

MAXUP

Material Handling Solutions

CATALOG WAREHOUSE EQUIPMENT



POWERING YOUR WAREHOUSE

———— KSS Trillion Group ————

HAND PALLET TRUCK CBYC1

- Comfortable rubber handle designed in accordance with ergonomics, ensuring maximum safety and comfort.
- The fork adopts a processing technology of integral stamping, and the surface of the goods is electrostatically sprayed, which is resistant to damage and not easy to color. The width and length are available for selection.
- The oil pump is available in both integral sealed and welded types, with chrome plated piston rods of different sizes and a sturdy structure. The descent speed is controlled, and the valve core is made of integral parts for easy maintenance. There are various types of steering wheels available for users to choose from, including nylon wheels and PU wheels.



(PU Wheel)



(Nylon Wheel)



(Hydraulic pump)



(Handle)

Product detailed parameter

Item /Model	Unit	CBYC1
Rated capacity	kg	3000
Min.fork height	mm	83
Max.fork height	mm	195
Steering wheel	mm	Φ180*50 Nylon / Polyurethane
Load wheel	mm	Φ78*70 Nylon / Φ74*70 Polyurethane
Each fork width	mm	160
Fork outside distance	mm	550/685
Fork length	mm	1150/1220
Net.weight	kg	70-85

HAND PALLET TRUCK CBYC2

- Comfortable rubber handle designed in accordance with ergonomics, ensuring maximum safety and comfort.
- The fork adopts a processing technology of integral stamping, and the surface of the goods is electrostatically sprayed, which is resistant to damage and not easy to color. The width and length are available for selection.
- The oil pump is available in both integral sealed and welded types, with chrome plated piston rods of different sizes and a sturdy structure. The descent speed is controlled, and the valve core is made of integral parts for easy maintenance. There are various types of steering wheels available for users to choose from, including nylon wheels and PU wheels.



(PU Wheel)



(Nylon Wheel)



(Hydraulic pump)



(Handle)

Product detailed parameter

Item /Model	Unit	CBYC2	
Rated capacity	kg	2000	2500
Min.fork height	mm	83	
Max.fork height	mm	195	
Steering wheel	mm	Φ180*50 Nylon / Polyurethane	
Load wheel	mm	Φ78*70 Nylon / Φ74*70 Polyurethane	
Each fork width	mm	160	
Fork outside distance	mm	550/685	
Fork length	mm	1150/1220	
Net.weight	kg	70-85	

FULL - ELECTRIC PALLET TRUCK - EPT15/20

- Imported driving force, strong power.
- 48V maintenance free brushless motor system.
- solid build. no breaking. no bending. no deformation.
- Maintenance free lithium battery, It takes only 65 to replace battery.



(Handle)



(Pull up and replace)



(Cylinder)



Product Detailed parameter

Model		EPT15/20	
Operation type		Walking style	
Rated capacity	kg	1500/2000	
Load center distance	mm	500	
Front overhang	x	960	
Wheel base	y	1196	
Weight	kg	95	
Load per axle (driving/bearing) standard	Laden	kg	850/1245
	Unladen	kg	30651
Wheel material		PU	
Number of wheels		1/4	
Drive wheel size	mm	Ø160*55	
Load wheel	mm	Ø80*70	
Lift height	h3(mm)	110	
Fork height when lowering	h13(mm)	≤83	
Overall length	l1(mm)	1575	
Body length (No forks)	l2(mm)	425	
Fork outer width	b1(mm)	560	
Fork size	s/e/l(mm)	56/160/1150	
Fork outside distance	b3(mm)	560	
Min. ground clearance	mm	23	
Aisle wide for pallets 800x1200 lengthways	Ast(mm)	2051	
Turning radius	mm	1385	
Driving speed laden/unladen	km/h	4.0/4.5	
Lifting speed laden/unladen	mm/s	20/25	
Climbing speed laden/unladen	%	6/20	
Cycling work time	h	≥4	
Service brake		Electromagnetic braking	
Drive motor power	kw	1	
Pump motor power	kw	0.5	
System Voltang	V	48	
Battery capacity	V/Ah	48V/15Ah	
Noise level	dB	≤70	

FULL-ELECTRIC PALLET TRUCK - NPT20

- Imported driving force, strong power.
- 48V maintenance free brushless motor system.
- An integrated battery side pull mechanism that has obtained national patents.
- Adopting a multifunctional intelligent controller and control system, practical and simple .



