Stair Climber (Arm Type)

Product code		DH12
Unfolded size (L x W x H)	mm	650 x 560 x 1600
Folded size (L x W x H)	mm	300 x 560 x 1250
Handle size (H x L)	mm	1400 x 340
Load plate size (D x L)	mm	410 x 300
Net weight	kg	40
Capacity	kg	400
Motor power	W	1200
Maximum floors		150 floors
Lithium battery	V Ah	48V 18Ah~36Ah
Charging time		4 hours
Solid wheel	in.	10

Product colour may vary based on available stock.

60



Electric Stair Climber (Belt Type)

Product code		DH20
Unfolded size (L x W x H)	mm	960 x 500 x 1180
Folded size (Height)	mm	320
Handle size (H x L)	mm	1510 x 380
Load plate size (D x L)	mm	570 x 435
Net weight	kg	60
Capacity	kg	200
Motor power	W	1200
Maximum floors		150 floors
Lithium battery	V Ah	48V 18Ah~36Ah
Charging time		4 hours

Product colour may vary based on available stock.



Lifting Height
800mm - 1200mm



Features a simple, one-click control panel for immediate and effortless operation.

Product code		ELT 80	ELT 100	ELT 120
Loading capacity	kg	300		
Overall size (W x L)	mm	750 x 1150	750 x 1350	750 x 1550
Platform size (W x L)	mm	750 x 1000	750 x 1200	750 x 1400
Ground clearance	mm	660	860	1000
Platform lifting height	mm	800	1000	1200
Battery configuration		48V Lithium Battery		

Product colour may vary based on available stock.

Features:

- Effortlessly lift and transport items weighing up to 300KG in a single operation.
- Equipped with a thickened, anti-leak oil cylinder engineered to deliver superior, long-lasting power and reliability.
- The scissor mechanism is constructed from thick, reinforced steel to ensure maximum stability during lifting and a robust load capacity.
- Utilizes a high-quality slide rail design that guarantees consistently smooth and precise push and pull motions.

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Product	Work Tainer	
Product code	KWM 500TPR	
Dimension	mm	790W x 1100L x 1700H
Capacity	kg	500
Castor wheel	Ø150mm Round Red PU 2 Swivel & 2 Side Brake	
Net weight	kg	49

63



Product	Work Tainer with Swinging Door	
Product code	KTD 500TPR	
Dimension	mm	790W x 1100L x 1700H
Capacity	kg	500
Castor wheel	Ø150mm Round Red PU 2 Swivel & 2 Side Brake	
Net weight	kg	72



64



Plastic Base Panel Platform

Product	Work Tainer with Plastic Shelf	
Product code	KWP 500TPR	
Dimension	mm	790W x 1100L x 1700H
Capacity	kg	500
Castor wheel	Ø150mm Round Red PU 2 Swivel & 2 Side Brake	
Net weight	kg	54

65



Product	Work Tainer Shelf	
Product code	WTS 7201100	
Dimension	mm	720W x 1100L
Capacity	kg	50



66



Nestable



Brake



6 Wheel Nestable Slim Cart with Brake

Product code		NC501-BS
External dimension	mm	430W x 1290L x 1550H
Internal dimension	mm	420W x 1125L x 1300H
Castor wheel	in.	4 x Ø4" Swivel (front & back), 2 x Ø5" Fixed (middle)
Capacity	kg	350

67



Brake

6 Wheel Slim Cart with Brake

Product code		ND503-BS
External dimension	mm	425W x 1300L x 1510H
Internal dimension	mm	420W x 1165L x 1300H
Castor wheel	in.	4 x Ø4" Swivel (front & back), 2 x Ø5" Fixed (middle)
Capacity	kg	350

Platform Order Picker

68



Platform Order Picker

Product code		POP 4M
Dimension	mm	630W x 970L x 985H
Overall height	mm	1485 (include castor wheel)
Ladder step		4
Castor wheel	in.	Ø4" Castor Wheel 2 Swivel 2 Fixed
Capacity	kg	300
Net weight	kg	22
Measurement	m³	0.91

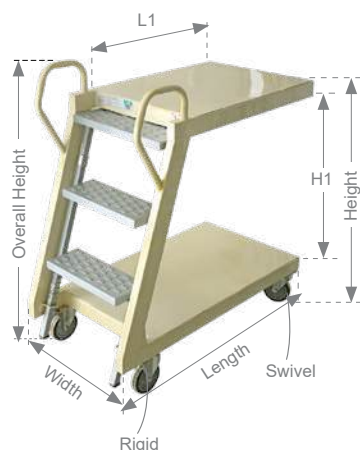
69



Platform Order Picker

Product code		POP 7
Dimension	mm	965W x 1310L x 1605H
Overall height	mm	2400 (include castor wheel)
Ladder step		7
Castor wheel	in.	Ø4" Castor Wheel 2 Swivel 2 Fixed
Capacity	kg	300
Net weight	kg	64
Measurement	m³	0.32

70



Ladder Trolley

Product code		LT 3
Dimension	mm	560W x 1070L x 1025H
Overall height	mm	1150
H1	mm	730
L1	mm	710
Net weight	kg	41
Colour		Beige
Ladder step		3
Finishing		Epoxy powder coating Electronic zinc plating (ladder)
Castor wheel	in.	Ø5" Fixed / Swivel / Swivel Brake
Capacity	kg	80 (Top), 220 (Bottom)

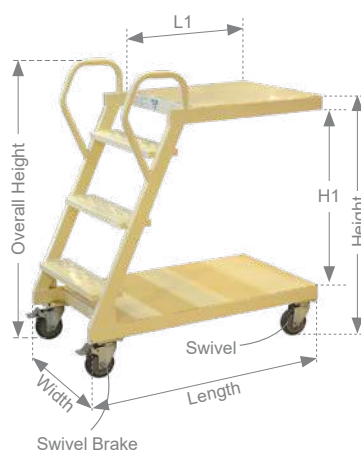
71



Ladder Trolley

Product code		LT 5-A
Dimension	mm	560W x 1070L x 1578H
Overall height	mm	2030
H1	mm	1285
L1	mm	480
Net weight	kg	46
Colour		Blue
Ladder step		5
Finishing		Epoxy powder coating Electronic zinc plating (ladder)
Castor wheel	in.	Ø5" Fixed / Swivel / Swivel Brake
Capacity	kg	60 (Top), 240 (Bottom)

72



Picking Trolley

Product code		SK 3
Dimension	mm	510W x 920L x 890H
Overall height	mm	1020
H1	mm	650
L1	mm	510
Net weight	kg	30
Colour		Beige
Ladder step		3
Finishing		Epoxy powder coating
Castor wheel	in.	Ø4" Swivel / Swivel Brake
Capacity	kg	50 (Top), 200 (Bottom)

73



Picking Trolley

Product code		SK 5
Dimension	mm	510W x 1020L x 1505H
Overall height	mm	1862
H1	mm	1270
L1	mm	320
Net weight	kg	36
Colour		Blue
Ladder step		5
Finishing		Epoxy powder coating
Castor wheel	in.	Ø4" Swivel / Swivel Brake
Capacity	kg	50 (Top), 200 (Bottom)

74



Without extended foot bar



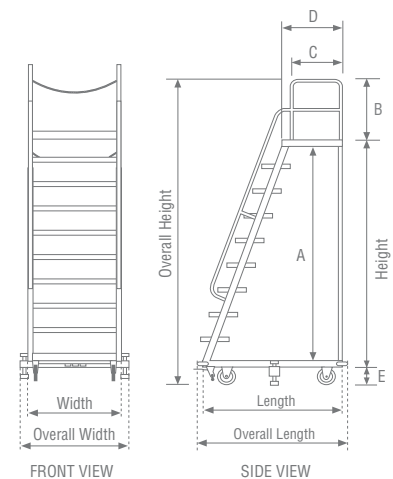
Rigid

Swivel Brake

With extended foot bar



Product code		PC BS 6	PC BS 7	PC BS 8	PC BS 9	PC BS 10	PC BS 11
Ladder step		6	7	8	9	10	11
Width	mm	765					
Overall width	mm	805	805	870	875	880	880
Length	mm	1220	1310	1425	1530	1615	1702
Overall length	mm	1270	1355	1465	1575	1665	1750
Height	mm	1685	1985	2283	2600	2885	3205
Overall height	mm	2750	3050	3350	3660	3940	4260
A	mm	1555	1850	2150	2460	2740	3065
B	mm	895					
C	mm	555					
D	mm	680	660	660	660	660	660
E	mm	160					
Castor wheel	in.	Ø5" Fixed / Swivel brake					
Finishing		Epoxy powder coating					
Colour		Blue					
Capacity	kg	100kg (Top), 200kg (Bottom)					
Remarks		W/O extended foot		C/W extended foot			



Product colour may vary based on available stock.



Extended foot bar enhance stability.



Double brake system functioned by to step on.



PVC bumper helps to prevent damage.



Safety chain.

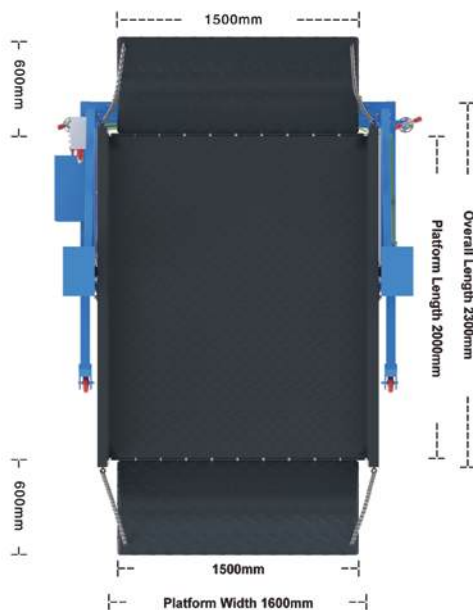
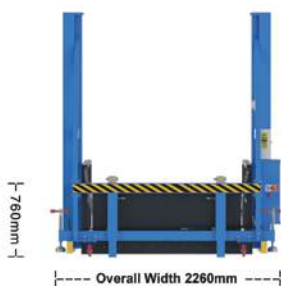
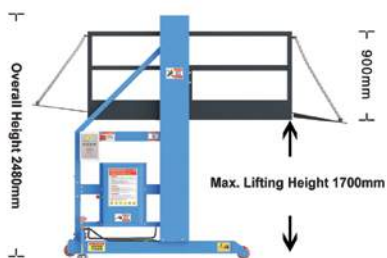
75



Product code		DL-2T	DL-3T
Capacity	kg	2000	3000
Overall dimension	mm	2300W x 2300L x 2450H	2390W x 2280L x 2450H
Platform size	mm	1600W x 2000L	
Max. lifting height	mm	1700	
Power	kW	3	4
Voltage	V	220	420
Colour		Blue	
Overall weight	kg	650	1000

Product colour may vary based on available stock.

Dimension

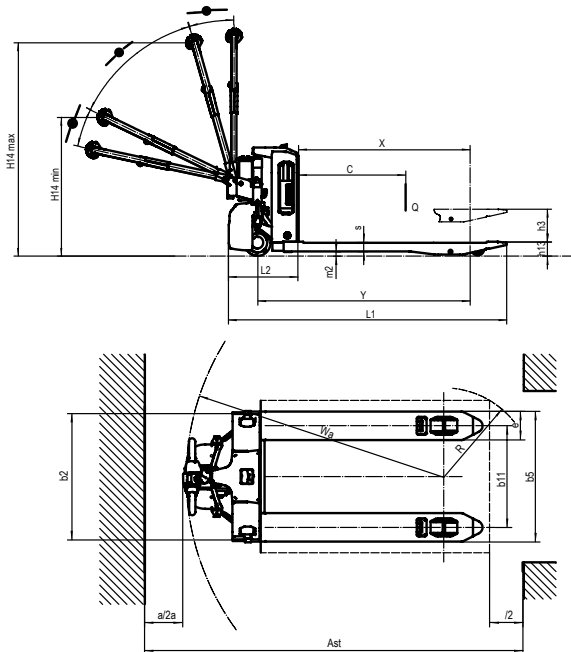


Remote control



76

KOMADA F4 brings maximum flexibility in configurations for every application. The standard single 24V/20Ah battery setting comes with a portable storage container to keep everything easily accessible on the go. Its versatility makes F4 an all rounder, perfect for diverse tasks in the most cost effective way.



Occasional usage

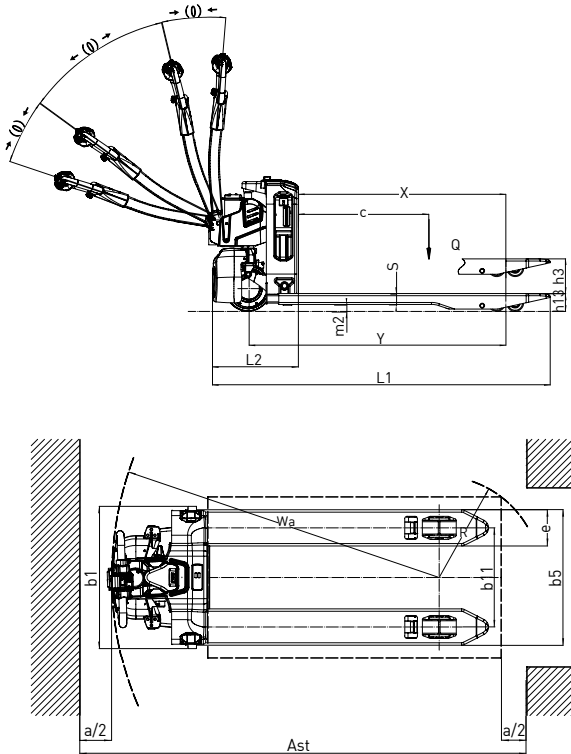


Product code		F4
Drive type		Electric
Operator type		Pedestrian
Load capacity (Q)	kg	1500
Load centre distance (c)	mm	600
Load distance, centre of drive axle to fork (x)	mm	950
Wheel base (y)	mm	1180
Service Weight		
Service weight	kg	120
Axle loading, laden front / rear	kg	480 / 1140
Axle loading, unladen front / rear	kg	90 / 30
Tyres / Chassis		
Tyre type		Polyurethane
Tyre size, front	mm	210 x 70
Tyre size, rear	mm	80 x 60
Additional wheel (castor wheels)	mm	74 x 30
Wheels, number front / rear (x=drive wheels)	mm	1x, -/4
Tread width, front (b10)	mm	-
Tread width, rear (b11)	mm	410 (535)
Dimensions		
Fork dimension	mm	1150 x 685
Fork lowered height	mm	80
Drive cover off the ground	mm	55
Lift height (h3)	mm	105
Height of tiller handle in drive position min. /max. (h14)	mm	750 / 1190
Lowered height (h13)	mm	88
Overall length (l1)	mm	1550
Length to face of forks (l2)	mm	400
Overall width (b1 / b2)	mm	590 (695)
Fork dimensions (s/ e/ l)	mm	55/ 150/ 1150
Distance between fork arms (b5)	mm	560 (685)
Ground clearance, center of wheel base (m2)	mm	25
Aisle width for pallets 1000 x 1200 crossways (Ast)	mm	2160
Aisle width for pallets 800 x 1200 lengthways (Ast)	mm	2025
Turning radius (Wa)	mm	1360
Performance Data		
Travel speed, laden / unladen	km/h	4/4.5
Lifting speed, laden / unladen	m/s	0.017 / 0.020
Lowering speed, laden / unladen	m/s	0.058 / 0.046
Max. gradeability, laden / unladen	%	6/16
Service brake		Electromagnetic
Electric-Engine		
Drive motor rating S2 60 min	kW	0.75
Lift motor rating at S3 15%	kW	0.5
Battery voltage / nominal capacity	V/Ah	24/20
Battery weight	kg	5
Energy consumption according to DIN EN 16796	kWh/h	0.18
Turnover output according to VDI 2198	t/h	60
Turnover efficiency according to VDI 2198	t/kWh	333.33
Additional Data		
Type of drive control		DC
Steering design		Mechanical
Sound pressure level at the driver's ear	dB(A)	74
Load wheel material		PU
Drive wheel material		PU
Battery capacity		20Ah x 1, portable storage box
Battery Indicator		Without time

Product colour may vary based on available stock.

77

KOMADA F4-201 brings maximum flexibility in configurations for every application. The standard single 24V/20Ah battery setting comes with a portable storage container to keep everything easily accessible on the go. Its versatility makes F4-201 an all rounder, perfect for diverse tasks in the most cost effective way.



