



Luctin
Group

Autoelevadores y Grupos Electr6genos

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INNOVALUE & EXCELLENCE

RBS / PBT / PBS
SMALL MATERIAL HANDLING EQUIPMENT





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FEELER FORKLIFT

ADVANTAGES



Smooth and Powerful Drive System

- It adopts well known USA 24V AC motor combined with Italian Reduction Box, with the feature of precise structure, high efficiency, small turning radius and low.
- Dual shock absorbers and shock proof spring are applied to the trucks, the drive wheels on uneven ground have strongly sticky ground ability by which can operate operation can be comfortable.



Most Advanced Control

- The latest AC Electronic Control Technology could support the truck with stable acceleration and sensitive respond ability; the truck could be easily operated even in a very small space.
- Brake restore charging device could prolong another 15% of the battery capacity.
- Travel Speed could be adjusted according to actual need.



Easy Handling

- Steering joystick in the center for easy and simple handling could be operated easily with only one hand.
- Turning angle as 180° could support the minimal turning radius.
- Automatic secure backward button on the top of handle meets the European Safety Norms.

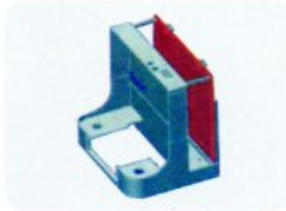


Intelligent system of soft lowering

- Descending cushion intelligently apperceive and slow down automatically when the mast lower to the height as 30mm from the ground, so as to avoid the goods dash the ground, which will protect both the goods and the ground.

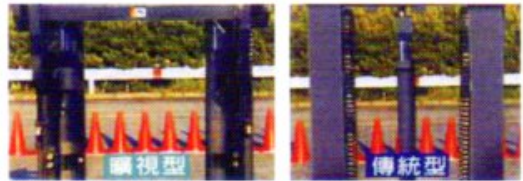
Arc Bodywork

- Excellent Arc Bodywork, safe and hornless. Balance wheels inside the truck body (Standard type) could offer the best security to the operators. Quick removable FRP cover takes double safty and also conveniente for maintenance.



Structure of High Rigidity

- The structure had been done by computer modeling to the best coefficient of safety, also with steel plate of high rigidity and precise welding, which could guarantee the truck in good condition from pressure or strike.



Wide View Mast (H and L series are the standard ones)

- They could offer the operator with 22% more working vision in the front. Besides, the hydraulic cylinders had been moved the both sides, it would be much easier for the operator to learn to working condition.



Overhead guard (option)

- Protect the operator from the falling goods.



Folding Guardrail

- Folding guardrail both sides, could guarantee the operator in good condition when the truck travels or makes corner turn.



Durable Mast

- It adopts the steel of all-in one type imported from German combined with high rigidity rollers and will not wobble even if the mast to the tip top, it could retain the excellent stability. According to the calculation the safety is as 2.8 times as normal ones. Besides, it is durable and easy to operate.



Warning at low voltage Control panels of humanism

- It could change the operation mode automatically to better one when the battery capacity is fewer than 30%.





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RBS REACH TYPE BATTERY STACKER(model RBS)