Product Detailed parameter

Model		NPT20	
Operation type		Walkie style	
Rated capacity	kg	2000	
Load center distance	mm	500	
Front overhang	x	957	
Wheel base	y	1307	
Weight	kg	150	155
Wheel material		PU	
Drive wheel size	mm	Ø160*55	
Load wheel	mm	Ø80*70	
Load wheel center distance	b2(mm)	400	525
Lift height	h3(mm)	105	
Fork height when lowering	h13(mm)	B2+/-2	
Overall length	l1(mm)	1620	
Fork size	s/e/l(mm)	56/160/1150	
Fork outside distance	b3(mm)	560	685
Min.ground clearance	mm	24	
Aisle wide for pallets 800x1200 lengthways	Ast(mm)	1887	1887
Turning radius	mm	1480	1480
Driving speed laden/unladen	km/h	4/4.5	
Lifting speed laden/unladen	mm/s	20/25	
Lowering speed laden/unladen	mm/s	56/46	
Cycling work time	h	≥4	
Service brake		Electeomagnetic braking	
Drive motor power	kw	DC 48V/1KW Brushless	
Pump motor power	kw	DC 48V/0.8KW	
Battery capacity	AH	DC 48V/0.8KW	
		Standard lead-acid battery	25Ah
		Optional lithium battery	20Ah
System Voltang	v	48	
Control type		Electrically controlled	
Noise level	dB	≤70	

FULL - ELECTRIC PALLET TRUCK - PT30

- Imported driving force, strong power.
- 48V maintenance free brushless motor system.
- Adopting a multifunctional intelligent controller and control system, practical and simple.
- The back adopts a thickened baffle for easy maintenance and and can effectively protect the safety of goods.



(Cylinder)



(Gas spring)



(Drive motor)



(Driving Wheel)



Product Detailed parameter

Model		PT30	
Operation type		Walking style	
Rated capacity	kg	3000	
Load center distance	mm	500	
Front overhang	x	1007	
Wheel base	y	1357	
Weight	kg	220	225
Wheel material		PU	
Drive wheel size	mm	Ø210*70	
Load wheel	mm	Ø80*80	
Load wheel center distance	b2(mm)	390	515
Lift height	h3(mm)	105	
Fork height when lowering	h13(mm)	82+/-2	
Overall length	l1(mm)	1700	
Fork size	s/e/l(mm)	60/176/1200	
Fork outside distance	b3(mm)	560	685
Min.ground clearance	mm	24	
Aisle wide for pallets 800x1200 lengthways	Ast(mm)	1919	1919
Turning radius	mm	1508	1508
Driving speed laden/unladen	km/h	4/4.5	
Lifting speed laden/unladen	mm/s	20/25	
Lowering speed laden/unladen	mm/s	56/46	
Cycling work time	h	≥4	
Service brake		Electromagnetic braking	
Drive motor power	kw	DC 48V/1.2KW	
Pump motor power	kw	DC 48V/0.8KW	
Battery capacity	Ah	Standard lead-acid battery	40Ah
System Voltang	V	48	
Control type		Electric controlled	
Noise level	dB	≤70	

FULL-ELECTRIC PALLET TRUCK - PT30-RT

- Thick rubber wheels, easy to cross obstacles.
- Adopting permanent magnet synchronous drive motor, with excellent permanent and low heat generation
- Reliable products are used for important components such as controllers, hydraulic pump stations, switches, and connectors.



(Handle)



(48V Controller)



(Safety baffle)



(4 Rubber wheel)



Product Detailed parameter

		PT30-RT	
Operation type		Walkie style	
Rated capacity	kg	3000	
Load center distance	mm	600	
Front overhang	x	1007	
Wheel base	y	1304	
	kg	280	280
Wheel material		Rubber/Nylon Wheel	
Drive wheel size	mm	Ø300*110	
Load wheel	mm	Ø80*80	
Load wheel center distance	b2(mm)	367	512
	h3(mm)	120	
Fork height when lowering	h13(mm)	85	
Overall length	l1(mm)	1763	
	s/e/l(mm)	57/176/1150	
Fork outside distance	b3(mm)	560	680
Min.ground clearance	mm	26	
Aisle wide for pallets 800x1200 lengthways	Ast(mm)	2322	
Turning radius	mm	2191	
Driving speed laden/unladen	km/h	3.6/4.0	
Lifting speed laden/unladen	mm/s	18/20	
Lowering speed laden/unladen	mm/s	40/30	
Cycling work time	h	≥4	
Service brake		Electromagnetic braking	
Drive motor power	kw	DC 48V/1.8KW Brushless	
Pump motor power	kw	DC 48V/0.8KW	
Battery capacity	AH	Standard lead-acid battery	40Ah
System Voltage	v	48	
Control type		Electrically controlled	
Noise level	dB	≤70	