Plug in & out Li-ion batteries maximize flexibility



Optional:
Pallet Truck Pedal



Power and capacity upgrade for productivity boost

Product code		F4-201
Drive unit		Electric
Operator type		Pedestrian
Load capacity (Q)	kg	2000
Load centre distance (c)	mm	600
Load distance, centre of drive axle to fork (x)	mm	950
Wheel base (y)	mm	1180
Service Weight		
Service weight	kg	140
Axle loading, laden front / rear	kg	620 / 1520
Axle loading, unladen front / rear	kg	100 / 40
Tyres / Chassis		
Tyre type		Polyurethane
Tyre size, front	mm	210 x 70
Tyre size, rear	mm	80 x 60
Additional wheel (castor wheels)	mm	74 x 30
Wheels, number front / rear (x=drive wheels)	mm	1x, -/4
Tread width, front (b10)	mm	-
Tread width, rear (b11)	mm	410 (535)
Dimensions		
Lift height (h3)	mm	105
Height of tiller handle in drive position min. / max. (h14)	mm	750 / 1190
Lowered height (h13)	mm	85
Overall length (l1)	mm	1550
Length to face of forks (l2)	mm	400
Overall width (b1 / b2)	mm	590 (695)
Fork dimensions (s x e x l)	mm	50 x 150 x 1150
Distance between fork arms (b5)	mm	560 (685)
Ground clearance, center of wheel base (m2)	mm	30
Aisle width for pallets 1000 x 1200 crossways (Ast)	mm	2160
Aisle width for pallets 800 x 1200 lengthways (Ast)	mm	2025
Turning radius (Wa)	mm	1360
Performance Data		
Travel speed, laden / unladen	km/h	4.5/5
Lifting speed, laden / unladen	m/s	0.016 / 0.020
Lowering speed, laden / unladen	m/s	0.058 / 0.046
Max. gradeability, laden / unladen	%	8/16
Service brake		Electromagnetic
Electric-Engine		
Drive motor rating S2 60 min	kW	0.9
Lift motor rating at S3 15%	kW	0.7
Battery voltage / nominal capacity	V/Ah	48/20
Battery weight	kg	10
Energy consumption according to DIN EN 16796	kWh/h	0.18
Turnover output according to VDI 2198	t/h	88
Turnover efficiency according to VDI 2198	t/kWh	473.12
Drive / Lift Mechanism		
Type of drive control		BLDC
Steering design		Mechanical
Sound pressure level at the driver's ear	dB(A)	74
Charger output current	A	-

Product colour may vary based on available stock.

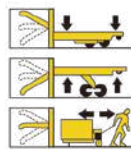
78

Horn
Emergency reverse button
Forward/reverse butterfly switch
Lifting / Lowering

LCD Screen
• Battery indicator with hour meter
• Error code display
• Recharge alert



Multi-function Handle (Full Electric)



Multi-function Ergonomic Handle (Semi-electric)



Tandem/Single PU wheel



EPT15/20-65L



Low profile forks
Lowered fork height: 65mm
Standard model: 82mm

EPT15/20



Lithium Battery



Protection cover
Protect the drive motor,
Anti-foot stamping



Intelligent charger



Electric lifting/lowering



Manual lifting/lowering

Product code		EPT15N	EPT15	EPT20N	EPT20	EPT15-65L		EPT20-65L	
Stock availability		Yes	Yes	Yes	Yes	Pre-Order		Pre-Order	
Characteristics									
Operator type		Pedestrian		Pedestrian		Pedestrian		Pedestrian	
Load capacity (Q)	kg	1500		2000		1500		2000	
Load centre (C)	mm	600		600		600		600	
Height, fork lowered (h13)	mm	82±2		82±2		82±2		82±2	
Wheelbase (y)	mm	1197/1267		1197/1267		1197/1267		1197/1267	
Wheel		PU		PU		PU		PU	
Wheel size, front	mm	140 x 55		140 x 55		140 x 55		140 x 55	
Wheel size, rear	mm	80 x 70 (Tandem)		80 x 70 (Tandem)		60 x 70 (Tandem)		60 x 70 (Tandem)	
Wheels number front/rear (x=drive wheels)		1x+2/4		1x+2/4		1x+2/4		1x+2/4	
Lift (h3)		115		115		115		115	
Height of tiller in drive position, min. / max. (h14)	mm	735 / 1170		735 / 1170		735 / 1170		735 / 1170	
Overall length (L1)	mm	1552	1622	1552	1622	1552	1622	1552	1622
Fork length (L)	mm	1150	1220	1150	1220	1150	1220	1150	1220
Overall width (b1)	mm	550	685	550	685	550	685	550	685
Fork dimensions	mm	58/160/1150(1220)		58/160/1150(1220)		45/160/1150(1220)		45/160/1150(1220)	
Distance between fork-arms (b5)	mm	550	685	550	685	550	685	550	685
Ground clearance, centre of wheelbase (m2)	mm	22/137(24/139)		22/137(24/139)		16.5/116.5(17.2/117.2)		16.5/116.5(17.2/117.2)	
Aisle width for pallets 1000 x 1200 crossways (Ast)	mm	2376		2376		2376		2376	
Aisle width for pallets 800 x 1200 lengthways (Ast)	mm	2257		2257		2257		2257	
Turning radius (Wa)	mm	1353 / 1426		1353 / 1426		1353 / 1426		1353 / 1426	
Performance									
Travel speed, laden/unladen	mm	4 / 4.5		4 / 4.5		4 / 4.5		4 / 4.5	
Lifting speed, laden/unladen	mm	1823		1823		1823		1823	
Lowering speed, laden/unladen	mm	56 / 46		56 / 46		56 / 46		56 / 46	
Max. gradeability, laden/unladen	mm	6% / 20%		6% / 20%		6% / 20%		6% / 20%	
Drive motor		DC 0.75 Brushless		DC 1.0 Brushless		DC 0.75 Brushless		DC 1.0 Brushless	
Lift motor		DC 0.8		DC 0.8		DC 0.8		DC 0.8	
Battery									
Battery voltage/nominal capacity	km/h	48V/10Ah(48V/15Ah)		48V/10Ah(48V/15Ah)		48V/10Ah(48V/15Ah)		48V/10Ah(48V/15Ah)	
Travelling brake	mm/s	Regenerate		Regenerate		Regenerate		Regenerate	
Brake	mm/s	Electromagnetic		Electromagnetic		Electromagnetic		Electromagnetic	
Sound level at the drive's ear according to EN 12053	%	<70dB		<70dB		<70dB		<70dB	
Service weight including battery	kW	116.5 / 123		119 / 125.5		116.5 / 123		119 / 125.5	

*Remarks / Ordering Information:

Ready Stock: Model EPT20, EPT20N, EPT15 and EPT15N are ready stock items and available for immediate delivery.

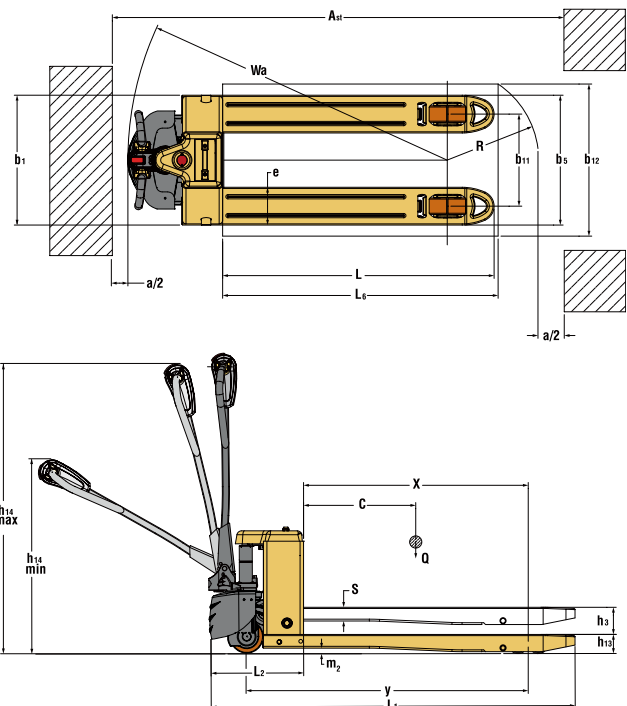
Pre-Order: Model EPT20-65L and EPT15-65L are available on a PRE-ORDER basis only (Lead time 90 days).

Product colour may vary based on available stock.

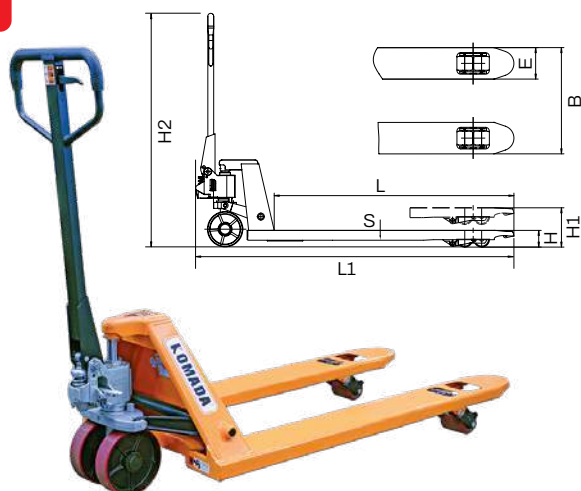


Fast charging time Charge and use freely

Quick charging: 2 hours to fully charge the battery.



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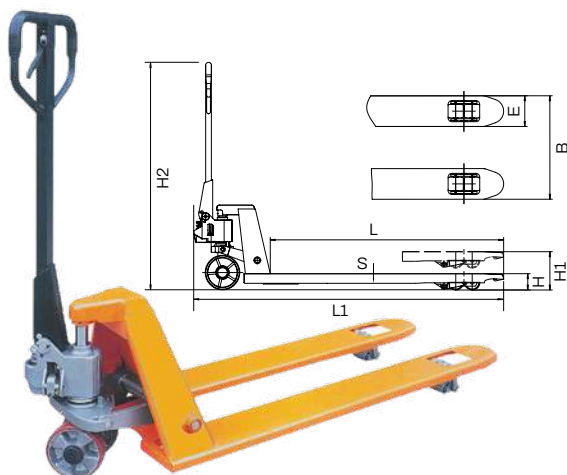


RZ Series Hand Pallet Truck

Product code		RZ25N	RZ25	RZ30N	RZ30
Capacity	kg	2500		3000	
Min. fork height (H)	mm	85			
Max. fork height (H1)	mm	190 / 200			
Max. lifting height	mm	≥110			
Fork outside width (B)	mm	540	685	540	685
Fork inside width	mm	220	365	220	365
Fork length (L)	mm	1150	1220	1150	1220
Single fork size (E) x (S)	mm	160 x 50			
Overall length (L1)	mm	1315-1620			
Overall height (H2)	mm	1245			
Single load wheel	mm	Ø80 x 93			
Steering wheel	mm	Ø180 x 50			
Material of wheel		PU / Nylon			

Product colour may vary based on available stock.

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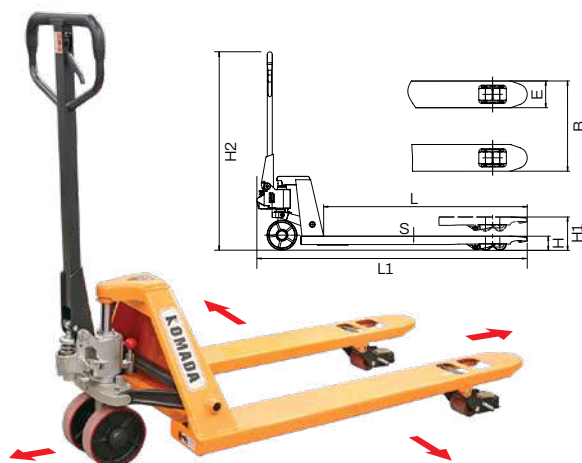


RZ Series Low Profile Hand Pallet Truck

Product code		RZ20LPN	RZ20LP
Capacity	kg	2000	
Min. fork height (H)	mm	52	
Max. fork height (H1)	mm	140 / 160	
Max. lifting height	mm	88 / 95	≥110
Fork outside width (B)	mm	540	685
Fork inside width	mm	200	220
Fork length (L)	mm	1150	1220
Single fork size (E) x (S)	mm	160 x 37	160 x 50
Overall length (L1)	mm	1315-1620	
Overall height (H2)	mm	1225	1245
Single loading wheel	mm	Ø50 x 93	
Steering wheel	mm	Ø160 x 50	Ø180 x 50
Material of wheel		PU / Nylon	

Product colour may vary based on available stock.

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RZ Series Four Way Hand Pallet Truck

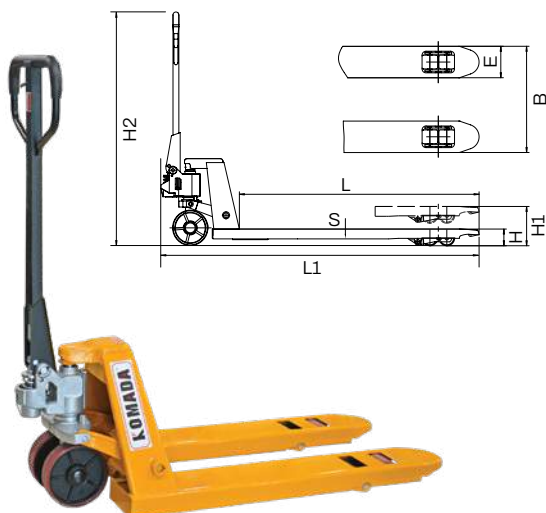
Product code		RZ20FW
Capacity	kg	2000
Min. fork height (H)	mm	85
Max. fork height (H1)	mm	200
Fork outside width (B)	mm	685
Fork inside width	mm	375
Fork length (L)	mm	1220
Single fork size (E) x (S)	mm	160 x 50
Overall length (L1)	mm	1315-1620
Overall width x height (B) x (H2)	mm	685 x 1245
Tandem loading wheel	mm	Ø74 x 70
Steering wheel	mm	Ø180 x 50
Material of wheel		PU / Nylon

Product colour may vary based on available stock.

- › Allows operator to handle pallets easily in all four directions.
- › Fork height less than 160mm straight line movement mode.
- › Fork height more than 185mm lateral movement mode.



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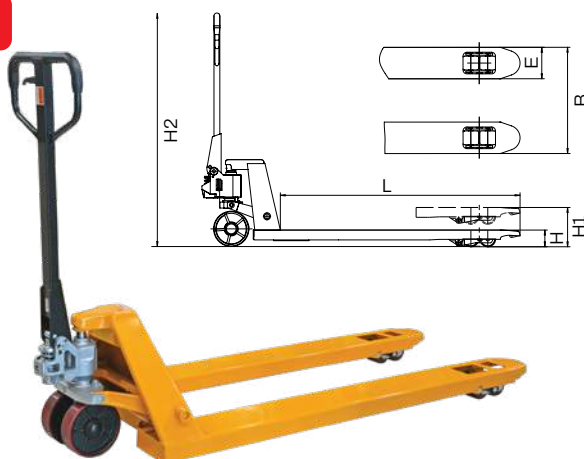


RZ Series Short Fork Hand Pallet Truck

Product code		RZ25SF
Capacity	kg	2500
Min. fork height (H)	mm	85
Max. fork height (H1)	mm	200
Max. lifting height	mm	≥110
Fork outside width (B)	mm	540
Fork inside width	mm	220
Fork length (L)	mm	915
Single fork size (E) x (S)	mm	160 x 50
Overall length (L1)	mm	1315-1620
Overall height (H2)	mm	1245
Single loading wheel	mm	Ø80 x 93
Steering wheel	mm	Ø180 x 50
Material of wheel		PU / Nylon

Product colour may vary based on available stock.

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RZ Series Long Fork Hand Pallet Truck

Product code		RZ30XL	RZ30XXL
Capacity	kg	3000	
Fork outside width (B)	mm	685	
Fork length (L)	mm	1500	1800
Fork width (E)	mm	160	
Overall height (H2)	mm	1245	
Min. fork height (H)	mm	85	
Max. fork height (H1)	mm	200	
Steering wheel	mm	Ø180 x 50	
Loading wheel	mm	Ø74 x 70	
Material of wheel		PU	

Product colour may vary based on available stock.

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- Features weighing accuracy ±1kg for load 2500kg.
- Printer available.
- Kilogram or pounds available.

RZ Series Weight Scale Hand Pallet Truck

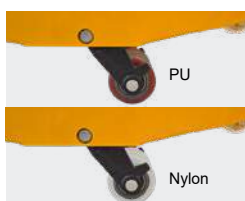
Product code		RZES25	RZES25N
Capacity	kg	2500	
Min. fork height	mm	85	
Max. fork height	mm	200	
Fork outside width	mm	685	540
Fork inside width	mm	365	220
Fork length	mm	1220	1150
Single fork size	mm	160 x 50	
Overall size (L x W x H)	mm	1570-1640 x 685 x 1245	
Loading wheel	mm	Ø80x70	
Steering wheel	mm	Ø180x50	
Min. turning radius	mm	1450	
Material of wheel		PU / Nylon	

Product colour may vary based on available stock.