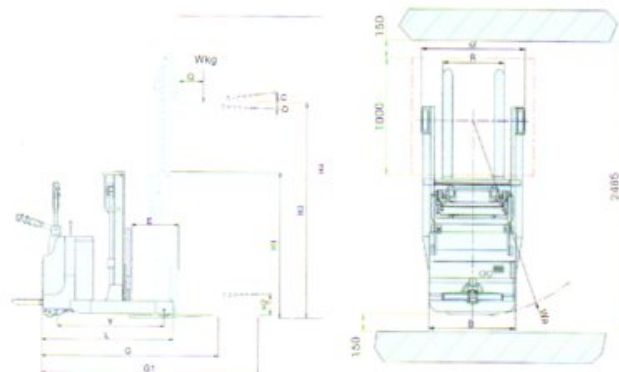
Specification >>>

		RBS-10	RBS-15	RBS-20	
Performance	Model	RBS-10	RBS-15	RBS-20	
	Maximum load capacity	kg	1,000	1,500	2,000
	With load center at	Q mm	500	500	500
	Maximum lifting height	h3 mm	2,500	2,500	2,500
	Free lift	h2 mm	250	250	250
	Reach length	E mm	630	630	630
	Tilting angle(up/down)	∠/∠ degree	3/5	3/5	3/5
	Travel speed (without load)	km/h	6	6	6
	Travel speed (with load)	km/h	5	5	5
	Lifting speed (without load)	mm/s	186	186	186
	Lifting speed (with load)	mm/s	100	100	100
	Minimum turning radius(Without platform)	wa mm	1,710	1,710	1,965
	Maximum turning radius(With platform)	wa1 mm	2,118	2,118	2,118
	Ascend slope ability(With load)		8	5	5
Ascend slope ability(without load)		18	10	10	
Dimensions	Overall length of frame(Mast no reach)	L mm	1,750	1,810	1,810
	Overall length(Mast no reach)	G mm	2,305	2,305	2,305
	Overall length(Mast reach)	G1 mm	2,920	2,920	2,920
	Overall width of frame	R mm	850	850	850
	Overall width	M mm	1,020	1,020	1,020
	Mast lowered height	h1 mm	1,710	1,710	1,965
	Max height(mast lifted with backrest)	h4 mm	3,551	3,551	3,551
	Wheelbase	Y mm	1,345	1,445	1,445
	Fork length		1,070	1,070	1,070
	Fork spread width		200-700	200-700	200-700
Fork lowered height		40	40	40	
Weight(Without battery)	kg	1,300	1,580	2,158	
Tire	Front wheel		φ 180*55	φ 220*55	φ 220*55
	Drive wheel		φ 230*75	φ 230*75	φ 230*75
	Caster wheel		φ 140*60	φ 140*60	φ 140*60
Electrical Components	Drive motor	Type	AC series motor		
		Rated output	kw	1.5	1.5
Battery	Hoist motor	Type	DC series motor		
		Rated output	kw	3	3
Battery	Voltage		24	24	24
	Capacity	Ah	270	270	270
Battery	Weight	kg	260	260	260

Options:

*Anti-freezing -35 Celsius Degree, fork length, fork width, fork thickness, side guard, over-head guard, lamp, flash light, framework for battery change.

mm



Mast Specification >>>

Mast Type	Max.Fork Height(TOF)	Mast Lowered	Mast Extended w/Std LBR Free	Lift(TOF) w/Std LBR
Type 1 □ Shape, LBR Motor □ Shape, LBR Free Lift	2000	1460	3030	280
	2500	1710	3530	280
	3000	1960	4030	280
	3500	2210	4530	280
	4000	2460	5030	280
Type 2 □ Shape, DC Motor □ Shape, DC LBR	3000	1470	4020	1010
	3500	1630	4500	1170
	4000	1810	5040	1350
	4500	1970	5520	1510
	5000	2150	6060	1690
	5500	2310	6540	1985
6000	2470	7020	2010	





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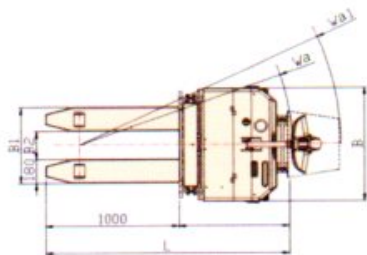
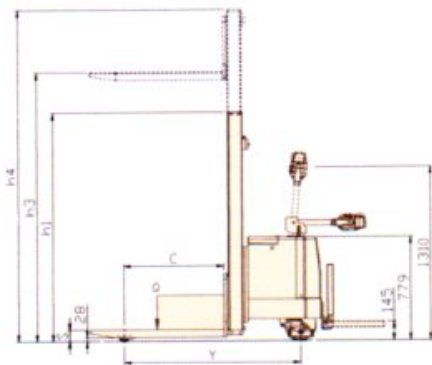
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FEELER FORKLIFT

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PBS-10.12.16

BATTERY PALLET STACKER
(model PBS-10e/12e/16e)