FULL - ELECTRIC PALLET TRUCK

-CBD20/2.5/30

- Foldable pedal, comfortable and convenient to operate.
- High performance traction with long service life.
- Imported drive wheels with strong power and long service lift.
- Adopting a multifunctional intelligent handle control, the 48V maintenance free brushless motor system is practical and simple.



(Steering motor)



(Handle)



(Controller)



Product Detailed parameter

Model		CBD20	CBD25	CBD30
Operation type		Stand on		
Rated capacity	kg	2000	2500	3000
Load center distance	mm	600		
Configuratioin No	mm	460		
Wheel base	mm	1493		
Wheel material		PU		
Drive wheel size	Ømm	Ø248 x 75		
Load wheel	Ømm	Ø84 x 80		
Balance wheel size	mm	Ø115 x 55		
Max.fork Lifting height	mm	205		
Min.fork lowered height	mm	85		
Fork length	mm	1500/1200		
Fork width	mm	170		
Fork thickness	mm	75		
Overall width	mm	790		
Aisle wide for pallets 800x1200 lengthways	mm	1916/2333		
Overall length	mm	2046/2435		
MAX.traveling Lifting speed laden/unladen	mm	1746/2158		
Min.Turning radius	km/h	6/6		
Lifting speed,laden/unladen	mm/s	30/35		
Lowering speed laden/unladen	mm/s	40/35		
MAX.gradeability,laden/unladen	%	6/16		
Drive motor/Lift motor/Steering motor	kw	AC1.5/DC1.2/DCO.15		
Battery coltage/capacity	Ah	24/270 Lead-acid		
Battery weight	kg	247		
Service weight with battery	kg	831		

FULL - ELECTRIC PALLET TRUCK -TANK15

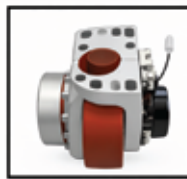
- Option electronic steering system.
- High quality communication drive wheels ensure high performance and reduce maintenance costs.
- In 2016, won the most influential design award in china, the Chinese Design Red Star Award.
- The foldable pedal with rubber lining provides greater flexibility when operation in narrow spaces, and prolongen operation effectively reduces labor intensity



(Steeling guard arm)



(Handle)



(Driving Wheel)



Product Detailed parameter

		TANK 15-16	TANK15-25	TANK15-30
Operation type		Stand-on		
Rated capacity	kg	1500		
Load center distance	mm	500		
Front overhang	mm	715		
Wheel base	mm	1125		
Wheel material		PU		
Balance wheel size	Ømm	Ø110*50*2		
Load wheel size	Ømm	Ø80*70*4		
Drive wheel Dia.	Ømm	Ø210		
Load wheel center distance	mm	523		
Lift height	mm	505		
Load wheel mast height	mm	2080	1750	1990
Lift height	mm	1600	2500	3000
Fork lowest height	mm	≤90		
Overall length	mm	1850		
Body length	mm	443*820		
Fork outside distance	mm	685		
Fork size	mm	62*170*150		
Min.ground clearance	mm	14		
Aisle wide for pallets 800x1200 lengthways	mm	2100		
Turning radius	mm	1940		
Driving speed,laden/unladen	km/h	5/6		
Lifting speed,laden/unladen	m/s	0.043/0.056		
MAX.gradeability, laden/unladen	%	6/12		
Service brake		Electromagnetic braking		
Drive motor power	kw	AC48V/1.2Kw		
Pump motor power	kw	AC48V/1.6Kw		
Battery capacity	Ah	12V60Ah*4/12V70Ah*4		
Battery type		Lead-acid		
Noise level	Db (A)	≤70		

FULL - ELECTRIC STACKER - PSL15

- High performance, large capacity battery, suitable for long-term operation.
- High quality communication drive wheels ensure high performance and low maintenance costs.
- Adopting a multifunctional intelligent handle control, the 48V maintenance free brushless motor system is practical and simple.