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Ergonomic Handle



Load Wheel



Hydraulic Pump



Steering Wheel

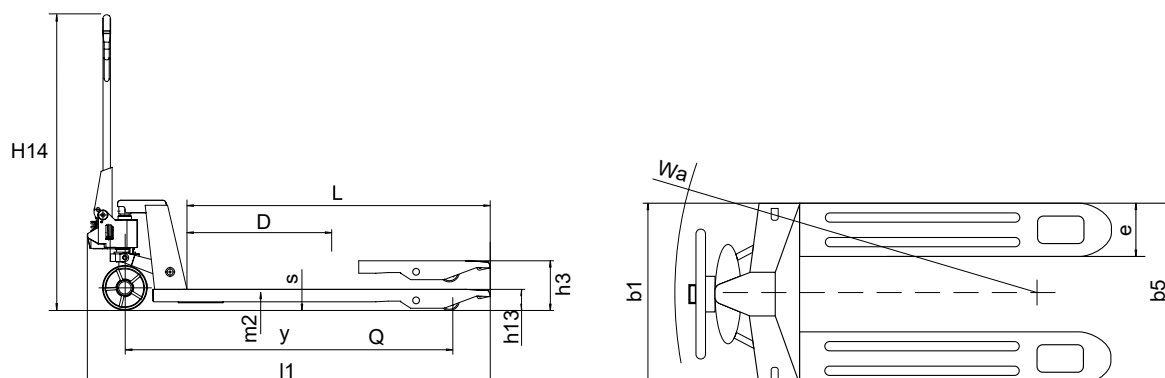


Mark of Genuine

NZ Series Hand Pallet Truck

Product code		NZ25	NZ25N	NZ30	NZ30N	NZNY20	NZNY20N	NZNY25	NZNY25N	NZNY30	NZNY30N
Rated load capacity (Q)	kg	2500		3000		2000		2500		3000	
Load center distance (D)	mm	610	575	610	575	610	575	610	575	610	575
Min. fork height (h13)	mm	80									
Max. fork height (h3)	mm	195									
Max. fork outer distance (b5)	mm	685	550	685	550	685	550	685	550	685	550
Fork length (t)	mm	1220	1150	1220	1150	1220	1150	1220	1150	1220	1150
Min. outside turning radius (Wa)	mm	1410	1340	1410	1340	1410	1340	1410	1340	1410	1340
Weight	kg	63-69		63-69		63-69		63-69		65-71	
Steering wheel	mm	Ø180 x 50									
Bearing wheel	mm	Ø80 x 70									
Tiller height (h14)	mm	1230									
Overall length (l1)	mm	1610	1540	1610	1540	1610	1540	1610	1540	1620	1550
Overall width (b1)	mm	685	550	685	550	685	550	685	550	685	550
Wheelbase center ground clearance (m2)	mm	24									
Wheel base (y)	mm	1265	1195	1265	1195	1265	1195	1265	1195	1265	1195
Wheel material		PU					Nylon				
Fork size (e*s)	mm	152 x 59									

Product colour may vary based on available stock.



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NZ Series Short Fork Hand Pallet Truck

Product code		NZ25SF
Capacity	kg	2500
Single fork size	mm	540 x 900
Wheel type	mm	Single PU Wheel
Loading wheel	mm	Ø80 x 93
Steering wheel	mm	Ø180 x 50
Min. fork height	mm	85
Max. fork height	mm	200

Product colour may vary based on available stock.

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RZ Series Hot Dipped Galvanized Hand Pallet Truck

Product code		RZHG25	RZHG30
Capacity	kg	2500	3000
Overall width	mm	685	685
Fork length	mm	1220	1220
Min. fork height	mm	85	
Max. fork height	mm	200	
Steering wheel	mm	Ø180x50	
Loading wheel	mm	Ø80x70	
Material of wheel		PU	

Product colour may vary based on available stock.

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Scissor Lift Pallet Truck

Product code		MHL15N	MHL15
Capacity	kg	1500	
Min. height of fork	mm	85	
Max. height of fork after lifting	mm	800	
Max. lifting stroke	mm	710	
Fork outer width	mm	540	685
Inside width of fork	mm	220	365
Working length of fork	mm	1150	
Single fork width	mm	160	
Fork thickness	mm	50	
Vehicle length	mm	1540	
Vehicle width	mm	540	685
Vehicle height	mm	1235	
Bearing wheel size	mm	740 x 50	
Steering wheel size	mm	180 x 50	
Min. turning radius	mm	1260	
Wheel material	mm	PU / Nylon	
Net weight	kg	133	143

Product colour may vary based on available stock.

- Hard chrome plated ram and piston.
- 3-position control, FAST-WORK-DOWN.
- Equipped with overload valve.
- One piece of formed steel "C" channel tapered, reinforced forks.
- Tapered fork ends and nylon rollers permit easy entry and exit of pallets.

89

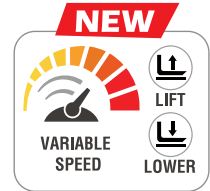


Variable Speed Control on Lifting & Lowering

Comfortable and efficient thanks to an intelligent handle and control system, ideal for replacing manual & semi-electric stackers, for light use in narrow warehouse environments with efficient and easy pallet stacking.

The proportional lowering brings high efficiency for exact pallet placement and more precise control when compared to the normal fixed speed of lifting & lowering.

Variable speed control by proportional control knob, keeps lifting and lowering smooth, stable, safe and energy saving.



Multi functional intelligent tiller handle

- | | | |
|----------------------|--|-------------------------------------|
| 1 Recharging Alert | | 4 Emergency reverse switch |
| 2 Fault code display | | 5 Forward and backward control knob |
| 3 Lifting & Lowering | | 6 Horn |
| | | 7 Battery Power |



Operator Preferred



Turtle Speed

Enable operator to choose different speed modes based on their experience and the specific work environment.



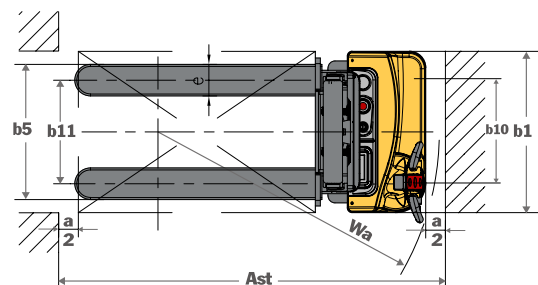
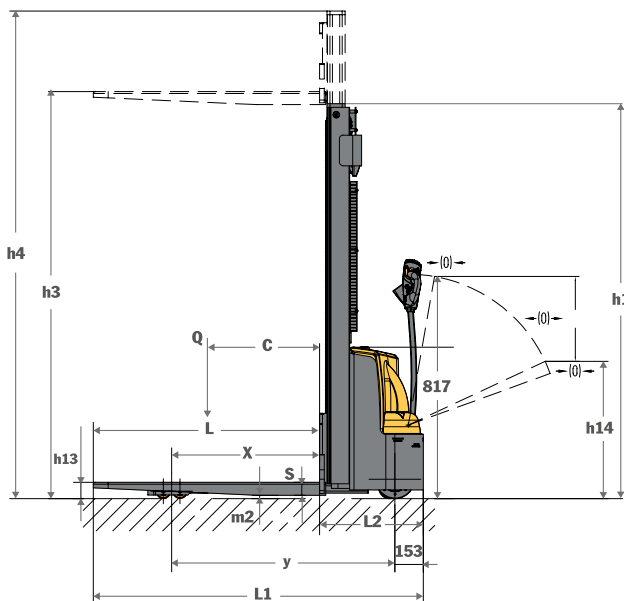
Up-Right Drive

Easily maneuvered with the handle in the vertical position by pressing the turtle-speed button.



Engineering Mode (Brake Release)

When truck is down, release the brake to move the unit manually.



Product code			WS1520-A	WS1525-A	WS1530-A	WS1533-A	WS1535-A	WS1540-A
Stock availability			Pre-Order	Pre-Order	Yes	Yes	Pre-Order	Yes
Drive			Battery					
Operator type			Pedestrian					
Load capacity	Q	kg	1500					
Load centre distance	c	mm	500					
Load distance, centre of drive axle to fork	x	mm	796					
Wheelbase	y	mm	1210					
Weight								
Service weight (without battery)	kg		509	529	556	565	575	612
Service weight (with 71Ah battery)	kg		557	557	604	613	623	660
Service weight (with 89Ah battery)	kg		562	682	609	618	628	665
Axle loading, laden front / rear	kg		618/1441					
Axle loading, unladen front / rear	kg		419/140					
Tyres / Chassis								
Wheels			Polyurethane					
Wheel size, front	mm		Ø210 x 70					
Wheel size, rear	mm		Ø80 x 70					
Additional wheels (dimensions)	mm		Ø115 x 55					
Wheels, number front / rear (x = driven wheels)			1x + 1 / 4					
Tread front	b10	mm	550					
Tread rear	b11	mm	390/525					
Dimensions								
Lowered mast height	h1	mm	1480	1730	1980	2130	2230	2550
Lift height	h3	mm	2000	2500	3000	3300	3500	4000
Extended mast height	h4	mm	2435	2935	3435	3735	3935	4370
Height of tiller in driving position, min. / max.	h14	mm	910/1270					
Height, lowered	h13	mm	85±2					
Overall length	l1	mm	1730					
Length to face of forks	l2	mm	580					
Overall width	b1	mm	820					
Fork dimensions	s/e/l	mm	70 x 160 x 1150					
Width over forks	b5	mm	560					
Ground clearance, centre of wheelbase	m2	mm	30					
Aisle width for pallets 1000 x 1200 crossways	Ast	mm	2268					
Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2194					
Turning radius	Wa	mm	1425					
Performance Data								
Travel speed, with / without load	km/h		4/4.5					
Lift speed, without load	mm/s		0-190					
Lift speed, with load	mm/s		0-102					
Lowering speed, without load	mm/s		20-200					
Lowering speed, with load	mm/s		30-135					
Max. gradeability, with / without load	%		5 / 10					
Service brake			Electromagnetic					
Electric-Engine								
Drive motor rating S2 60 min	kW		0.75					
Lift motor rating at S3 15%	kW		2.5					
Battery voltage/nominal capacity (K5)	V/Ah		12/71 x 2					
Battery weight +/- 5%	kg		23.2 x 2(71Ah)					
Energy consumption according to EN 16796	kWh/h		0.42					
Addition Data								
Type of drive control			DC speed control					
Sound level at the driver's ear according to EN 12053	dB(A)		< 75					
Controller			KOMADA A6101					

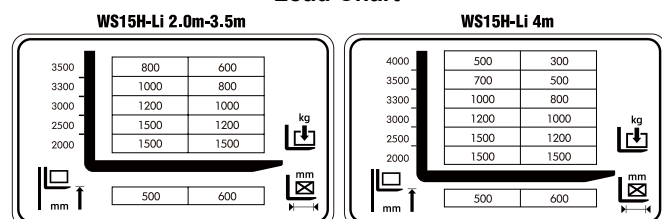
*Remarks / Ordering Information:

Ready Stock: Model WS1530-A, WS1535-A and WS1540-A are ready stock items and available for immediate delivery.

Pre-Order: Model WS1520-A, WS1525-A and WS1533-A are available on a PRE-ORDER basis only (Lead time 90 days).

Product colour may vary based on available stock.

Load Chart



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Multi functional intelligent tiller handle



- | | |
|-------------------------------------|----------------------------------|
| 1 Forward and backward control knob | 4 Horn |
| 2 Lifting & lowering | 5 Emergency reverse switch |
| 3 Fault code display | 6 Up-Right drive and total speed |

Easy & Comfortable



Effortless, easy to operate
Low-mounted longer tiller reduces steering force required.

Low mast static height
Easy to operate in containers and elevators with less than 3.3m lifting height



The steering angle is designed to be above 180 degrees
Small turning radius

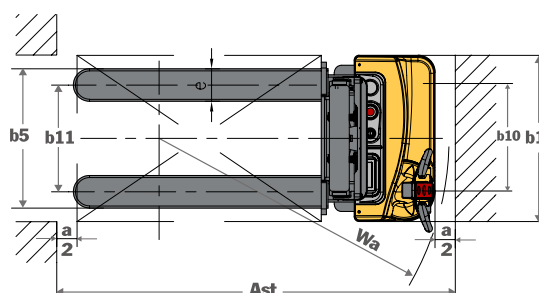
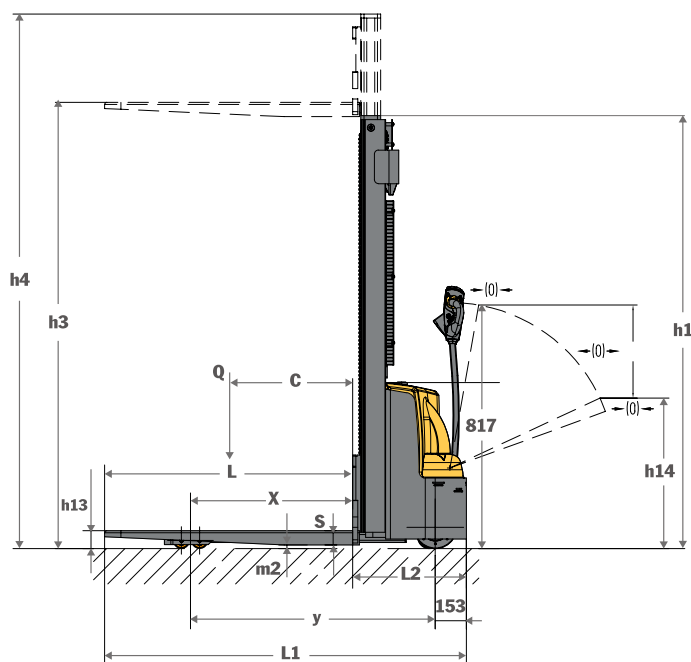
Excellent maneuverability
Precise and maneuverable operating, high safety and efficiency.

Reasonable design of the balancing wheel eccentric distance
Flexible direction commutation.



Easy to recharge
Built-in charger and an external charging cable storage box for convenient charging.

Longer operating time
Standard 24V/71Ah maintenance-free lead-acid battery, with the option of a larger capacity maintenance-free battery or a lithium battery.



Product code			WS1520-B	WS1525-B	WS1530-B	WS1533-B	WS1535-B	WS1540-B
Stock availability			Pre-Order	Pre-Order	Yes	Yes	Pre-Order	Yes
Drive			Battery					
Operator type			Pedestrian					
Load capacity	Q	kg	1500					
Load centre distance	c	mm	500					
Load distance, centre of drive axle to fork	x	mm	796					
Wheelbase	y	mm	1210					
Weight								
Service weight (without battery)	kg		509	529	556	565	575	612
Service weight (with 71Ah battery)	kg		557	557	604	613	623	660
Service weight (with 89Ah battery)	kg		562	682	609	618	628	665
Axle loading, laden front / rear	kg		618/1441					
Axle loading, unladen front / rear	kg		419/140					
Tyres / Chassis								
Wheels			Polyurethane					
Wheel size, front	mm		Ø210 x 70					
Wheel size, rear	mm		Ø80 x 70					
Additional wheels (dimensions)	mm		Ø115 x 55					
Wheels, number front / rear (x = driven wheels)			1x + 1 / 4					
Tread front	b10	mm	550					
Tread rear	b11	mm	390(560 fork width)					
Dimensions								
Lowered mast height	h1	mm	1480	1730	1980	2130	2230	2550
Lift height	h3	mm	2000	2500	3000	3300	3500	4000
Extended mast height	h4	mm	2435	2935	3435	3735	3935	4370
Height of tiller in driving position, min. / max.	h14	mm	910/1270					
Height, lowered	h13	mm	85±2					
Overall length	l1	mm	1730					
Length to face of forks	l2	mm	580					
Overall width	b1	mm	820					
Fork dimensions	s/e/l	mm	70 x 160 x 1150					
Width over forks	b5	mm	560					
Ground clearance, centre of wheelbase	m2	mm	30					
Aisle width for pallets 1000 x 1200 crossways	Ast	mm	2268					
Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2194					
Turning radius	Wa	mm	1425					
Performance Data								
Travel speed, with / without load	km/h		4/4.5					
Lift speed, with / without load	mm/s		72 / 115					
Lowering speed, with / without load	mm/s		133 / 116					
Max. gradeability, with / without load	%		5 / 10					
Service brake			Electromagnetic					
Electric-Engine								
Drive motor rating S2 60 min	kW		0.75					
Lift motor rating at S3 15%	kW		2.2					
Battery voltage/nominal capacity (C5)	V/Ah		12/71 x 2					
Battery weight +/- 5%	kg		23.2 x 2(71Ah)					
Energy consumption according to EN 16796	kW/h		0.42					
Addition Data								
Type of drive control			DC speed control					
Sound level at the driver's ear according to EN 12053	dB(A)		< 75					
Controller			KOMADA A6101					

***Remarks / Ordering Information:**

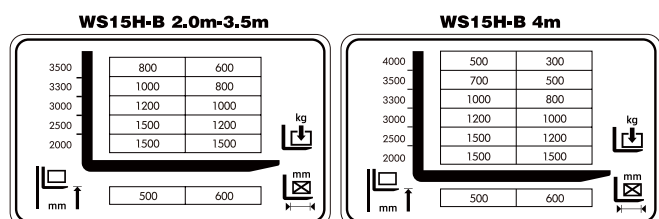
Ready Stock: Model WS1530-B, WS1535-B and WS1540-B are ready stock items and available for immediate delivery.

Pre-Order: Model WS1520-B, WS1525-B and WS1533-B are available on a PRE-ORDER basis only (Lead time 90 days).

Product colour may vary based on available stock.

Load Chart

MAST DIMENSIONS				
WS15-B	Duplex Mast			
Lowered mast height	mm	1980	2230	2550
Lift height	mm	3000	3500	4000
Extended mast height	mm	3435	3935	4370



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Multi functional intelligent tiller handle



- 1 Forward and backward control knob
- 2 Lifting & lowering
- 3 Fault code display
- 4 Horn
- 5 Emergency reverse switch
- 6 Up-Right drive and total speed

Operator Preferred



Turtle Speed

Enable operator to choose different speed modes based on their experience and the specific work environment.