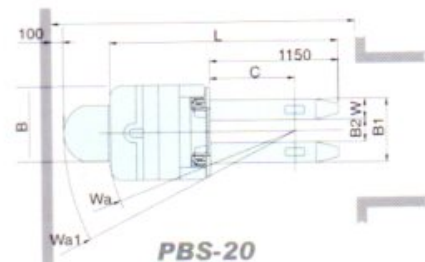
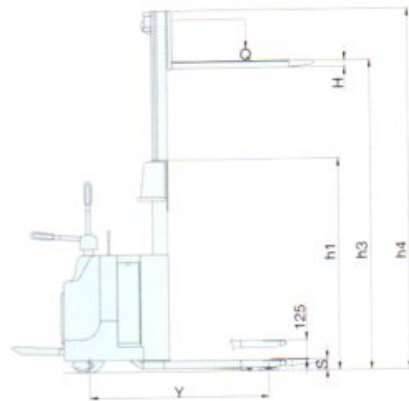


PBS-10.12.16



PBS-20

BATTERY PALLET STACKER(model PBS-20N)



PBS-20





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Specification >>>		PBS-10e	PBS-12e	PBS-16e	PBS-20N	
Performance	Model	PBS-10e	PBS-12e	PBS-16e	PBS-20N	
	Maximum load capacity	kg	1,000	1,200	1,600	2,000
	With load center at	Q mm	500	500	500	800
	Maximum lifting height	h3 mm	2,500	2,500	2,500	2,500
	Travel speed (without load)	km/h	6	6	6	6
	Travel speed (with load)	km/h	5	5	5	5
	Lifting speed (without load)	mm/s	160	160	160	164
	Lifting speed (with load)	mm/s	90	90	90	88
	Minimum turning radius(Without platform)	wa mm	1,550	1,550	1,550	1,697
	Maximum turning radius(With platform)	wal mm	1,935	1,935	1,935	2,082
Dimensions	Ascend slope ability(With load)		7	7	7	7
	Ascend slope ability(Without load)		16	16	16	18.1
	Overall length of frame	L mm	1,828	1,828	1,828	2,065
	Overall width of frame	B mm	850	850	850	850
	Mast lowered height	h1 mm	1,740	1,740	1,740	1,715
	Max height(mast lifted with backrest)	h4 mm	2,950	2,950	2,950	2,925
	Wheelbase	Y mm	1,307	1,307	1,307	1,450
	Fork length	mm	1,000	1,000	1,000	1,150
	Fork width(1)	B1 mm	680	680	680	692
	Fork width(2)	B1 mm	570	570	570	582
Tire	Fork width(1)	B2 mm	320	320	320	308
	Fork width(2)	B2 mm	210	210	210	198
	Fork lowered height	S mm	90	90	90	90
	Weight(Without battery)	kg	860	860	860	940
	Front wheel	mm	φ 85*60	φ 85*60	φ 85*60	φ 85*60
	Drive wheel	mm	φ 230*75	φ 230*75	φ 230*75	φ 230*75
	Caster wheel	mm	φ 140*60	φ 140*60	φ 140*60	φ 140*60
	Electric Components	Drive motor Type	AC series motor	AC series motor	AC series motor	AC series motor
		Rated output	kw	1.5	1.5	1.5
	Battery	Hoist motor Type	DC series motor	DC series motor	DC series motor	DC series motor
Rated output		kw	2	2	2	3
Voltage		V	24	24	24	24
	Capacity	Ah	210	210	210	240
	Weight	kg	180	180	180	220

Options:

*Anti-freezing -35 Celsius Degree, fork length, fork width, fork thickness, side guard, over-head guard, lamp, flash light, framework for battery change