(cylinder)



(Handle)



(Driving wheel)



Product Detailed parameter

Model		PSL 15-16	PSL 15-20	PSL 15-25	PSL 15-30	PSL 15-35
Operation type		Walkie				
Lift height	h3(mm)	1600	2000	2500	3000	3500
Rated capacity	q(kg)	1500				
Load center distance	c(mm)	500				
Front overhang	x(mm)	715				
Wheel base	y(mm)	1125				
Weight	kg	480	510	530	550	570
Wheel material		PU				
Balance wheel size ØNo.	Ømm	Ø110*50*1				
Load wheel ØNo.	Ømm	Ø80*70*4				
Driving wheel Dia	Ømm	Ø160				
Balance wheel center distance	A1(mm)	523				
Load wheel center distance	A2(mm)	505				
Lowered mast height	H1mm	2070	1530	1800	2050	2300
Max.mast height in work	H2mm	2070	2520	3020	3520	4020
Lowest height of fork	H3mm	≤90				
Overall length	L1(mm)	1788				
Body length	L2*L4(mm)	443*820				
Fork size	S/E/L(mm)	62/170/1150				
Fork outside distance	L3(mm)	560/685				
Min.ground clearance	H5mm	20				
Aisle wide for pallets 800x1200 lengthways	Ast(mm)	2100				
Turning radius	mm	1520				
Driving speed laden/unladen	km/h	4.0/4.5				
Lifting speed laden/unladen	m/s	0.075/0.09				
MAX.gradeability,laden/unladen	%	6/15				
Drive motor power	kw	DC 48V/1KW Brushless				
Pump motor power	kw	DC 48V/1.6KW				
Battery capacity	V/Ah	48V/40AH				
Battery weight	kg	9*4				
Battery type		Lead-acid				
Noise level	dB(A)	≤70				
Frame type		10H + 10C				
Number of chains		1				

FULL - ELECTRIC STACKER - PSL20

- Imported driving force, strong power.
- 48V maintenance free brushless motor system.
- An integrated battery side pull mechanism that has obtained national patents.
- Adopting a multifunctional intelligent controller and control system, practical and simple .



(Steel pump)



(Handle)



(Driving wheel)



Product Detailed parameter

Model		PSL 20-16	PSL 20-20	PSL 20-25	PSL 20-30	PSL 20-35
Operation type		Walkie				
Lift height	h3(mm)	1600	2000	2500	3000	3500
Rated capacity	q(kg)	2000				
Load center distance	c(mm)	500				
Front overhang	x(mm)	715				
Wheel base	y(mm)	1125				
Weight	kg	520	570	610	640	680
Wheel material		PU				
Balance wheel size ØNo.	Ømm	Ø110*50*1				
Load wheel ØNo.	Ømm	Ø80*70*4				
Driving wheel Dia	Ømm	Ø210				
Balance wheel center distance	A1(mm)	523				
Load wheel center distance	A2(mm)	505				
Lowered mast height	H1mm	2070	1530	1800	2050	2300
Max.mast height in work	H2mm	2070	2520	3020	3520	4020
Lowest height of fork	H3mm	≤90				
Overall length	L1(mm)	1788				
Body length	L2*L4(mm)	443*820				
Fork size	S/E/L(mm)	62/180/1150				
Fork outside distance	L3(mm)	560/685				
Min.ground clearance	H5mm	20				
Aisle wide for pallets 800x1200 lengthways	Ast(mm)	2100				
Turning radius	mm	1520				
Driving speed laden/unladen	km/h	4.0/4.5				
Lifting speed laden/unladen	m/s	0.09/0.125				
MAX.gradeability,laden/unladen	%	6/15				
Drive motor power	kw	DC 48V/1.2KW Brushless				
Pump motor power	kw	DC 48V/2.2KW				
Battery capacity	V/Ah	48V40AH				
Battery weight	kg	9*4				
Battery type		Lead-acid				
Noise level	dB(A)	≤70				
Frame type		12H + 12C				
Number of chains		1			2	