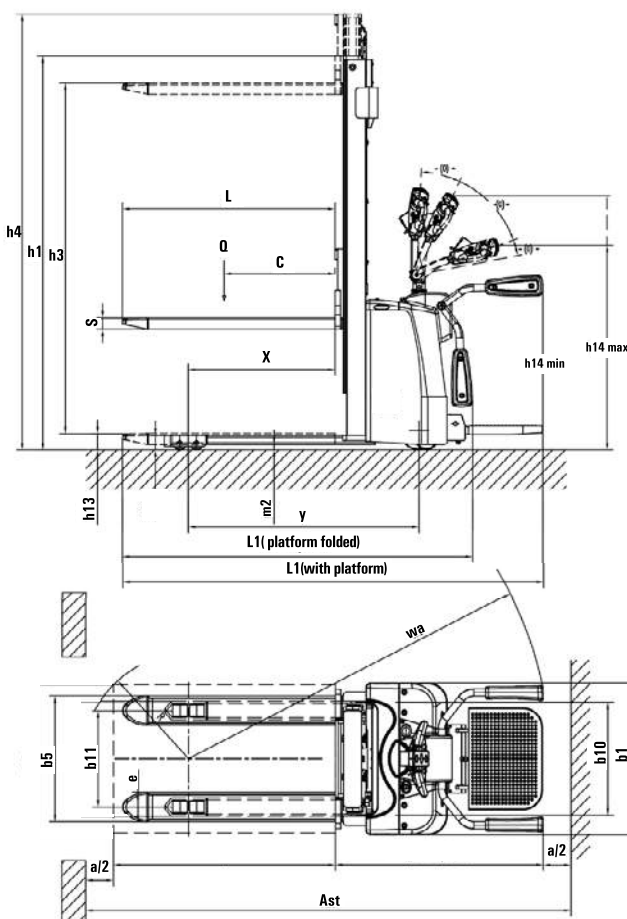
Up-Right Drive

Easily maneuvered with the handle in the vertical position by pressing the turtle-speed button.



Engineering Mode (Brake Release)

When truck is down, release the brake to move the unit manually.

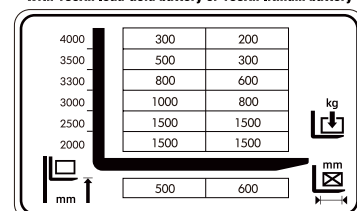


Product code			RS1520	RS1525	RS1530	RS1533	RS1535	RS1540
Stock availability			Pre-Order	Pre-Order	Yes	Pre-Order	Yes	Yes
Drive			Battery					
Operator type			Rider					
Load capacity	Q	kg	1500					
Load centre distance	c	mm	600					
Load distance, centre of drive axle to fork	x	mm	796					
Wheelbase	y	mm	1250					
Weight								
Service weight (without battery)	kg		634	651	668	678	685	713
Service weight (with Lead-acid battery 106Ah)	kg		699.6	716.6	733.6	743.6	750.6	778.6
Service weight (with Lead-acid battery 210Ah)	kg		809	826	843	853	860	888
Axle loading, laden front/rear (2.5m lifting height)	kg		656.6/1529	661.6/1541	666.6/1553	669.6/1560	671.6/1565	679.6/1585
Axle loading, unladen front/rear (2.5m lifting height)	kg		512/173.6	525/177.6	538/181.6	546/183.6	550/186.6	571/193.6
Tyres / Chassis								
Wheels			Polyurethane					
Wheel size, front		mm	Ø210 x 70					
Wheel size, rear		mm	Ø80 x 70					
Additional wheels (dimensions)		mm	Ø115 x 55					
Wheels, number front / rear (x = driven wheels)			1x + 2 / 4					
Tread front	b10	mm	610					
Tread rear	b11	mm	400(560 fork width)					
Dimensions								
Lowered mast height	h1	mm	1480	1730	1980	2130	2230	2480
Free lift height	h2	mm	—	—	—	—	—	—
Lift height	h3	mm	2000	2500	3000	3300	3500	4000
Extended mast height	h4	mm	2435	2935	3435	3735	3935	4435
Height of tiller in driving position, min. /max.	h14	mm	990/1225					
Height lowered	h13	mm	85					
Overall length (1150 fork length)	l1	mm	1903 (platform folded) / 2275 (with platform)					
Length to face of forks		mm	753 (platform folded) / 1125 (with platform)					
Overall width across chassis	b1	mm	820					
Fork dimensions	s/e/l	mm	70 x 160 x 1150					
Width over forks	b5	mm	560					
Ground clearance, centre of wheelbase	m2	mm	20 / 16					
Aisle width for pallets 1000 x 1200 crossways	Ast	mm	2320 (platform folded) / 2643 (with platform)					
Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2246 (platform folded) / 2569 (with platform)					
Turning radius	Wa	mm	1575 (platform folded) / 1955 (with platform)					
Performance Data								
Travel speed, with / without load	km/h		4/4.5					
Lift speed, without load	mm/s		0-185					
Lift speed, with load	mm/s		0-101					
Lowering speed, without load	mm/s		21.7-220					
Lowering speed, with load	mm/s		25.6-137					
Max. gradeability, with / without load	%		5 / 10					
Service brake			Electromagnetic					
Electric-Engine								
Drive motor rating S2 60 min	kW		0.75					
Lift motor rating at S3 15%	kW		2.2					
Battery voltage/nominal capacity (C5)	V/Ah		12/106 x 2					
Battery weight	kg		32.8x2 (106Ah)					
Energy consumption according to EN 16796	kW/h		0.45					
Addition Data								
Type of drive control			DC speed control					
Sound level at the driver's ear according to EN 12053	dB(A)		< 75					

***Remarks / Ordering Information:**

Ready Stock: Model RS1530, RS1535 and RS1540 are ready stock items and available for immediate delivery.
Pre-Order: Model RS1520, RS1525 and RS1533 are available on a PRE-ORDER basis only (Lead time 90 days).
Product colour may vary based on available stock.

With 106Ah lead-acid battery or 100Ah lithium battery



92

WS12-FL Free Lift

Capacity:
1200kg

Lifting height:
2500~3500mm

Fork size:
560/680 x 1150

 [Product Details Click Here](#)



Lifting Height (mm)	2500	3000	2300	3500
Free Lift (mm)	1300	1580	1700	1800

93

RPT20/25/30 Rider Pallet Truck

Capacity:
2000 / 2500 / 3000kg

Fork Size:
540/685 x 1150/1220mm

Battery:
24V 210/270Ah

Option:
• Protection Arms

 [Product Details Click Here](#)



94

ES15/20 Fork Over Stacker

Capacity:
1500 / 2000kg

Lifting Height:
1600~6200mm

Fork Size:
540/680 x 1150/1220mm

EPS:
STD

Battery:
24V 210/270/340Ah

Option:
• Platform
• Protection Arms

 [Product Details Click Here](#)



95

CBES12/15/20 Counter Balances Stacker

Capacity:
1200 / 1500 / 2000kg

Lifting Height:
1600~5000mm

Fork Size:
200~680 x 1070mm

EPS:
STD

Battery:
24V 210 / 270 / 340Ah

Option:
• Platform
• Protection Arms

 [Product Details Click Here](#)



96

MRS12/15/20 Mast Reach Stacker

Capacity:
1200 / 1500 / 2000kg

Lifting Height:
1600~5000mm

Fork Size:
200~680 x 1070mm

Reach Distance:
500mm

EPS:
STD

Fork Tilting / Side Shift:
STD / Option

Battery:
24V 210 / 270 / 340Ah

Option:
• Platform
• Protection Arms

 [Product Details Click Here](#)



97

WRS15T Pantograph Reach Stacker

Capacity:
1500kg

Lifting Height:
3700~6200mm

Fork Size:
200~800 x 1070mm

Straddle ID:
990 / 1220mm

Reach Distance:
585mm

EPS/Fork Tilting / Side Shift:
STD

Battery:
24V 270/340Ah

 [Product Details Click Here](#)





98



Strong chassis

The side impact beam, plates, and boxes make the chassis stronger and can greatly reduce stress and deformation caused by heavy load.

Rigid mast

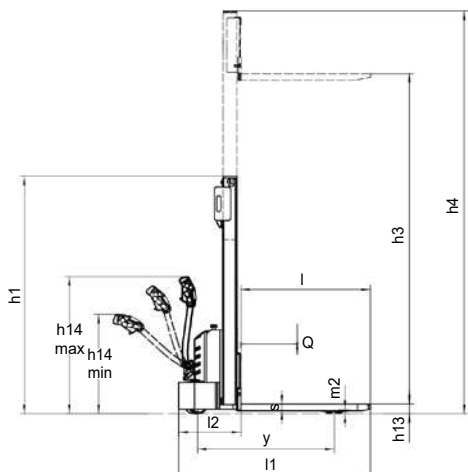
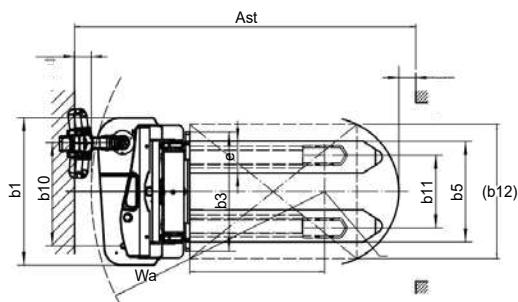
The rigidity of the mast is greatly improved by its beam structure to provide smooth lifting and stacking for daily operation.

Easy operation

The extra-long and offset tiller with the crawl speed button provides EST152 a better visibility and nimble maneuverability when operating in tight space.

Efficient hydraulic system

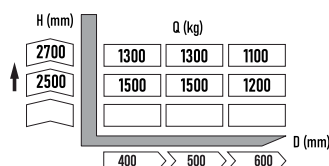
High quality hydraulic pump ensures very little noise, maximum efficiency, durability and shortens lifting time.



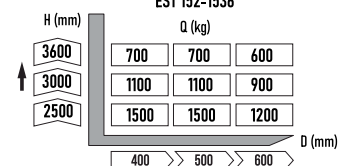
Product code			EST152-1527	EST152-1530	EST152-1536
Drive unit			Electrics		
Operator type			Pedestrian		
Rated capacity (Q)	Q	kg	1500		
Load centre distance (c)	c	mm	500		
Load distance (x)	x	mm	798		
Wheel base (y)	y	mm	1212		
Weight					
Service weight (include battery)		kg	595		
Axle loading, laden driving side/loading side		kg	825/1270		
Axle loading, unladen driving side/loading side		kg	450/145		
Types, Chassis					
Tyre type driving wheels/loading wheels		PU/PU			
Tyre size, driving wheels (diameter x width)		mm	Ø210x70		
Tyre size, loading wheels (diameter x width)		mm	Ø74x72		
Tyre size, caster wheels (diameter x width)		mm	Ø130x55		
Wheels, number driving, caster/loading (x=drive wheels)		mm	1x + 1/4		
Track width, front, driving side		b10	mm	531	
Track width, rear, loading side		b11	mm	405	
Dimensions					
Height, mast lowered		h1	mm	1956	2106 2406
Lift height		h3	mm	2720	3020 3620
Height, mast extended		h4	mm	3271	3571 4171
Height drawer in driving position min. / max.		h14	mm	750/1340	
Lowered height		h13	mm	85	
Overall length		l1	mm	1713	
Length to face of fork		l2	mm	563	
Overall width		b1	mm	792	
Fork dimensions		s/ e/ l	mm	60/ 170/ 1150	
Fork carriage width		b3	mm	680/770	
Distance between fork-arms		b5	mm	570/685	
Ground clearance, carrier of wheelbase		m2	mm	25	
Aisle width for pallets 1000 x 1200 crossways		Ast	mm	2224	
Aisle width for pallets 800 x 1200 lengthways		Ast	mm	2158	
Turning radius		Wa	mm	1390	
Performance Data					
Travel speed, laden/ unladen		km/h	4.2/4.5		
Lifting speed, laden/ unladen		m/ s	0.08/0.14		
Lowering speed, laden/ unladen		m/ s	0.11/0.10		
Max. gradeability, laden/ unladen		%	3/10		
Service brake type			electromagnetic		
Electric Engine					
Drive motor rating S2 60 min		kW	0.75		
Lift motor rating at S3 15%		kW	2.2		
The maximum allowed size battery		mm	260x165x210		
Battery voltage/ nominal capacity K20		V/Ah	2x 12/85		
Battery weight		kg	2x24		
Addition Data					
Type of drive unit			DC		
Steering type			mechanical		
Sound pressure level at the driver's ear		dB (A)	74		

Product colour may vary based on available stock.

LOAD CENTER CHART
EST 152-1527



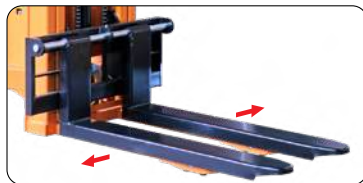
LOAD CENTER CHART
EST 152-1530
EST 152-1536



99

Non-vibration enhanced standard gantry electric stacker

- › Reinforced standard gantry stacker with uniform displacement and no vibration;
- › When the handle is in the vertical state, it can also easily control the vehicle to walk, effectively ensuring that the turning can be realized in the narrow channel and the stacking operation can be carried out;
- › American CURTIS drive controller, American Gates high-pressure oil pipe and external explosion-proof valve structure. The lifting and lowering are controlled by the flow of multiple manual valves.
- › The lifting oil cylinder is designed with a special buffer structure to prevent the gantry from shaking and ensure the safety of cargo lifting;
- › The support leg of the door base is made of solid square steel, which makes the structure of the door frame firm and reliable, resistant to impact and deformation;
- › When the drive wheel cannot work or needs maintenance, it can be easily removed and replaced as long as the fixing screws are removed.

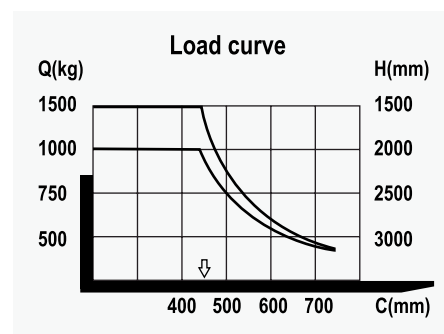
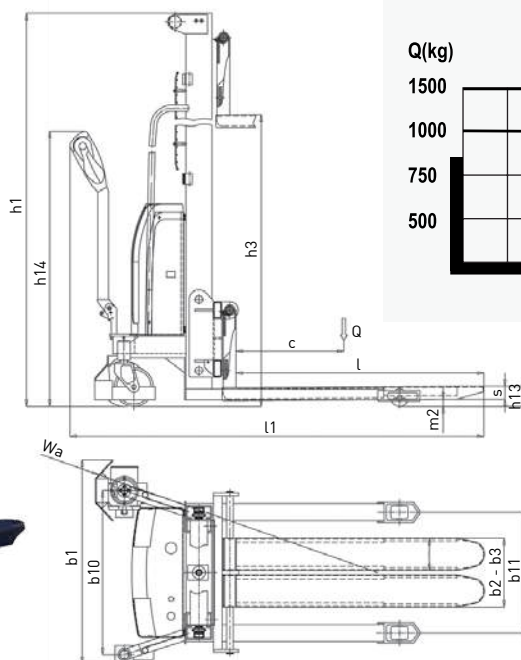


Adjustable Fork



Product code			CDDYG-E1020 / 1025 / 1030	CDDYG-E1520 / 1525
Basic				
Capacity	Q	kg	1000	1500
Load centre distances	c	mm	450	
Lifting method			Electric	
Operating mode			Walking	
Wheel				
Material			PU	
Driving/ steering/ weight-bearing wheel Qty			1x+1/2	1x+1/4
Size of load bearing wheel		mm	Ø80x60	
Drive wheel size		mm	Ø210x75	
Steering wheel size		mm	Ø180x50	
Dimensions				
Front wheel spacing	b11	mm	560	
Rear wheel spacing	b10	mm	760	
Min. fork height from the ground	h13	mm	90	
Max. fork height after lifting	h3	mm	2000 / 2500 / 3000	2000 / 2500
Outside fork width	b3	mm	320-740	
Inside fork width	b2	mm	20-440	
Single-sided fork dimension	l/e/s	mm	1150 x 150 x 60	
Overall vehicle length	l1	mm	1920	
Overall width	b1	mm	945	
Overall height	h1	mm	1580 / 1830 / 2080	1630 / 1880
Min. turning radius	Wa	mm	1480 / 1480 / 1430	1430
Aisle width, pallet 1000 x 1200		mm	2170	
Aisle width, pallet 800 x 1200		mm	2220	
Performance				
Max. travel speed (full / no load)		km/h	3.5 / 4	
Max. lifting speed (full / no load)		mm/s	105/170	
Max. descent speed (full / no load)		mm/s	180/170	
Climbing speed (full / no load)		%	4 / 6	
Electrical				
Drive motor		kW	24V0.75	
Lift motor		kW	24V2.2	
Battery capacity		V/Ah	2x12/80	
Charger type		V/Ah	24/12	
Weight				
Battery weight		kg	2x18.2±0.5	
Net weight		kg	420 / 425 / 455	425 / 460

Product colour may vary based on available stock.

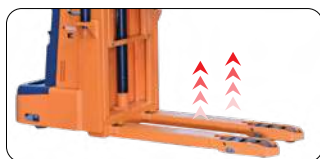


100

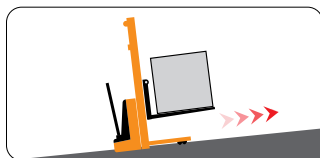
This **Fully Powered Double Lifting Stacker** is designed to be used for cargo handling and stacking, uses electricity as a power source.

Features:

- Can lift and transport two different pallets up to 1,500kg at a time.
- Able to lift the lower fork, allowing it to navigate at uneven and sloped roads with ease.