*Movable forks, wrought forks, width between the forks, side guard, over-head guard, lamp, flash light, framework for battery change

mm

Mast Specification >>>		Max.Fork Height (TOF)						Mast Lowered			Mast Extended			Free L+ft (TOF)				
Mast Type		PBS10e	PBS12e	PBS16e	PBS16	PBS20	PBS10e	PBS12e	PBS16e	PBS16	PBS20	PBS10e	PBS12e	PBS16e	PBS16	PBS20	PBS16	PBS20
SIMPLEX MAST (2 Stage)	2000		2000	2000	2000		1480	1510	1460			2440	2470	2425				
	2500		2500	2500	2500		1760	1760	1715			2970	2970	2925				
	3000		3000	3000	3000		1980	2010	1965			3440	3470	3425				
	3500		3500	3500	3500		2230	2260	2215			3940	3970	3925				
DUPLEX MAST (3 Stage, Full Free Lift)	4000		4000	4000	4000		2510	2510	2465			4470	4470	4425				
					2000				1460					2425		1050		
					2500				1715					2925		1300		
					3000				1965					3425		1550		
					3500				2215					3925		1800		
TRIPLEX MAST (3 Stage, Full Free Lift)					4000				2465					4425		2050		
					3000				1495					3475		1080		
					3500				1240					3965		1240		
					4000				1825					4465		1410		
					4500				1985					4945		1570		
				5000				2155					5455		1740			
				5500				2315					5935		1900			
				6000				2475					6415		2060			





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FEELER FORKLIFT

PBT and Walk Type BATTERY PALLET TRUCK(model PBT)



PBT-20A



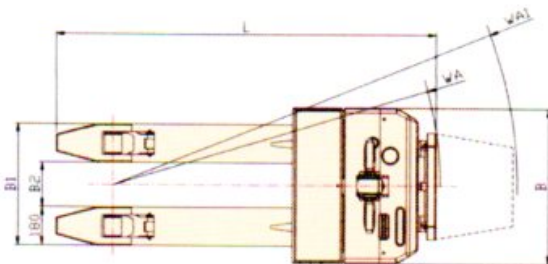
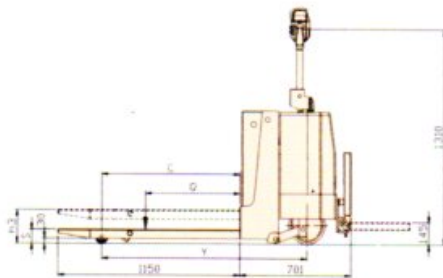
Specification >>>

		PBT-20	PBT-30	PBT-40		
Performance	Model	PBT-20	PBT-30	PBT-40		
	Maximum load capacity	kg	2,000	3,000	4,000	
	With load center at	Q mm	600	600	600	
	Maximum lifting height	h3 mm	205	205	205	
	Travel speed (without load)	km/h	5	5.5	4	
	Travel speed (with load)	km/h	4.5	5	4.5	
	Lifting speed (without load)	mm/s	50	50	50	
	Lifting speed (with load)	mm/s	40	40	35	
	Minimum turning radius(Without platform)	wa mm	1,655	1,655	1,655	
	Maximum turning radius(With platform)	wa1 mm	2,040	2,040	2,040	
Dimensions	Ascend slope ability(With load)	%	7	5	4	
	Ascend slope ability(without load)	%	12	12	10	
	Overall length of frame	L mm	1,850	1,850	1,850	
	Overall width of frame	B mm	742	742	742	
	Wheelbase	Y mm	1,410	1,410	1,410	
	Fork length	mm	1,150	1,150	1,150	
	Fork width(1)	B1 mm	690	692	692	
	Fork width(2)	B1 mm	570	582	582	
	Fork width(1)	B2 mm	320	308	308	
	Fork width(2)	B2 mm	210	198	198	
Tire	Fork lowered height	S mm	85	85	85	
	Min.intersecting aisle width	Asts mm	2,010	2,010	2,010	
	Weight(Without battery)	kg	480	550	600	
	Front wheel	mm	φ 85*60	φ 85*60	φ 85*60	
	Drive wheel	mm	φ 230*75	φ 230*75	φ 230*75	
	Caster wheel	mm	φ 140*60	φ 140*60	φ 140*60	
	Drive motor	Type	AC series motor	AC series motor	AC series motor	
		Rated output	kw	1.5	1.5	1.5
		Hoist motor	Type	DC series motor	DC series motor	DC series motor
	Rated output		kw	2	2	2
Battery	Voltage	V	24	24	24	
	Capacity	Ah	210	210	210	
	Weight	kg	180	180	180	

