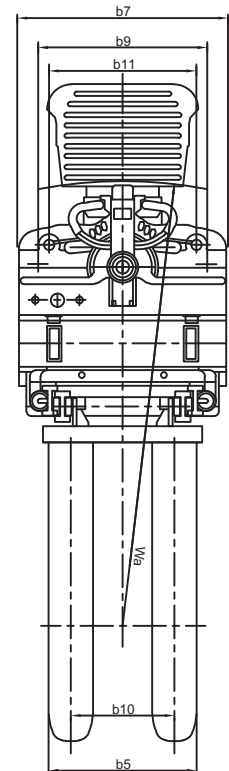
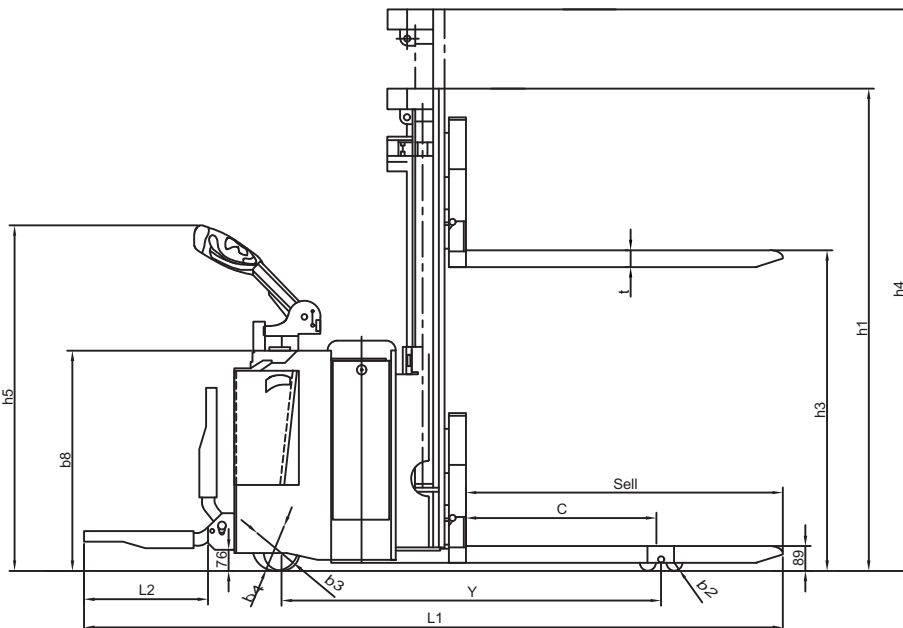


Power Stacker

FIPL-PST-119



Power Stacker

characteristics	1.1	Model		PST12-30	PST15-30	PST20-30	PST15-45	PST20-45	PST12-F25/30/33	PST15-F25/30/33	PST20-F25/30/33	
	1.2	Mast Type		Duplex			Triplex		Duplex mast & free lift			
	1.3	Mast profile		H model			H model		H model			
	1.4	Type of drive		Full Electric			Full Electric		Full Electric			
	1.5	Operator type		Rider			Rider		Rider			
	1.6	Q	Capacity	kg	1200	1500	2000	1500	2000	1200	1500	2000
	1.7	C	Load center	mm	600	600	600	600	600	600	600	600
	1.8	Y	Wheel base	mm	1380	1380	1395	1395	1395	1380	1380	1395
	1.9		Electric power steering(EPS)					standard equipped				

weight	2.1	Service weight without battery	kg	720	880	920	1170	920	610/780/880	840/940/990	880/980/1030
	2.2	Service weight with battery	kg	930	1090	1380	1380	1380	820/990/1090	1050/1150/1200	1090/1190/1240

wheel	3.1	wheel type		PU	PU	PU	PU	PU	PU	PU	PU
	3.2	b ²	Size of front wheels	mm	φ78	φ78	φ78	φ78	φ78	φ78	φ78
	3.3	b ³	Size of rear wheels	mm	φ124	φ124	φ124	φ124	φ124	φ124	φ124
	3.4	b ⁴	Size of drive wheels	mm	φ230	φ230	φ230	φ230	φ230	φ230	φ230
	3.5		Wheels quantity	pcs	1/2/4						

chassis	4.1	h ₁	Mast lower height		2045			2075	2075	1795/2045/2195		
	4.2	h ₄	Mast extend height	mm	3540			5096	5096	3035/3535/3835		
	4.3	l ₁	Overall length (with platform)	mm	2540			2525	2525	2460	2460	2460
	4.4		Overall length (without platform)	mm	2140			2125	2125	2060	2060	2060
	4.5	b ₁ ,b ₂	Rear body width	mm	800	800	850	800/850 (h ₃ ≥ 5000mm :850mm)	850	800	800	850
	4.6	l ₂	Rear body length	mm	585	585	585	585	585	585	585	585
	4.7	B	Overall width	mm	800	800	990	940 (h ₃ ≥ 5000mm :990mm)	990 (h ₄ ≥ 5000mm :1100mm)	800	800	990
	4.8	H ₅	Height of tiller arm in drive position min./max.	mm	1030-1200							
	4.9	b ₆	Rear body height	mm	800	800	800	800	800	800	800	800

specifications	5.1	b ₇	Clearance	mm	40	40	40	40	40	30	30	40
	5.2	Slell	Fork length	mm	1150	1150	1150	1150	1150	1150	1150	1150
	5.3	b ₅	Overall fork width	mm	540/560/580/680							
	5.4	W ₆	Min.Turning radius	mm	1637	1637	1637	1650	1650	1637	1637	1637
	5.5	b ₂	Lowered height of fork	mm	90	90	90	90	90	70	70	70
	5.6	E	Fork width	mm	170	170	185	170	185	170	170	185
	5.7	h ₃	Lifting height	mm	3000	3000	3000	4500	4500	2500/3000/3300		
	5.8	H	Freelift height	mm				2026	2026	1320/1570/1720		
	5.1		Aisle width (800*1200mm pallet): horizontal/vertical	mm	2530	2530	2530	2575	2575	2530	2530	2530
	5.1		Aisle width (1000*1200mm pallet): horizontal/vertical	mm	2600	2600	2600	2635	2635	2600	2600	2600

performance	6.1	Travel speed	laden	km/h	5	5	5	5	5	5	5	5	
			unladen	km/h	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
	6.2	Lift speed	laden	mm/s	58	58	58	58	58	58	58	58	58
			unladen	mm/s	148	148	148	148	148	148	148	148	148
	6.3	lower speed	laden	mm/s	145	145	145	145	145	145	145	145	145
			unladen	mm/s	80	80	80	80	80	80	80	80	80
6.4	Gradeability	laden	%	5	5	5	5	5	5	5	5	5	
		unladen	%	7	7	7	7	7	7	7	7	7	

driving system	7.1	Brake type		electromagnetic							
	7.1	Drive motor	kw	1.5(vertical motor+EPS)							
	7.2	Lift motor	kw	3							
	7.3	Battery voltage/capacity	V/Ah	24V 150/210/280/340Ah							
	7.4	Battery weight	kg	210							
	7.5	Battery size	mm	790×210×576							
7.6	Control system		1230-2402(CURTIS)								

Note: There may be any specification/dimensional change. If these specifications are critical, the proposed application should be discussed.