Fork Leg / Support Arm Max. lifting height 195mm



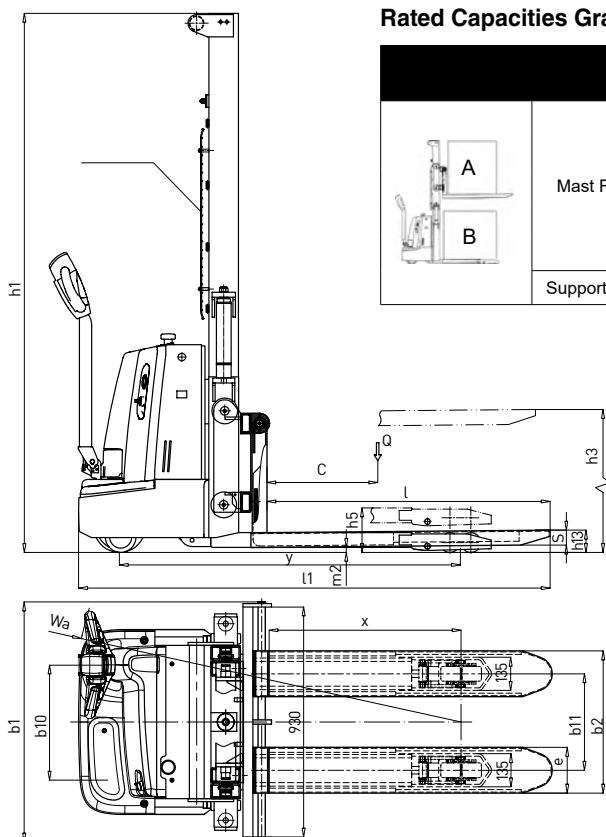
Operate easily under slightly sloped area

Product code			CDDYG-KS1530	CDDYG-KS1536
Capacity	Q	kg	1500	
Load centre distances	C	mm	450	
Load distance, centre of drive axle to fork	x	mm	780	
Wheel base	y	mm	1385	
Service weight (include battery)		kg	740	
Tyre type driving wheels / loading wheels			PU / PU	
Tyre size, driving wheels (diameter x width)		mm	Ø210 x 75	
Tyre size, loading wheel (diameter x width)		mm	Ø80 x 60	
Tyre size, caster wheel (diameter x width)		mm	Ø150 x 50	
Wheel number driving, caster / loading (x=drive wheels)		mm	1x + 1/4	
Track width, front, driving side	b11	mm	390	
Track width, rear, driving side	b10	mm	465	
Overall length	l1	mm	1920	
Overall width	b1	mm	980	
Height, mast lowered	h1	mm	2180	2480
Ground clearance, centre of wheelbase	m2	mm	20	
Lowered height	h13	mm	90	
Lift height	h3	mm	3000	3600
Fork leg lift height	h5	mm	195	
Fork dimension	s/ e/ l	mm	60 x 185 x 1150	
Outside width of the forks	b2	mm	575	925
Turning radius	Wa	mm	1580	
Lifting speed, laden / unladen		mm/s	86 / 52	
Lowering speed, laden / unladen		mm/s	76 / 68	
Travel speed, laden / unladen		km/h	5 / 4	
Max. gradeability, laden / unladen		%	12 / 8	
Battery voltage	V/Ah		24 / 120	
Drive motor rating	V/kW		24 / 1.0	
Lift motor rating	V/kW		24 / 2.2	
Type of drive unit			AC	

Product colour may vary based on available stock.

Rated Capacities Graph

		Lift Height (mm)	Capacity (kg)
	Mast Fork A	1500	1500
		2000	1250
		2500	1000
		3000	750
		3500	500
	Support Arm B	195	A+B≤2000



101

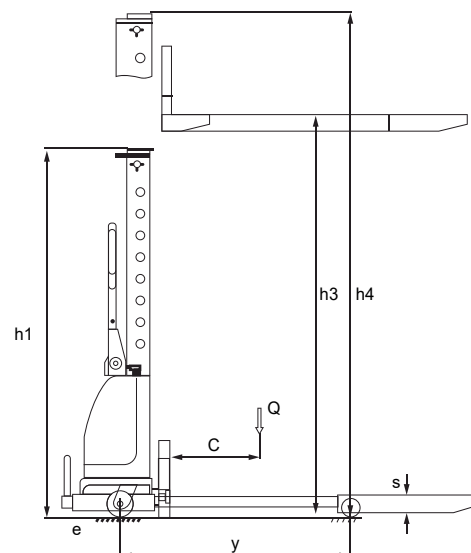
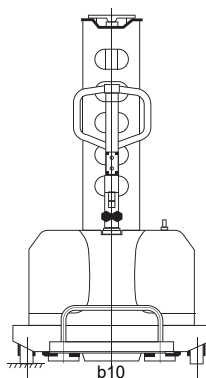
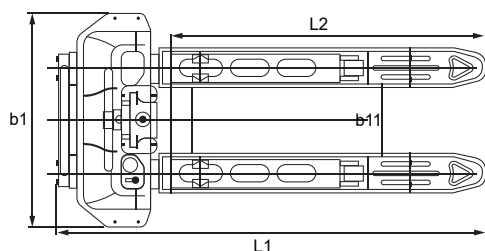
Advantage

- › Loading capacity: 500kg.
- › Lifting height is 800-1500mm. At max lifting height, the loading is no reduce.
- › Semi electric type self lifting stacker, the lifting and lowering speed is adjustable, according to the user's needs.
- › Steering chain auxiliary device.
- › Over discharge protection, extending battery life.
- › Sealed batteries free of maintenance, safe operation and no pollution.
- › Explosion-proof valve design, down more stable and reliable.
- › Add the design of the guide rail, makes pushing and pulling the goods more labor saving and convenient.



Product code			ZTS0513
Base			
Capacity	Q	kg	500
Load centre	C	mm	400
Type of lifting			Electric
Operating mode			Walking
Wheel			
Material			Nylon / PU
Wheel base	y	mm	860
Front wheel base	b11	mm	380
Back wheel base	b10	mm	670
Quantity of Steering / Bearing / Balance Wheel			2/2/6
Bearing wheel		mm	Ø70 x 60
Steering wheel size		mm	Ø100 x 50
Balance wheel size		mm	Ø40 x 26
Training wheel size		mm	Ø30 x 26
Dimension			
Min. fork height		mm	90
Max. fork height		h3 mm	1300
Fork outside width		mm	535
Fork inside width		mm	225
Fork length		mm	1150
Single fork size		e/s mm	155/60
Overall length		L1 mm	1600
Overall width		b1 mm	790
Overall height		h1 mm	1600
Whole height (after tape file shelf)		h4 mm	2900
Length of vertical surface to fork		L2 mm	1150
Min. turning radius		mm	1120
Performance			
Lifting speed (laden/unladen)		mm/s	80/110
Lowering speed (laden/unladen)		mm/s	80/80
Electrical			
Lift motor		V/kW	12/0.8
Battery capacity		V/Ah	12/33
Weight			
Battery weight		kg	10

Product colour may vary based on available stock.



102



Magnetic control
It can hold on the metal easily and not possible to lose.



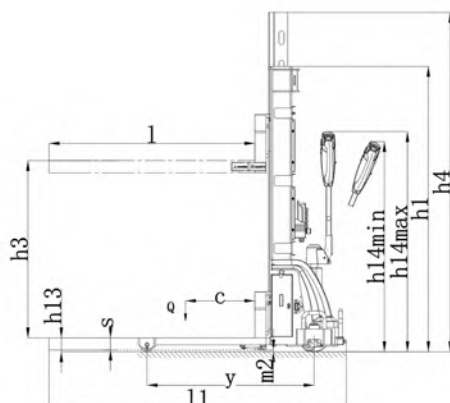
Emergency button
Located where you can easily reach and control, assuring safety for people and vehicle.



Replaceable battery
Designed on side of the vehicle, which is easy to replace and charge easily.

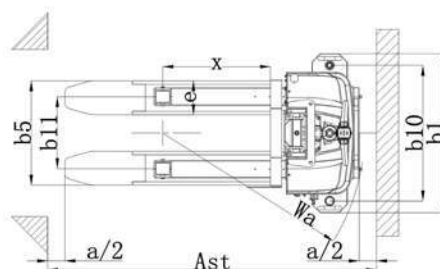


Solid metal leg
The legs are made of solid flat iron for higher load bearing strength.



Product code			SES1013
Distinguishing mark			
Power			Battery
Operator type			Pedestrian
Load capacity / Rated load	Q	ton	1.0
Load centre distance	C	mm	400
Load distance, centre of drive axle to fork	X	mm	622
Wheelbase	Y	mm	980
Weight			
Service weight		kg	430
Axle loading, laden front / rear		kg	\
Axle loading, unladen front / rear		kg	\
Tires, chassis			
Tires			PU
Tire size, front		mm	Ø190 x 70
Tire size, rear		mm	Ø80 x 70
Additional wheels (dimensions)		mm	Ø75 x 35
Wheels number front / rear (x=driven wheels)			1X+2/2
Track, front	b10	mm	780
Track, rear	b11	mm	417
Dimensions			
Lowered mast height	h1	mm	1450
Lift height	h3	mm	1300
Extended mast height	h4	mm	2480
Initial lift	h5	mm	105
Height of tiller in drive position min./ max.	h14	mm	740/1250
Height lowered	h13	mm	85
Overall length	l1	mm	1730
Length to face of fork	l2	mm	527
Overall width	b1	mm	920
Fork dimensions	s/ e/ l	mm	70/195/1200
Distance between fork-arms	b5	mm	600
Ground clearance, centre of wheelbase	m2	mm	10
Aisle width for pallet 1000x1200 crossways	Ast	mm	2089
Aisle width for pallet 800x1200 lengthways	Ast	mm	2083
Turning radius	Wa	mm	1180
Performance data			
Travel speed, laden/ unladen		km/h	4.0/4.2
Lift speed, laden/ unladen		m/s	0.05/0.07
Lowering speed, laden/ unladen		m/s	0.1/0.09
Max. gradeability, laden/ unladen		%	\
Service brake			Electromagnetic
Electric-engine			
Drive motor rating S2 60min		kW	0.85
Lift motor rating at S3 4.5%		kW	2.2
Battery acc. to DIN 43531/ 35/ 36 A, B, C, no			\
Battery voltage, nominal capacity K5		V/Ah	48/25(48/30)
Battery weight +/-5%		kg	30
Energy consumption acc to VDI cycle		kWh/h	\
Additional data			
Type of drive control			DC speed control
Sound level at driver's ear acc. to EN12053		dB(A)	≤70

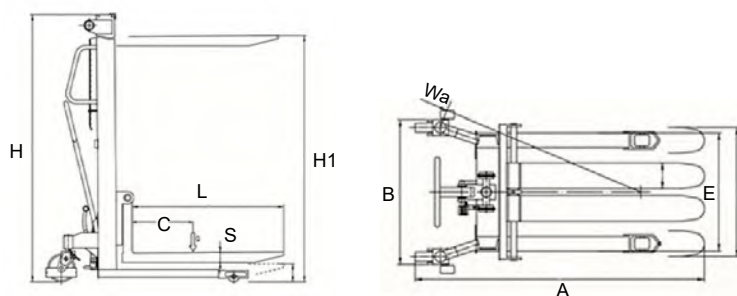
Product colour may vary based on available stock.



103


Product code			RSD1016	RSD1516	RSD2016	RSD1025	RSD1030
Capacity		kg	1000	1500	2000	1000	1000
Load centre	C	mm	400				
Type of lifting			Hand / Foot Pump				
Wheel material			Nylon				
Quantity of steering / loading wheel			2/2				
Wheel base		mm	1140				
Loading wheel		mm	Ø80 x 60				
Steering wheel		mm	Ø180 x 50				
Min. fork height		mm	90				
Max. fork height	H1	mm	1600			2500	3000
Fork outside / inside width		mm	320-720 / 20-320	340-830 / 20-340	340-740 / 20-340	320-720 / 20-320	
Single fork size	E x S	mm	150 x 60	160 x 60		150 x 60	
Fork length	L	mm	1000				
Overall length x width	A x B	mm	1525x790	1525x890	1525 x 790		
Overall height	H	mm	1985	2085	2085	1825	2085
Minimum turning radius	Wa	mm	1400				
Max. pump pressure (laden)		times	≤ 76	≤ 110	≤ 110	≤ 95	≤120
Lowering speed (laden / unladen)		m/s	Controlled				

Product colour may vary based on available stock.

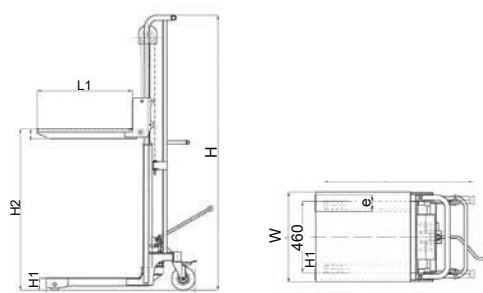


Manual Platform Stacker

104


Product code			PS0415
Capacity	kg		400
Load centre	mm		350
Type of lifting / lowering			Foot control
Material of wheel			PU
Bearing wheel	mm		Ø75 x 42
Steering wheel	mm		Ø150 x 38
Min. / Max. fork height	H1/ H2	mm	90 / 1500
Fork outside / inside width	mm		550 / 310
Single fork size	e x W x L1	mm	60 x 120 x 615
Overall size	H x W x L	mm	1770 x 610 x 1000
Min. turning radius	mm		1022
Fork lifting height to maximum pump pressure times			≤48

Product colour may vary based on available stock.



105

KOMADA Electrical Aerial Working Platform make construction, maintenance, and cleaning safer and more efficient. They are easy to move, quick to assemble, and operated via remote control to reduce worker fatigue and injury risks. One electric lift does the work of 5 to 8 traditional scaffolds.

Key Features:

- **Heavy-Duty Build:** Made with international standard steel and strong galvanized wire ropes.
- **Easy Control:** Wireless remote for quick lifting and lowering.
- **Full Mobility:** 360° rotation for easy positioning in any space.
- **Enhanced Safety:** Equipped with top/bottom travel limits, safety guardrails, and stabilizing legs.



Wireless remote control



Lifting Height:
 3000mm
 4500mm
 6000mm
 8000mm



Thickened Steel



Support Legs



Copper Motor



Crane Pulley



Anti-drop system

Product code		AWP-0530	AWP-0545	AWP-0560	AWP-0580
Product size	mm	1750 x 830	1750 x 830	2060 x 1080	2060 x 1080
Platform size	mm	660 x 1200	660 x 1200	900 x 1500	900 x 1500
Motor bearing capacity	kg	500			
Lifting height	mm	3000	4500	6000	8000
	meters	3	4.5	6	8
Frame material	Whole steel body				
Operation method	Wireless remote control				
Guardrail and supporting legs	Yes				
Castor wheel	2 fixed & 2 swivel with brake				

Product colour may vary based on available stock.

106

Self-propelled Scissor Lift

Built from high-grade manganese steel rectangular tubes, these mobile scissor lifts deliver high load capacity (300–2000 kg), smooth operation, and flexible mobility. Designed for high-altitude tasks across industrial workshops, docks, stations, and buildings.



Retracted position



Lifted position

Product code		ESJYZ0606	ESJYZ0810	ESJYZ1012	ESJYZ1214
Max. working height	m	7.8	10	12	14
Max. platform height	m	5.8	8	10	12
Safe working load	kg	230	320	320	320
Safe working load (extension deck)	kg	110	110	110	110
Platform dimensions (LxWxH)	m	1.68x0.74x1.1	2.273x0.81x1.2	2.264x1.13x1.2	2.264x1.13x1.2
Overall dimensions (LxWxH, Guardrail Up)	m	1.86x0.8x2.16	2.477x0.85x2.325	2.45x1.182x2.435	2.49x1.182x2.565
Overall dimensions (LxWxH, Guardrail Folded)	m	1.86x0.8x1.755	2.477x0.85x1.846	2.45x1.182x1.91	2.49x1.182x2.04
Deck extension length	m	0.9	0.9	0.9	0.9
Min. ground clearance	m	0.1/0.02	0.1/0.02	0.1/0.02	0.1/0.02
Wheelbase	m	1.43	1.90	1.90	1.90
Turning radius (inner)	m	0.3/1.75	0/2.35	0/2.35	0/2.35
Lift / drive motor	kW	24V/3.3	24V/3.3	24V/4.5	24V/4.5
Raise / lower motor		16 / 28s	35 / 40s	58 / 48s	65 / 60s
Travel speed (Stowed)	km/h	3.8	3.5	3.5	3.5
Travel speed (Raised)	km/h	0.8	-	0.8	0.8
Battery pack	V/Ah	4x6V / 200Ah	4x6V / 200Ah	4x6V / 200Ah	4x6V / 200Ah
Charger	V/A	24 / 30A	24 / 30A	24 / 30A	24 / 30A
Max. gradeability	%	25	25	25	25
Max. allowable tilt angle	°	1.5 ° / 3 °	1.5 ° / 3 °	1.5 ° / 3 °	1.5 ° / 3 °
Tire size	mm	Ø305 x 100	Ø381 x 127	Ø381 x 127	Ø381 x 127
Machine weight	kg	1450	2108	2400	2850

Product colour may vary based on available stock.