Options:

*Anti-freezing -35 Celsius Degree, fork length, fork width, fork thickness, side guard

Model	Load capacity	Overall length	Chassis length	Overall width	Overall height	Lifting height	Drive tuning radius	Right Angle Stackable	Equal intersecting	Fork over all width	Fork width	Battery	Battery size
kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	AH	mm
FEELER PBT15	1500	1696	546	730	807	125	1550	1810	1480	170	670	175	603-224-982
FEELER PBT18	1800	1696	546	730	807	125	1550	1810	1480	170	670	175	603-224-982
FEELER PBT20	2000	1696	546	730	807	125	1550	1810	1460	170	670	175	603-224-982





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SHS

SAMI-POWERED HAND STACKER(SHS)



Specification >>>

		SHS-10	SHS-10-1
Performance	Model		
	Maximum load capacity	Kg 1, 000	1, 000
	With load center at	Q mm 450	450
	Maximum lifting height	h3 mm 2, 500	3, 000
Dimensions	Minimum turning radius	wa mm 1, 350	1, 350
	Overall length of frame	L mm 1, 450	1, 450
	Overall width of frame	B mm 740	740
	Overall width of front support leg	mm 690	690
	Mast lowered height	h1 mm 1, 780	2, 000
	Max.mast w/ backrest height	h4 mm 3, 030	3, 530
	Fork length	mm 900	900
	Fork width(Single)	mm 150	150
	Fork lowered height	S mm 90	90
	Weight(Without battery)	kg 320	370
Tire	Front wheel	mm 80*70	80*70
	Caster wheel	mm 180*50	180*50
Hoist motor	Type	DC series motor	DC series motor
	Rated output	kw 1.5	1.5
Battery	Voltage	V 12	12
	Capacity	12v*120AH	12v*120AH

SHOP

SAMI-POWERED ORDER PICKER (SHOP)



Specification >>>

		SHOP-02	SHOP-03	
Performance	Model			
	Maximum load capacity	Kg 200	200	
	Maximum lifting height	Q mm 2, 500	3, 000	
	Lifting speed	mm 10-14	10-14	
Dimensions	Descending speed	mm 6-9	6-9	
	Overall length of frame	L mm 1, 285	1, 285	
	Overall width of frame	B mm 750	750	
	Height of frame	mm 1, 742	1, 992	
	Table size	mm 600*600	600*600	
	Weight(Without battery)	kg 247	247	
	Tire	Front wheel	mm 180*50	180*50
		Caster wheel	mm 180*50	180*50
	Hoist motor	Type	DC series motor	DC series motor
		Rated output	kw 1.5	1.5
Battery	Voltage	v 12	12	
	Capacity	12v*120AH	12v*120AH	

HPT

HAND PALLET TRUCK (HPT)



Specification >>>

		HPT-20	HPT-25	HPT-30
Dimensions	Model			
	Total lift height(h)	mm 1200	190,200	
	Lowered fork height(s)	mm 480	75,85	
	Fork Length(L)	mm 1150,1220		
	Width over the forks(B)	mm 540,685		
	Fork width(l)	mm 180		
	Steering wheel	mm 200*50		
	Load wheel single/tandem	74*93mm/74*70mm/80*93/80*70mm		
	Capacity	2000kg 2500kg 3000kg		
	Truck weight	79kg 82kg 89kg		

1. Materials and specification are specification are subject to change without notice
2. Special fork length are available:800,900,950,1000,1100,1300,1500,2000mm
- 3.forks of stainless steel





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Tilt Function of Forks Stackers
PBS-10-30



Electric lift table



Hydraulic electric
turnover barrel
machine



TF Hydraulic life table



Barrel cart



Self-propelled Scissor Aerial
Work Platform



Alleyway-like and three-direction
stow gantry



Barrel cart



Hydraulic hand stacker



Double Mast Aerial Work Platform



Storage Rack Systems



Plastic Pallet



oil barrel transports cart
Barrel calmping