ELECTRIC PEDESTRIAN STACKER

- MUDS3

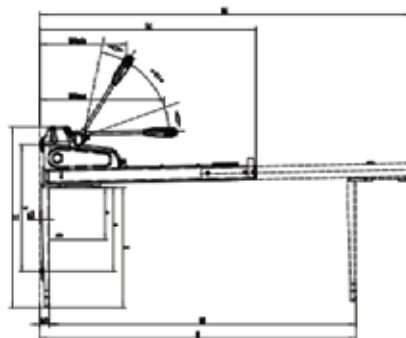
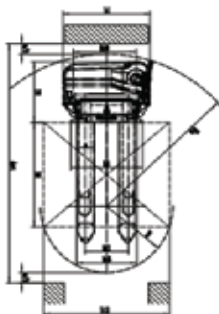
Product Detailed parameter

Manufacturer		EP
Model designation		MUDS3
Drive		Electric
Operator type		Pedestrian
Load capacity	kg	1500
Load center distance	mm	600
Load distance, centre of drive axle to fork	mm	802
Wheelbase	mm	1210
Service weight	kg	530
Axle loading, laden front/rear	kg	625/1405
Axle loading, unladen front/rear	kg	375/155
Tyre type		Polyurethane
Tyre size, front		Ø190×55
Tyre size, rear		Ø74×88
Additional wheels (castor wheels)	mm	Ø125×50
Wheels, number front/rear (x=drive wheels)	mm	1x, 1/2
Tread width, front	b10(mm)	602
Tread width, rear	b11(mm)	420
Max. Lift Height	h(kg)	3018
Retracted mast height	H1mm	2067
Lift height	H3mm	2930
Height, mast extended	H4mm	3532
Height of tiller handle in drive position min./max.	H14mm	760/1140
Lowered height	H13mm	90
Overall length	L1(mm)	1727
Length to face of forks	L2(mm)	577
Overall width	b1/b2(mm)	834
Fork dimensions	S/E/L(mm)	75/170/1150
Fork carriage width	b3(mm)	680
Fork spread	b5(mm)	570
Ground clearance, center of wheelbase	m2(mm)	13
Aisle width for pallets 1000×1200 crossways	Ast(mm)	2302
Aisle width for pallets 800×1200 lengthways	Ast(mm)	2235
Turning radius	Wa(mm)	1470
Travel speed, laden/unladen	km/h	4.0/4.5
Lifting speed, laden/unladen	m/s	0.085/0.13
Lowering speed, laden/unladen	m/s	0.105/0.085
Max. gradeability, laden/unladen	%	3/10
Service brake		Electromagnetic
Drive motor rating S2 60 min	kw	0.75
Lift motor rating at S3 15%	kw	2.2
Battery voltage/nominal capacity	V/Ah	24/80
Battery weight	kg	39
Type of drive control		DC
Steering design		Mechanical
Sound pressure level at the driver's ear	dB(A)	74
Charger output current	A	10

Mast Option

Mast type	Lift height h3 + h13	Height, mast lowered h1	Free lift h2	Height, mast extended h4
2 Standard Mast	mm	mm	mm	
	2518	1817	---	mm
	2718	1917	---	3032
	3018	2067	---	3232
	3318	2217	---	3532
	3618	2367	---	3832
	3918	2517	---	4132

Optional items	MUDS3
Fork dimension	<ul style="list-style-type: none"> ●570*1150○685*1150 ○570*1000○685*1000 ○570*1220○685*1220
Fork lowered height	Inconformity
Fork carriage width	<ul style="list-style-type: none"> ●90
Load wheel type	<ul style="list-style-type: none"> ●680mm○795mm
Load wheel material	<ul style="list-style-type: none"> ●Single
Drive wheel material	<ul style="list-style-type: none"> ●Polyurethane
Battery capacity	<ul style="list-style-type: none"> ●Polyurethane
Charger	<ul style="list-style-type: none"> ●80Ah (Lead acid)○40Ah (Li-ion)
Battery indicator	<ul style="list-style-type: none"> ●24V-10A internal (Lead acid)○24V-15A internal (Li-ion)
Tiller head type	<ul style="list-style-type: none"> ○Without hourmeter
Castor wheels	<ul style="list-style-type: none"> ●Double-grip big tiller head ○ET big tiller head
Vertical tiller creep speed	<ul style="list-style-type: none"> ●Yes and not customized
Speed reduction with elevated mast	<ul style="list-style-type: none"> ●Yes and not customized
Note:	<ul style="list-style-type: none"> ●Standard ○ Optional -





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