107

Aluminium Alloy Lifting Platform (polyurethane wheels)

Product code : **SJYZ0608**
 Overall dimensions : (L)1250 x (W)830x (H)1800mm
 Safe working load : 150kg
 Platform height : 6M
 Max. working height : 8M



Single Mast



108

Aluminium Alloy Lifting Platform (polyurethane wheels)

Product code : **SJYZ1214**
 Overall dimensions : (L)1700 x (W)900 x (H)2000mm
 Safe working load : 220kg
 Platform height : 12M
 Max. working height : 14M

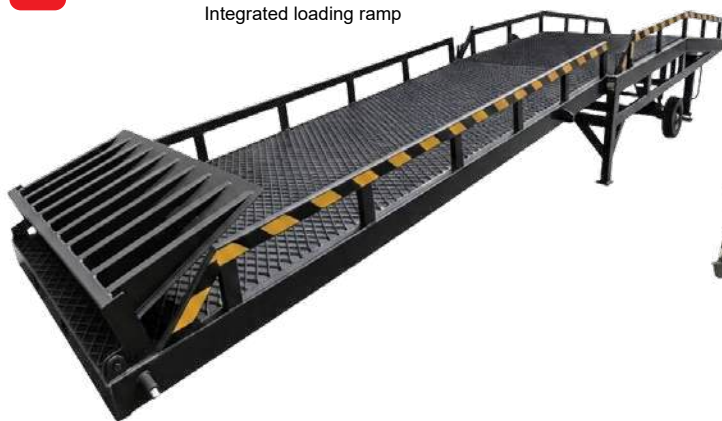


Double Mast



109

Integrated loading ramp



Foldable loading ramp

Product code		DCQG-10
Outline dimension	mm	11300L x 2100W x 1100H
Measurement	m	Slope length: 7150mm (length); planar dimensions: 3000mm (length) Rear pedal length: 750mm; front pedal dimensions: 400mm Equipment inner width: 2000mm; upper layer: 4mm steel plate and 8mm steel mesh.
Bearing	ton	Rated load 10 T
Propulsion system	mm	Manual hydraulic pump; support leg stroke: 400mm
Adjustable range	mm	1100 - 1800mm (equipment adjustment range)
Guardrail height	mm	200mm (40x80x3) rectangular pipe
Major structure	-	160 x 80 x 4 rectangular tube, 5 main beams (the spacing between adjacent cross bracing members is approximately 40cm)
Secondary beam structure	mm	100x50x4mm rectangular tube
Hydraulic jack	mm	Ø80 x 45
Hydraulic oil lines	-	32PMA high-pressure oil line
Mobile rubber wheels	mm	600-9 solid tire
Cranes and containers	-	The bridge structure is welded with hooks and secured using steel chains
Paint finish	-	Jet blasting and powder coating
Self-weight	ton	Approximately 2.6 tons

Product colour may vary based on available stock.

110

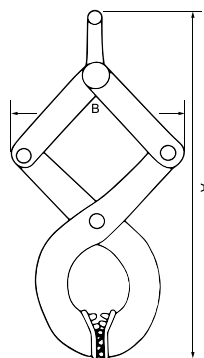
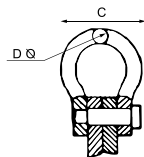
Mobile Loading Ramp

Product code : DCQY-10
Folding size : 5750 x 2100 x 2090mm
Rated load : 10T



Foldable loading ramp

111



Product code		VK2
Capacity	kg	2000
Range	mm	30-200
Dimension	mm	(A) 340-552
		(B) 310-390
		(C) 88
		(D) 19
Packing measurement	mm	405 x 285 x 90 (Internal)
		590 x 415 x 210/4pcs (External)
Net weight	kg	9

Product colour may vary based on available stock.

Mover Skate

112



CRO Series Mover Skate

Product code		CRO4R	CRO6R	CRO8R
Capacity	ton	6	8	12
Dimension (L x W x H)	mm	299 x 212 x 110	394 x 212 x 110	490 x 212 x 110
Net weight	kg	11	16	21.5

Product colour may vary based on available stock.

- > Transport trolleys can be used wherever heavy objects have to be moved.
- > The load can be lifted using either the roller crowbar on a jack allowing the transport trolleys to be easily positioned.



113



CRA Series Mover Skate

Product code		CRA4S	CRA6S	CRA8S
Capacity	ton	6	8	12
Dimension (L x W x H)	mm	299 x 212 x 110	394 x 212 x 110	490 x 212 x 110
Net weight	kg	12	17	22.5

Product colour may vary based on available stock.

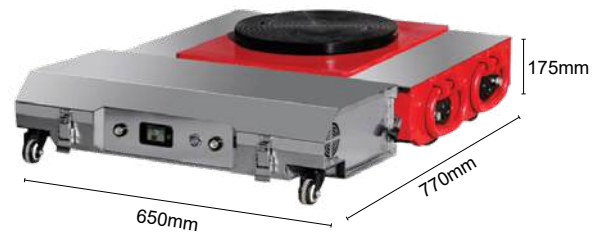
- > Transport trolleys can be used wherever heavy objects have to be moved.
- > The load can be lifted using either the roller crowbar on a jack allowing the transport trolleys to be easily positioned.

114

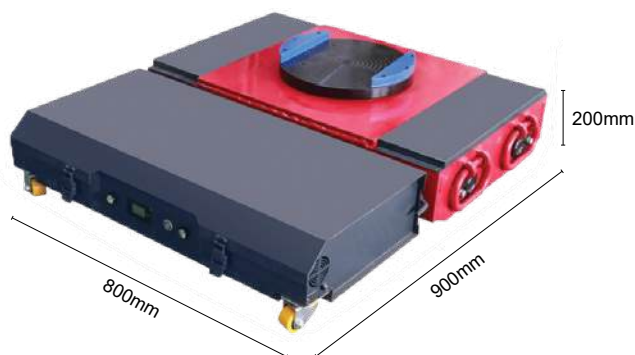
PM20T



PM30T



PM40T / PM50T



Remote Control :



(Standard)



(Optional - Heavy Duty)



Product code		PM20T	PM30T	PM40T	PM50T
Rated load	ton	10	15	20	25
Towing capacity	ton	20	30	40	50
Operating voltage	V	48	48	48	48
Charging voltage	V	54.6	54.6	54.6	54.6
Operating current	A	60	60	100	120
Charging current	A	5	5	8	8
Rated power	W	2 x 750	2 x 1000	2 x 1500	2 x 2000
Walking speed	m/min	6 - 10	6 - 10	6 - 10	6 - 10
Battery capacity	Ah	60	60	100	120
Range time	hours	4 - 5	4 - 5	4 - 6 Hours	4 - 6 Hours
Drive method		4 Wheel Drive	4 Wheel Drive	4 Wheel Drive	4 Wheel Drive
Control method		Wireless Industrial Remote Control			
External dimension	mm	740 x 640 x 165	770 x 650 x 175	900 x 800 x 200	900 x 800 x 200

Product colour may vary based on available stock.

115



Manual Table Lifter

Product code		TL 15	TL 50	TL 100
Capacity	kg	150	500	1000
Min. height of table	mm	220	290	390
Max. height of table	mm	720	900	1000
Dimension of table	mm	700 x 450 x 40	810 x 510 x 50	1000 x 510 x 55
Foot pedal strokes reach max. height	mm	≤25	≤30	≤79

The product colour depends on stock.

116



Double Scissor Table Lifter

Product code		TLD 35	TLD 50	TLD 100
Capacity	kg	350	500	1000
Platform size	mm	910 x 510 x 50	910 x 510 x 50	1200 x 610 x 60
Min. / max. height of platform	mm	360 / 1300	360 / 1500	500 / 1700
Foot pedal cycles to max.		≤74	≤76	≤145
Wheel size	mm	Ø125 x 50	Ø125 x 50	Ø150 x 50

The product colour depends on stock.

117

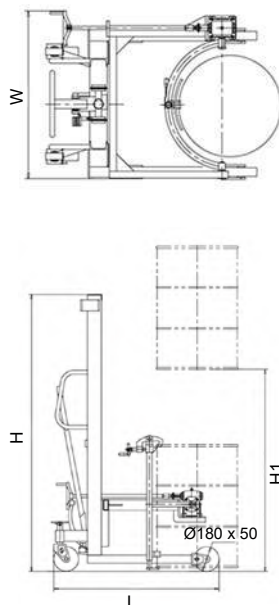
Electric Hydraulic Table Lifter



Product code		ET100S	ET200S	ET4000S	ET100SD	ET200SD
Capacity	kg	1000	2000	4000	1000	2000
Min. height of table	mm	240	250	300	305	360
Max. height of table	mm	1300	1300	1400	1780	
Platform size	mm	1000 x 2000	1000 x 2000	1200 x 2200	1300 x 820	
Lowering speed		Controlled				
Service voltage	V	380				
Power	W	1000	1500	2200	2200	

The product colour depends on stock.

118



Manual Drum Handler

Product code		COT400
Capacity	kg	400
Type of lifting		Hand / Foot pump
Tilt angle		180°
Wheel		
Material		Nylon
Quantity of steering / loading wheel		2/2
Wheel base	mm	1080
Loading wheel	mm	Ø180 x 50
Steering wheel	mm	Ø180 x 50
Dimension		
Drum vertical lifting height (H1)	mm	1450
Drum elevation level	mm	1350
Drum 135° tilt height	mm	1250
Overall size (L x W x H)	mm	1200 x 960 x 2030
Min. turning radius	mm	1250

The product colour depends on stock.

119



Hand Pump Drum Porter

Product code		DT250
Capacity	kg	250
Type of lifting	mm	Hand pump
Suitable for drum	mm	Ø590, 55 gallon steel drum
Loading wheel	mm	Ø180 x 50
Steering wheel	mm	Ø125 x 35
Drum vertical lifting height	mm	280
Inside leg width	mm	630
Overall size	mm	820W x 810L x 1050H
Min. turning radius	mm	1250

The product colour depends on stock.

- › Provides a manual, cost-effective way to lift and move drums.
- › Reduces manual lifting strain compared to handling drums directly.
- › Offers manoeuvrability in areas where powered equipment may not be suitable.

120



Foot Pump Drum Porter

Product code		DTF450
Capacity	kg	365
Suitable drum size	gallon	Ø590, 55 gallon steel drum
Lifting height	mm	640
Overall size	mm	1160 x 1220 x 800
Wheel size	mm	Ø150 x 50, Ø100 x 32

The product colour depends on stock.

- › Ergonomic operation reduces physical strain.
- › Increased efficiency in drum movement.
- › Enhanced safety with secure grip and safety features.
- › Good manoeuvrability in confined spaces.
- › Relatively cost-effective solution.

121



4 Wheel Multi Function Drum Truck

Product code: **50MF**

- › Load / unloads off pallet and ground.
- › Transport drum on 4 wheels.
- › Roller bearing wheels enable agitation of drum contents while in a horizontal position.
- › Load capacity 300kgs.

The product colour depends on stock.

122



2 Wheel Easy Tilt Drum Truck

Product code: **5ET**

- › Perfect axle placement and ball bearing centered wheel guarantee strain free drum transport.
- › Load capacity 300kgs.

The product colour depends on stock.

123



Overhead Horizontal Drum Clamp

Product code		DN500
Capacity	kg	500
Drum	gallon / litre	55 / 210
N.W.	kg	7.6

The product colour depends on stock.

- › All steel construction.
- › For lifting 210 litre drums with overhead hoist.
- › For open top and tight head steel drum.
- › When central over the horizontal to set locking lever in locked open position, drum release lever allow hooks to fall and locate under both rims. Hooks automatically engage as is lifted and disengage as drum is set down.

124



Overhead Chain Clamp

Product code		SL1
Rated capacity	kg	1000
Chain size	mm	Ø6x18
Chain length	mm	500
N.W.	kg	3.6

The product colour depends on stock.

125



Drum Tongs

Product code		QT200
Capacity	kg	200
Jaw opening	mm	1.9
N.W.	kg	1.3

The product colour depends on stock.

- Suitable for lifting drums in vertical position.
- It is manufactured by low carbon high quality alloy steel forging.
- Easy drum tongs is subject to test load at 1.5x rated load capacity.

126



Drum Tongs

Product code		DL360
Capacity	kg	360
Drum	gallon / litre	55 / 210
N.W.	kg	4.5

The product colour depends on stock.

- For lifting 210 litre open top and tight head steel drum, and plastic drums with L or X rings.
- Welded gripping hocks.
- Fitted with 20mm diameter steel pin for attaching to overhead hoist or crane.

127



Overhead Vertical Drum Clamp

Product code		DL350
Capacity	kg	350
Drum	litre	210
N.W.	kg	6.69

The product colour depends on stock.

- All steel construction.
- Easy moves and handle open or closed head loaded steel drums. Allows quick, gentle loading into over packs and keeps drums upright during lift, reducing spills and injuries.
- Works easily with overhead hoist or hook from forklift.

128



Drum Gripping Mechanism:

Designed to securely hold the drum during lifting and transport.

Eagle Grip Forklift Double Drum Attachment

Product code		EG2
Rated capacity	kg	720
Drum	gallon / litre	(55 / 210) x 2
Net weight	kg	96

The product colour depends on stock.



129


Fully Powered Self Lifting Stacker

Product code		EDL0513	EDL0516
Capacity	kg	500	
Overall width	mm	850	
Overall length	mm	1700	
Vehicle overall height	mm	1800	2100
Lifting height	mm	1300	1600
Fork length	mm	1150	
Fork distance	mm	330	
Fork outside width	mm	640	
Single fork width	mm	160	
Support leg	mm	820	
Travel speed	km/h	5	
Weight	kg	226	234

The product colour depends on stock.



Ergonomic operating handle

130


Semi-Powered Self Lifting Stacker

Product code		DL0513	DL0516
Capacity	kg	500	
Overall width	mm	930	920
Lifting height	mm	1300	1600
Vehicle overall height	mm	1800	2100
Fork length	mm	1150	
Fork outside width	mm	560	
Fork distance	mm	250	
Support leg		820	
Working time		Lifting cycle approx. 200 times	
Ground clearance	mm	85	
Weight	kg	205	

The product colour depends on stock.





2311-PMV-075
2311-PMV-100
2311-PMV-125
(SWIVEL)



2312-PMV-075
2312-PMV-100
2312-PMV-125
(FIXED)



2313-PMV-075
2313-PMV-100
2313-PMV-125
(SIDE BRAKE)



2314-PMV-075
2314-PMV-100
2314-PMV-125
(TOP BRAKE)



PMV-075
PMV-100
PMV-125
(WHEEL)

Medium Duty Top Plate Castor C/W Maroon PVC Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
75 x 32	10 x 39	105	92 x 62	72 x 45	70
100 x 32	10 x 39	130	92 x 62	72 x 45	80
125 x 32	10 x 39	155	92 x 62	72 x 45	100



2311-PGR-075
2311-PGR-100
2311-PGR-125
(SWIVEL)



2312-PGR-075
2312-PGR-100
2312-PGR-125
(FIXED)



2313-PGR-075
2313-PGR-100
2313-PGR-125
(SIDE BRAKE)



2314-PGR-075
2314-PGR-100
2314-PGR-125
(TOP BRAKE)

Medium Duty Top Plate Castor C/W Gray Rubber Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel Dia. x Width (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
75 x 32	10 x 40	105	92 x 62	72 x 45	70
100 x 32	10 x 40	130	92 x 62	72 x 45	80
125 x 32	10 x 40	155	92 x 62	72 x 45	100



2311-RBF-075
2311-RBF-100
2311-RBF-175
(SWIVEL)



2312-RBF-075
2312-RBF-100
2312-RBF-175
(FIXED)



2313-RBF-075
2313-RBF-100
2313-RBF-175
(SIDE BRAKE)



2314-RBF-075
2314-RBF-100
2314-RBF-175
(TOP BRAKE)



RBF-075
RBF-100
RBF-175
(WHEEL)

Medium Duty Top Plate Castor C/W 320°C Reddish Brown Fiberglass Wheel (Plain Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
75 x 31	13 x 23	105	92 x 62	72 x 45	80
100 x 31	13 x 23	130	92 x 62	72 x 45	100
125 x 31	13 x 23	155	92 x 62	72 x 45	120



2321-PPB-075
2321-PPB-100
2321-PPB-125
(SWIVEL)



2323-PPB-075
2323-PPB-100
2323-PPB-125
(SIDE BRAKE)



2324-PPB-075
2324-PPB-100
2324-PPB-125
(TOP BRAKE)



PPB-075
PPB-100
PPB-125
(WHEEL)

Medium Duty Bolt Hole Castor C/W White PP Wheel (Double Ball Bearing)

				
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Hole Spacing (mm)	Load Capacity (Kg)
75 x 32	10 x 39	105	13	70
100 x 32	10 x 39	130	13	80
125 x 32	10 x 39	155	13	100



2511-DBV-040
2511-DBV-050
(SWIVEL)



2512-DBV-040
2512-DBV-050
(FIXED)



2514-DBV-040
2514-DBV-050
(TOP BRAKE)



DBV-040
DBV-050
(WHEEL)

Medium Duty Top Plate Castor C/W Black PVC Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
40 x 20	6 x 30	60	60 x 43	45 x 30	40
50 x 24	6 x 30	71	70 x 50	50 x 35	50



2531-DBV-040-TM12
2531-DBV-050-TM12
(SWIVEL)



2534-DBV-040-TM12
2534-DBV-050-TM12
(TOP BRAKE)



DBV-040
DBV-050
(WHEEL)

Medium Duty M12 Thread Stem Castor C/W Black PVC Wheel (Double Ball Bearing)

				
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Hole Spacing (mm)	Load Capacity (Kg)
40 x 20	6 x 30	60	12 x 30	40
50 x 24	6 x 30	71	12 x 30	50



3311-LPP-080
3311-LPP-100
3311-LPP-125
3311-LPP-160
3311-LPP-200
(SWIVEL)



3312-LPP-080
3312-LPP-100
3312-LPP-125
3312-LPP-160
3312-LPP-200
(FIXED)



3314-LPP-080
3314-LPP-100
3314-LPP-125
3314-LPP-160
3314-LPP-200
(TOP BRAKE)



LPP-080
LPP-100
LPP-125
LPP-160
LPP-200
(WHEEL)

Light Duty Top Plate Castor C/W White PP Wheel (Plain Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
80 x 32	12 x 40	108	102 x 84	60 x 50	60
100 x 33	12 x 40	125	102 x 84	80 x 60	70
125 x 35	15 x 40	150	102 x 84	80 x 60	80
160 x 45	20 x 40	190	135 x 105	105 x 75	120
200 x 45	20 x 40	235	135 x 105	105 x 75	150



3311-SBR-075
3311-SBR-080
3311-SBR-100
3311-SBR-125
3311-SBR-160
3311-SBR-200
(SWIVEL)



3312-SBR-075
3312-SBR-080
3312-SBR-100
3312-SBR-125
3312-SBR-160
3312-SBR-200
(FIXED)



3314-SBR-075
3314-SBR-080
3314-SBR-100
3314-SBR-125
3314-SBR-160
3314-SBR-200
(TOP BRAKE)



SBR-075
SBR-080
SBR-100
SBR-125
SBR-160
SBR-200
(WHEEL)

Light Duty Top Plate Castor C/W Black Rubber Wheel (Roller Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
75 x 28	8 x 34	95	84 x 72	60 x 50	50
80 x 32	8 x 43	108	102 x 84	80 x 60	55
100 x 34	8 x 43	125	102 x 84	80 x 60	70
125 x 36	10 x 43	150	102 x 84	80 x 60	80
160 x 47	12 x 59	190	135 x 105	105 x 75	100
200 x 50	12 x 59	235	135 x 105	105 x 75	130



3611-BER-080
3611-BER-100
3611-BER-125
3611-BER-160
3611-BER-200
(SWIVEL)



3612-BER-080
3612-BER-100
3612-BER-125
3612-BER-160
3612-BER-200
(FIXED)



3614-BER-080
3614-BER-100
3614-BER-125
3614-BER-160
3614-BER-200
(TOP BRAKE)



BER-080
BER-100
BER-125
BER-160
BER-200
(WHEEL)

Medium Duty Top Plate Castor C/W Blue Elastic Rubber Wheel (Roller Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
80 x 33	7.5 x 43	108	102 x 84	80 x 60	80
100 x 33	8 x 43	125	102 x 84	80 x 60	100
125 x 33	9 x 51	150	102 x 84	80 x 60	150
160 x 54	13 x 62	190	135 x 105	105 x 75	200
200 x 54	13 x 62	235	135 x 105	105 x 75	250



3711-BEB-100
3711-BEB-125
(SWIVEL)



3712-BEB-100
3712-BEB-125
(FIXED)



BEB-100
BEB-125
(WHEEL)

Medium Duty Top Plate Castor C/W Blue Elastic Rubber Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 34	14 x 45	111	99 x 80	54 x 74	80
125 x 34	15 x 46	194	109 x 95	54 x 74	160

For plastic trolley use.



3911-PBR-160
3911-PBR-200
(SWIVEL)



3914-PBR-160
3914-PBR-200
(TOP BRAKE)



PBR-160
PBR-200
(WHEEL)

Medium Duty Top Plate Castor C/W PP Centre Black Rubber Wheel (Plain Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
160 x 50	20 x 60	200	135 x 110	105 x 80	150
200 x 50	20 x 60	250	135 x 110	105 x 80	200



5311-HBN-100
5311-HBN-125
5311-HBN-150
5311-HBN-200
(SWIVEL)



5312-HBN-100
5312-HBN-125
5312-HBN-150
5312-HBN-200
(FIXED)



5313-HBN-100
5313-HBN-125
5313-HBN-150
5313-HBN-200
(SIDE BRAKE)



5314-HBN-100
5314-HBN-125
5314-HBN-150
5314-HBN-200
(TOP BRAKE)



HBN-100
HBN-125
HBN-150
HBN-200
(WHEEL)

Heavy Duty Top Plate Castor C/W 230°C Brown Nylon Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 50	12.5 x 60	142	111 x 96	83 x 73	280
125 x 50	12.5 x 60	163	111 x 96	83 x 73	300
150 x 50	12.5 x 60	192	111 x 96	83 x 73	330
203 x 50	12.5 x 60	240	111 x 96	83 x 73	400



5311-RPV-100
5311-RPV-125
5311-RPV-150
5311-RPV-200
(SWIVEL)



5312-RPV-100
5312-RPV-125
5312-RPV-150
5312-RPV-200
(FIXED)



5313-RPV-100
5313-RPV-125
5313-RPV-150
5313-RPV-200
(SIDE BRAKE)



5314-RPV-100
5314-RPV-125
5314-RPV-150
5314-RPV-200
(TOP BRAKE)



RPV-100
RPV-125
RPV-150
RPV-200
(WHEEL)

Heavy Duty Top Plate Castor C/W Red PVC Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
99 x 50	12.5 x 61	143	115 x 100	85 x 72	200
123 x 51	12.5 x 61	165	115 x 100	85 x 72	230
148 x 51	12.5 x 61	191	115 x 100	85 x 72	280
198 x 50	12.5 x 61	238	115 x 100	85 x 72	320



5311-CPU-100
5311-CPU-125
5311-CPU-150
5311-CPU-200
(SWIVEL)



5312-CPU-100
5312-CPU-125
5312-CPU-150
5312-CPU-200
(FIXED)



5313-CPU-100
5313-CPU-125
5313-CPU-150
5313-CPU-200
(SIDE BRAKE)



5314-CPU-100
5314-CPU-125
5314-CPU-150
5314-CPU-200
(TOP BRAKE)



CPU-100
CPU-125
CPU-150
CPU-200
(WHEEL)

Heavy Duty Top Plate Castor C/W Flat Red PU Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 50	12.5 x 61	141	115 x 100	85 x 72	250
125 x 50	12.5 x 61	164	115 x 100	85 x 72	280
150 x 50	12.5 x 61	194	115 x 100	85 x 72	320
200 x 50	12.5 x 61	238	115 x 100	85 x 72	400



5311-CRU-100
5311-CRU-125
5311-CRU-150
5311-CRU-200
(SWIVEL)



5312-CRU-100
5312-CRU-125
5312-CRU-150
5312-CRU-200
(FIXED)



5313-CRU-100
5313-CRU-125
5313-CRU-150
5313-CRU-200
(SIDE BRAKE)



5314-CRU-100
5314-CRU-125
5314-CRU-150
5314-CRU-200
(TOP BRAKE)



CRU-100
CRU-125
CRU-150
CRU-200
(WHEEL)

Heavy Duty Top Plate Castor C/W Round Red PU Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
101 x 42	17 x 62	142	111 x 96	83 x 73	280
126 x 46	17 x 62	163	111 x 96	83 x 73	300
150 x 48	17 x 62	192	111 x 96	83 x 73	330
200 x 48	17 x 62	237	111 x 96	83 x 73	400



5311-CIR-100
5311-CIR-125
5311-CIR-150
5311-CIR-200
(SWIVEL)



5312-CIR-100
5312-CIR-125
5312-CIR-150
5312-CIR-200
(FIXED)



5313-CIR-100
5313-CIR-125
5313-CIR-150
5313-CIR-200
(SIDE BRAKE)



5314-CIR-100
5314-CIR-125
5314-CIR-150
5314-CIR-200
(TOP BRAKE)



CIR-100
CIR-125
CIR-150
CIR-200
(WHEEL)

Heavy Duty Top Plate Castor C/W Cast Iron Wheel (Roller Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 50	13 x 63	142	111 x 96	83 x 73	220
126 x 50	13 x 63	163	111 x 96	83 x 73	250
150 x 50	13 x 63	192	111 x 96	83 x 73	280
200 x 50	13 x 63	238	111 x 96	83 x 73	350



5311-TGR-100
5311-TGR-125
5311-TGR-150
5311-TGR-200
(SWIVEL)



5312-TGR-100
5312-TGR-125
5312-TGR-150
5312-TGR-200
(FIXED)



5313-TGR-100
5313-TGR-125
5313-TGR-150
5313-TGR-200
(SIDE BRAKE)



5314-TGR-100
5314-TGR-125
5314-TGR-150
5314-TGR-200
(TOP BRAKE)



TGR-100
TGR-125
TGR-150
TGR-200
(WHEEL)

Heavy Duty Top Plate Castor C/W Gray Rubber Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
99 x 49	12.5 x 63	141	115 x 100	85 x 72	150
124 x 50	12.5 x 63	160	115 x 100	85 x 72	180
148 x 50	12.5 x 63	191	115 x 100	85 x 72	250
198 x 50	12.5 x 63	238	115 x 100	85 x 72	300



5311-MOR-100
5311-MOR-125
5311-MOR-150
5311-MOR-200
(SWIVEL)



5312-MOR-100
5312-MOR-125
5312-MOR-150
5312-MOR-200
(FIXED)



5313-MOR-100
5313-MOR-125
5313-MOR-150
5313-MOR-200
(SIDE BRAKE)



5314-MOR-100
5314-MOR-125
5314-MOR-150
5314-MOR-200
(TOP BRAKE)



MOR-100
MOR-125
MOR-150
MOR-200
(WHEEL)

Heavy Duty Top Plate Castor C/W Molded Rubber Wheel (Roller Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 50	12.5 x 63	142	111 x 96	83 x 73	120
127 x 50	12.5 x 63	165	111 x 96	83 x 73	150
153 x 50	12.5 x 63	194	111 x 96	83 x 73	200
201 x 50	12.5 x 63	239	111 x 96	83 x 73	250



5394-MOR-150
5394-MOR-200
(TOP BRAKE)



MOR-150
MOR-200
(WHEEL)



5394-150
5394-200
(BRACKET)

Heavy Duty Top Brake Scaffolding Castor C/W Moulded Rubber Wheel (Roller Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Stem Height (mm)	Stem Width (mm)	Load Capacity (Kg)
150 x 50	13 x 63	190	100	Ø35	200
200 x 50	13 x 63	240	100	Ø35	250



5311-SPB-100
5311-SPB-125
5311-SPB-150
5311-SPB-200
(SWIVEL)



5312-SPB-100
5312-SPB-125
5312-SPB-150
5312-SPB-200
(FIXED)



5313-SPB-100
5313-SPB-125
5313-SPB-150
5313-SPB-200
(SIDE BRAKE)



5314-SPB-100
5314-SPB-125
5314-SPB-150
5314-SPB-200
(TOP BRAKE)



SPB-100
SPB-125
SPB-150
SPB-200
(WHEEL)

Heavy Duty Top Plate Castor C/W White PP Wheel (Double Ball Bearing)

					
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 50	12.5 x 63	142	111 x 96	83 x 73	220
124 x 50	12.5 x 63	163	111 x 96	83 x 73	250
148 x 50	12.5 x 63	193	111 x 96	83 x 73	280
199 x 50	12.5 x 63	237	111 x 96	83 x 73	350



5511-BPA-040
5511-BPA-050
5511-BPA-065
5511-BPA-075
(SWIVEL)



5512-BPA-040
5512-BPA-050
5512-BPA-065
5512-BPA-075
(FIXED)



5514-BPA-040
5514-BPA-050
5514-BPA-065
5514-BPA-075
(TOP BRAKE)

Heavy Duty Low Gravity Castor C/W Black PP Wheel (Double Ball Bearing)

Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
40 x 30	8 x 30	64	66 x 50	48 x 32	60
50 x 30	8 x 30	75	72 x 54	53 x 37	80
65 x 40	12 x 40	92	92 x 68	71 x 42	160
75 x 45	12 x 45	106	105 x 80	80 x 60	200



6311-ENY-100
6311-ENY-125
6311-ENY-150
6311-ENY-200
(SWIVEL)



6312-ENY-100
6312-ENY-125
6312-ENY-150
6312-ENY-200
(FIXED)



6314-ENY-100
6314-ENY-125
6314-ENY-150
6314-ENY-200
(TOP BRAKE)



ENY-100
ENY-125
ENY-150
ENY-200
(WHEEL)

Extra Heavy Duty Top Plate Castor C/W MC Nylon Wheel (Double Ball Bearing)

Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 55	17 x 65	149	140 x 110	108 x 72	500
125 x 55	17 x 65	172	140 x 110	108 x 72	600
150 x 55	17 x 65	199	140 x 110	108 x 72	800
200 x 55	17 x 65	250	140 x 110	108 x 72	1000



6311-EOU-100
6311-EOU-125
6311-EOU-150
6311-EOU-200
(SWIVEL)



6312-EOU-100
6312-EOU-125
6312-EOU-150
6312-EOU-200
(FIXED)



6314-EOU-100
6314-EOU-125
6314-EOU-150
6314-EOU-200
(TOP BRAKE)



EOU-100
EOU-125
EOU-150
EOU-200
(WHEEL)

Extra Heavy Duty Top Plate Castor C/W Orange PU Wheel (Double Ball Bearing)

Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Overall Height (mm)	Plate Size (mm)	Hole Spacing (mm)	Load Capacity (Kg)
100 x 55	17 x 65	148	140 x 110	108 x 72	500
126 x 55	17 x 65	172	140 x 110	108 x 72	600
150 x 55	17 x 65	197	140 x 110	108 x 72	800
200 x 55	17 x 65	250	140 x 110	108 x 72	1000


Heavy Duty Pallet Truck Red PU Load Wheel (Double Ball Bearing)

		
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Load Capacity (Kg)
80 x 60	20 x 60	600
80 x 70	20 x 70	700
80 x 80	20 x 80	800
80 x 93	20 x 93	1000
80 x 100	20 x 100	600


Heavy Duty Pallet Truck Nylon Load Wheel (Double Ball Bearing)

		
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Load Capacity (Kg)
80 x 60	20 x 60	600
80 x 70	20 x 70	700
80 x 93	20 x 93	800
80 x 100	20 x 100	1000


Heavy Duty Pallet Truck Nylon Steering Wheel (Double Ball Bearing)

		
Wheel OD x Width (mm)	Wheel ID x Hub Length (mm)	Load Capacity (Kg)
180 x 50	20 x 50	800
200 x 50	20 x 50	1000



Medium Duty Double Sided Ladder

Product code	No. of Step	Working Height		Closed Height		Measurement (mm)		Support Bar	Bearing (kg)
		mm	ft	mm	ft	A	B		
MDS04	4	1000	3.28	1000	3.28	395	680	No	100
MDS05	5	1225	4.02	1250	4.1	424	755	No	
MDS06	6	1500	4.92	1500	4.92	461	878	No	
MDS07	7	1750	5.74	1750	5.74	490	1035	No	
MDS08	8	2000	6.56	2000	6.56	518	1162	Yes	
MDS09	9	2250	7.38	2250	7.38	549	1285	Yes	
MDS10	10	2500	8.2	2500	8.2	578	1405	Yes	
MDS11	11	2750	9.02	2750	9.02	607	1645	Yes	
MDS12	12	3000	9.84	3000	9.84	638	1942	Yes	
MDS14	14	3500	11.48	3500	11.48	697	2000	Yes	

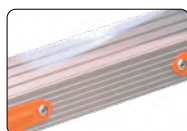
Optional item:
Heavy Duty Ladder Bag

Product code:
HLB 6511

Size (mm):
150 x 125 x 275



Safety PVC Side Cover



Anti slip design



Hinge joint cover with PVC



Support Bar



Reinforced Braces



Non Slip Rubber Foot

HDS 06



Heavy Duty Double Sided Ladder

Product code	No. of Step	Working Height		Closed Height		Measurement (mm)		Support Bar	Bearing (kg)
		mm	ft	mm	ft	A	B		
HDS04	4	1000	3.28	1000	3.28	395	680	No	150
HDS05	5	1225	4.02	1250	4.1	424	755	No	
HDS06	6	1500	4.92	1500	4.92	461	878	No	
HDS07	7	1750	5.74	1750	5.74	490	1035	No	
HDS08	8	2000	6.56	2000	6.56	518	1162	Yes	
HDS09	9	2250	7.38	2250	7.38	549	1285	Yes	
HDS10	10	2500	8.2	2500	8.2	578	1405	Yes	
HDS11	11	2750	9.02	2750	9.02	607	1645	Yes	
HDS12	12	3000	9.84	3000	9.84	638	1942	Yes	
HDS14	14	3500	11.48	3500	11.48	697	2000	Yes	

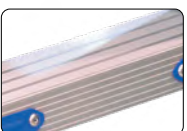
Optional item:
Heavy Duty Ladder Bag

Product code:
HLB 6511

Size (mm):
150 x 125 x 275



Safety PVC Side Cover



Anti slip design



Hinge joint cover with PVC



Support Bar



Reinforced braces

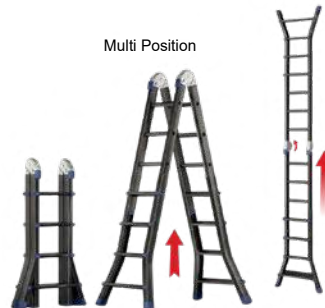


Non Slip Rubber Foot

Black Little Giant Ladder



Product code	No. of Step	A Height		Extend Length		Bearing
		mm	ft	mm	ft	kg
BLG-3	3	156	3.28	301	3.28	150
BLG-4	4	212	4.02	413	4.1	
BLG-5	5	268	4.92	525	4.92	
BLG-6	6	324	5.74	637	5.74	
BLG-7	7	380	6.56	749	6.56	
BLG-8	8	436	7.38	861	7.38	
BLG-9	9	492	8.2	937	8.2	



Multi Position



J-Lock System



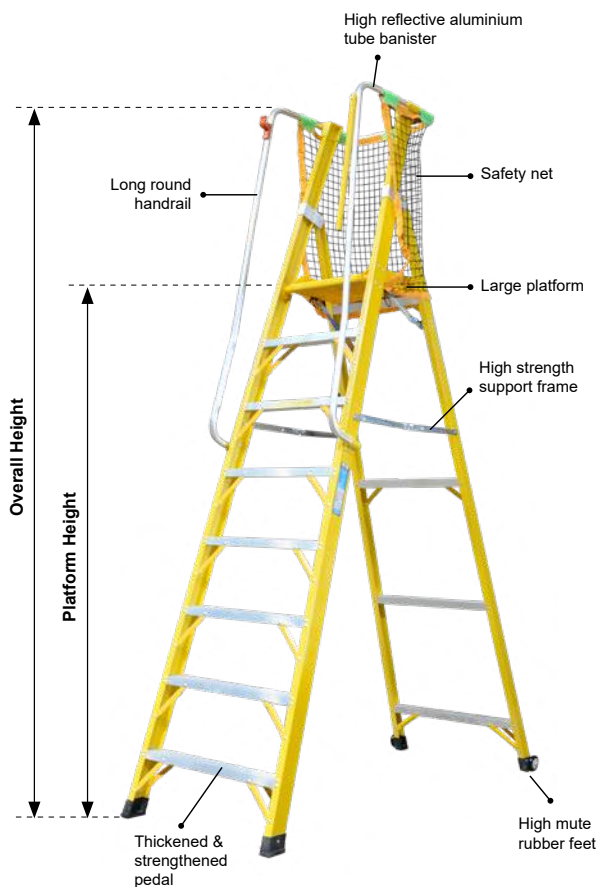
Built thick, stand firm



Anti Slip Step



Protective Non-Slip Foot Pads



Fiberglass Platform Ladder

Product code	Ladder Step	Width	Length	Overall Height	Platform Height	Bearing
		mm	mm	mm	mm	kg
FGP 04	4	670	1180	2000	1150	150
FGP 06	6	740	1530	2600	1710	
FGP 08	8	800	1900	3200	2280	
FGP 10	10	865	2290	3800	2850	
FGP 12	12	935	2610	4400	3460	

Features:



Large platform



Alkali-free Fiberglass
(Damp proof / Anti-corrosion)



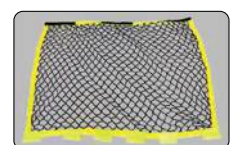
30mm widened castor
to move ladder easily



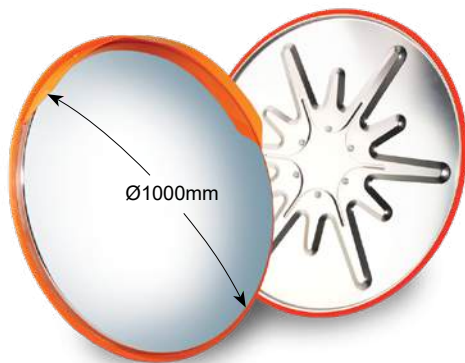
High strength support frame



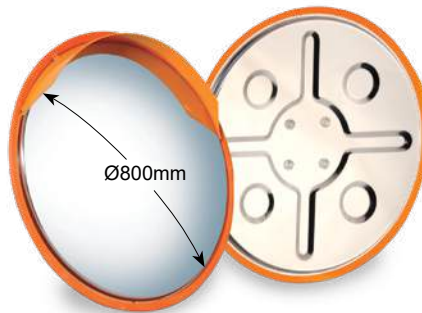
Aluminium handrail for
increase user safety



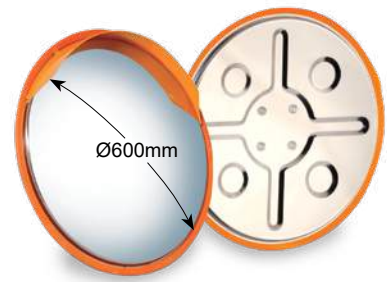
Safety net



SSCM1000



SSCM800



SSCM600

Outdoor Stainless Steel Convex Mirror

Product code	Diameter (mm)	Carton size (mm)	Qty carton (pc)	G.W. (kg)	Mounted on	Pole diameter (mm)
SSCM1000	Ø1000	1105 x 1085 x 128	1	19.58	Pole	Ø75
SSCM800	Ø800	905 x 895 x 128	1	14.05		
SSCM600	Ø600	680 x 680 x 175	1	7.95		

Remarks: Pole not included.

Pole Bracket



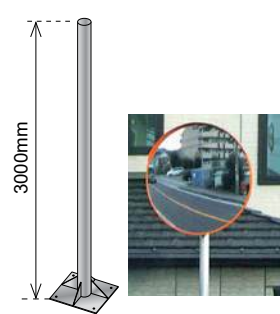
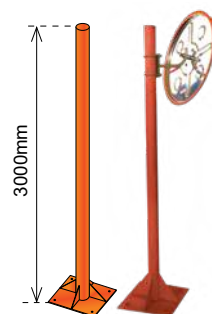
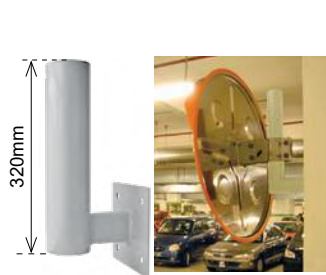
SSCM600 Pole bracket Ø75mm



SSCM800 Pole bracket Ø75mm



SSCM1000 Pole bracket Ø75mm

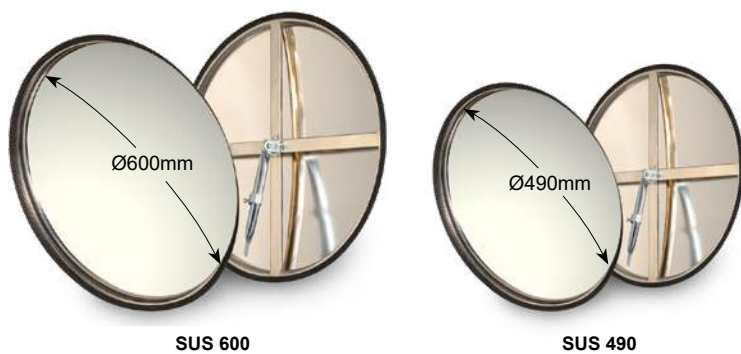


Pole

Product name	L-Pole	Ceiling Pole	Mild Steel Pole	Galvanized Pole
Product code	LP0612	CP0328	POLE 75 x 3M	HDG POLE 75 x 3M
Diameter (mm)	Ø75	Ø75	Ø75	Ø75
Height (mm)	320	700	3000	3000
Wall Plate (mm)	150 x 150	-	-	-
Ceiling Plate (mm)	-	152 x 152	-	-
Base Plate (mm)	-	-	305 x 460	305 x 460
Colour	Light Grey	Light Grey	Orange	Silver

Remarks: SSCM 1000, SSCM 800, SSCM 600 use only.

Stainless Steel Convex Mirror

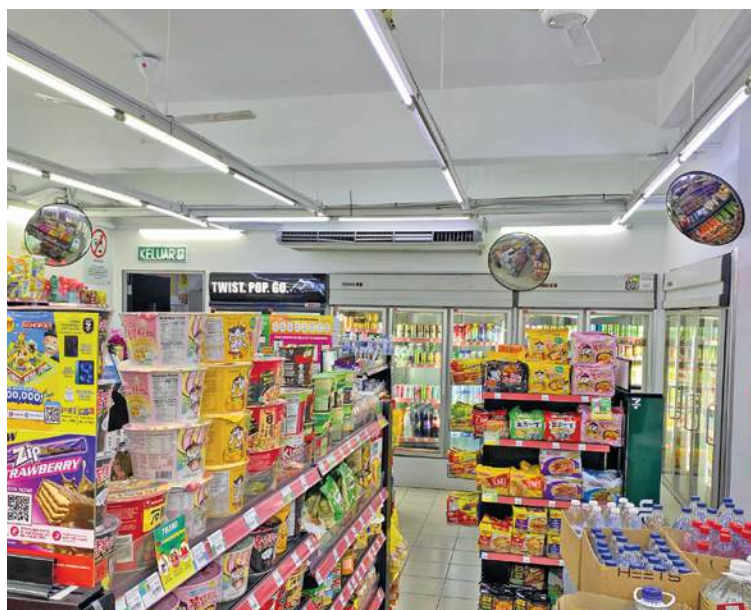


Indoor Stainless Steel Convex Mirror

Product code	Diameter (mm)	Carton size (mm)	Qty carton (pc)	G.W. (kg)	Mounted on
SUS 600	Ø600	675 x 675 x 117	1	3.85	Wall
SUS 490	Ø490	525 x 525 x 110	1	2.45	



Wall mounted bracket



Polycarbonate Convex Mirror

Polycarbonate Convex Mirror is made of polycarbonate which is soft, lightweight but with strong impact resistant and shatter-proof. Compared with acrylic, polycarbonate lens have excellent reflection properties, ultraviolet-proof and anti-scratch. The impact resistance is about 30 times stronger than the same thickness of acrylic.

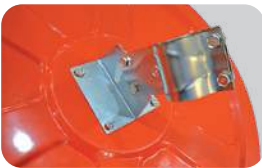
Reliable: Vandal resistant. To improve visibility for blind spots indoors or outdoors, such as driveways, street corners, road crossings, garage exits, parking lots, garage, warehouse, shops, retails, supermarket, etc.



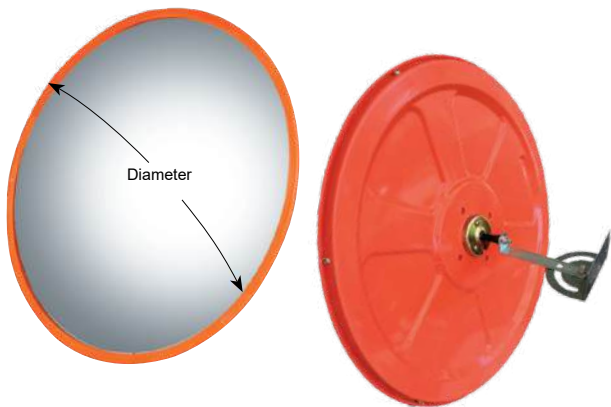
Outdoor Polycarbonate Convex Mirror

Product code	Diameter (cm)	Pole bracket (cm)
PCOM60	Ø60	Ø5
PCOM80	Ø80	Ø7.5
PCOM100	Ø100	Ø7.5

Remarks: Pole not included.



Pole mounted bracket



Indoor Polycarbonate Convex Mirror

Product code	Diameter (cm)
PCIM45	Ø45
PCIM60	Ø60

Remarks: Pole not included.



Wall mounted bracket



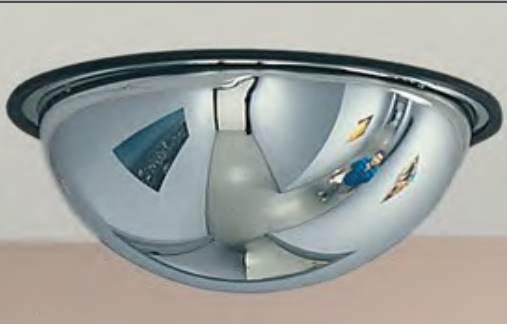
Springs back automatically, after press.



Protective film - To avoid scratch, remove it after installation.



Suitable use in indoor and outdoor.



Indoor Dome Mirror

Product code	Diameter	Material made	Mounted on
IDM600	Ø600	Polycarbonate	Ceiling

Materials & specifications are subject to change without prior notice.

Working Principle of Floor Scrubber

The body is equipped with a water storage and recovery system. During operation, the brush disk rotates and sprays water to clean the ground. The rear suction system of the body recovers sewage into the sewage tank to complete the cleaning operation. Features and applications: Powered by maintenance free batteries, it integrates floor cleaning, brushing, spraying, and drying, completing cleaning operations in one go. It is suitable for factories, shopping malls, property management, public transportation, municipal sanitation, and other places, and is an efficient choice to replace manual cleaning!



KX-520 Small Hand-Push Floor Scrubber

Voltage	VDC	24
Brush disk motor power	W	550
Water absorption motor power	W	500
Clear water tank capacity	L	60
Capacity of sewage tank	L	65
Floor washing width	mm	520
Suction width	mm	830
Work efficiency	m ² /h	2000
Battery	V/A	24/100
Charging time	hours	6 - 8
Working time	hours	3 - 4
Dimensions	mm	1270 x 830 x 1075
Net weight	kg	110

Performance Characteristics

- Adopting a thickened roll molded body, it is aesthetically pleasing and resistant to high and low temperatures.
- Powered by maintenance-free lithium batteries.
- Simple touch control panel for more convenient operation.
- Intelligent water outlet system, with one click start by brushing the disk.
- Cast aluminum integrated molding water absorbing handle, with strong water absorbing effect, no tools needed to replace the rubber strip.
- Brush disk motor and suction motor, combined with brand electronic control system, ensure quality assurance



KX-760 Small Driving Scrubbing Floor Scrubber

Voltage / Drive	VDC/W	24 / 500
Forward speed	km/h	6.2
Reverse speed	km/h	3.5
Brush disk motor power	W	2x500
Water absorption motor power	W	550
Clear water tank capacity	L	85
Capacity of sewage tank	L	90
Floor scrubbing width	mm	520
Suction width	mm	830
Work efficiency	m ² /h	5000
Battery	V/A	24/100
Charging time	hours	6 - 8
Working time	hours	3.5 - 4
Dimensions	mm	1360 x 780 x 1230
Net weight	kg	150
Remarks	Single brush	

Performance Characteristics

- Adopting a thickened roll molded body, it is aesthetically pleasing and resistant to high and low temperatures.
- Powered by maintenance-free lithium batteries.
- Simple touch control panel for more convenient operation.
- Automated lifting brush design, intelligent water outlet system, no need for manual control.
- Cast aluminum integrated suction rake with strong water absorption effect, no tools needed to replace the rubber strip.
- Brush disk motor and suction motor, combined with brand electronic control system, ensure quality assurance.



KX-800 Automatic Dual-Brush Floor Scrubber

Voltage / Drive	VDC/W	24 / 500
Forward speed	km/h	6.2
Reverse speed	km/h	3.5
Brush disk motor power	W	2x500
Water absorption motor power	W	550
Clear water tank capacity	L	85
Capacity of sewage tank	L	90
Floor washing width	mm	760
Suction width	mm	1000
Work efficiency	m ² /h	6000
Battery	V/A	24/100
Charging time	hours	6 - 8
Working time	hours	3 - 4
Dimensions	mm	1360 x 780 x 1230
Net weight	kg	170
Remarks	Double brush	

Performance Characteristics

- Adopting a thickened roll molded body, it is aesthetically pleasing and resistant to high and low temperatures.
- Powered by maintenance-free lithium batteries.
- Simple touch control panel for more convenient operation.
- Automated lifting brush design, intelligent water outlet system, no need for manual control.
- Cast aluminum integrated suction rake with strong water absorption effect, no tools needed to replace the rubber strip.
- Brush disk motor and suction motor, combined with brand electronic control system, ensure quality assurance.

KX-860 Medium Sized Driving Double Scrubbing Floor Machine



Voltage / Drive	VDC/W	24 / 500
Forward speed	km/h	6.4
Reverse speed	km/h	4.6
Brush disk motor power	W	2x600
Water absorption motor power	W	650
Clear water tank capacity	L	170
Capacity of sewage tank	L	175
Floor washing width	mm	880
Suction width	mm	1200
Operating efficiency	m ² /h	8500
Battery	V/A	24/200
Charging time	hours	6 - 8
Working time	hours	3.5 - 4
Dimensions	mm	1665 x 1058 x 1340
Net weight	kg	205

Performance Characteristics

- Adopting a thickened roll molded body, it is aesthetically pleasing and resistant to high and low temperatures.
- Powered by maintenance-free lithium batteries.
- Simple touch control panel for more convenient operation.
- Automated lifting brush design, intelligent water outlet system for fully automatic operation without manual control.
- Cast aluminum integrated suction rake with strong water absorption effect, no tools needed to replace the rubber strip.
- Brush disk motor and suction motor, combined with brand electronic control system, ensure quality assurance.



KX-1360 Three Brush Sweeper Machine

Sweeping width	mm	1360
Main brushing length	mm	490
Roller brush motor	W	48V/600W
Drive power	W	48V/650W
Travel speed	km/h	0-14km/h
Control mode	Intelligent control system (timed dust shaking function)	
Overall dimensions	mm	1600 x 1360 x 1200
Working efficiency	m ² /h	8000
Garbage bin capacity	L	80
Water tank capacity	L	60
Fan power	W	500
Charging time	hours	6 - 8
Working time	hours	3 - 4

Performance Characteristics

- Adopting a thickened roll molded body, it is aesthetically pleasing and resistant to high and low temperatures.
- Powered by maintenance-free lithium batteries.
- Simple touch control panel for more convenient operation.
- Automated lifting brush design, intelligent water outlet system for fully automatic operation without manual control.
- Cast aluminum integrated suction rake with strong water absorption effect, no tools needed to replace the rubber strip.
- Brush disk motor and suction motor, combined with brand electronic control system, ensure quality assurance.





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