

**Pedestrian pallet stacker
with ride on option**

The PF09 is a pedestrian forklift stacker with ride on option. Rated load capacity is 900kg. The max lifting height is 3000mm. This machine is small and cost effective, perfect for use over flat ground, second floors and containers.

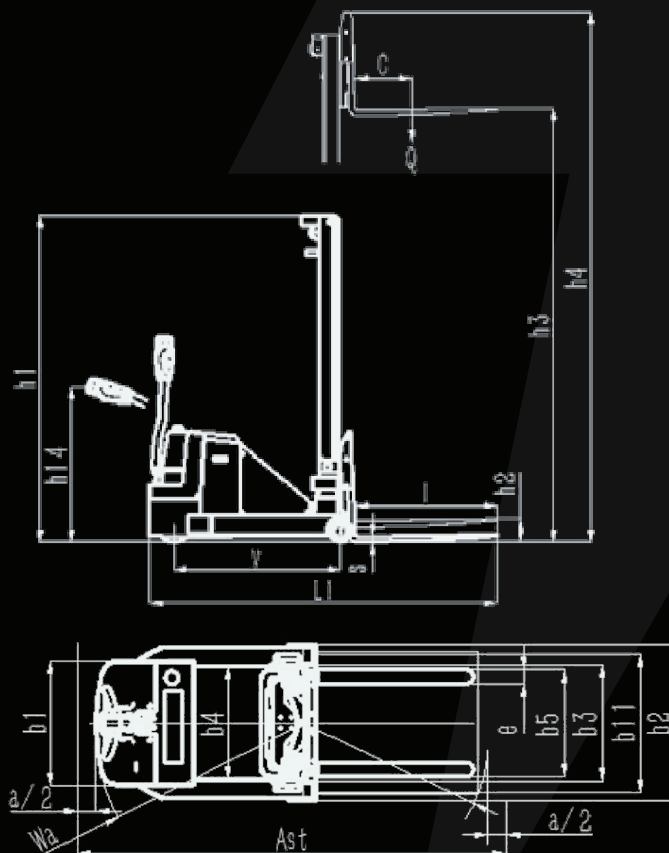
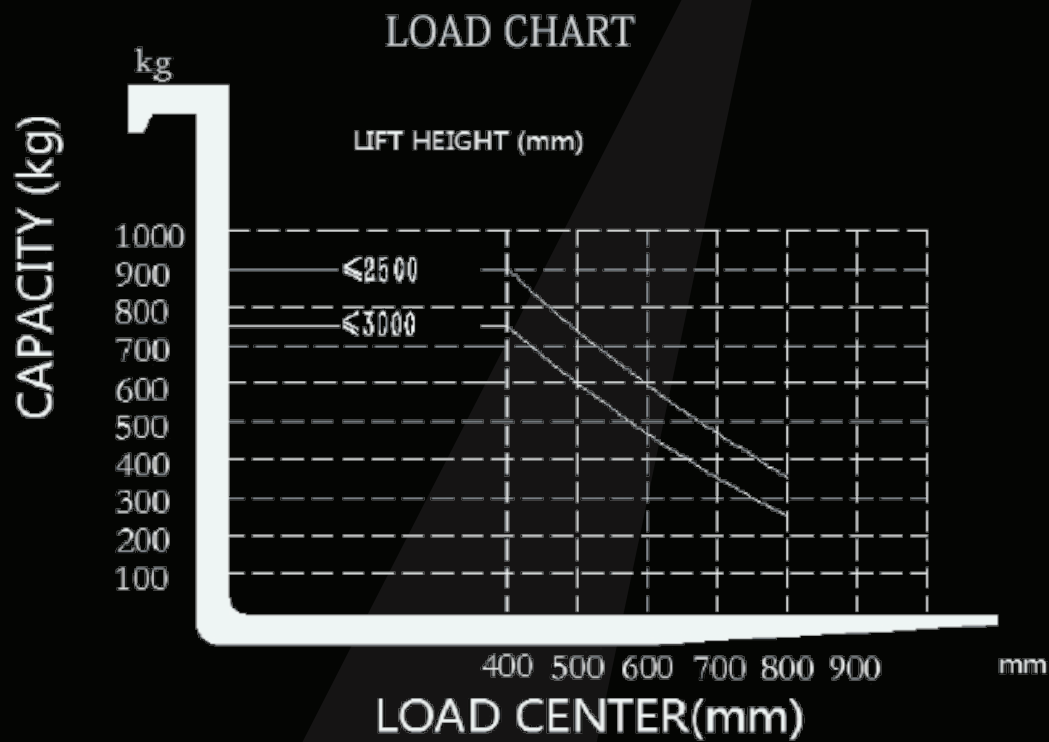
- Uses 30% less energy than a typical forklift
- Water and dust resistance enables outdoor use.
- Works with all pallet types.



PF09 Product Specification

Standard					
1.1	Brand		Kelvin	Kelvin	Kelvin
1.2	Model		PF09 1.6m lift height	PF09 2m lift height	PF09 2.5m lift height
1.3	Power type		Battery	Battery	Battery
1.4	Operation type		Walkie	Walkie	Walkie
1.5	Rated capacity	Q(kg)	900	900	900
1.6	Load center	C(mm)	400	400	400
1.7	Front overhang	x(mm)	80	80	80
1.8	Wheelbase	y(mm)	1150	1150	1150
Weight					
2.1	Service weight (incl. battery)	kg	1100	1140	1160
2.2	Axle capacity with no load, drive side/load side	kg	600/500	600/540	600/560
2.3	Axle capacity with full load, drive side/load side	kg	220/1780	224/1816	227/1833
2.3	Axle capacity with full load, drive side/load side	kg	220/1780	224/1816	227/1833
Wheel					
3.1	Wheel type		PU	PU	PU
3.2	Load wheel	mm	φ140x100	φ140x100	φ140x100
3.3	Drive wheel	mm	φ210x70	φ210x70	φ210x70
3.4	Number of wheels, front/rear (x=drive wheel)		2/1x	2/1x	2/1x
3.5	Wheel tread, load side	b11(mm)	775	775	775
Size					
4.1	Mast closed height	h1(mm)	2100	1495	1745
4.2	Free lift height	h2(mm)	1600	/	/
4.3	Lift height	h3(mm)	1600	2000	2500
4.4	Mast extended height with load-backrest	h4(mm)	2200	2600	3100
4.5	Overall length	L1(mm)	2235	2235	2235
4.6	Overall width	b1/b2(mm)	700/875	700/875	700/875
4.7	Fork size	l/e/s(mm)	850/100/35	850/100/35	850/100/35
4.8	Fork-carriage width	b3(mm)	650	650	650
4.9	Fork outside width	b5(mm)	220-600	220-600	220-600
4.10	Inner leg width	b4(mm)	625	625	625
4.11	Handle height	h14(mm)	820-1150	820-1150	820-1150
4.13	Mast ground clearance	(mm)	50	50	50
4.14	Aisle width for pallet 1000*1200mm	Ast(mm)	2740	2740	2740
4.15	Aisle width for pallet 800*1200mm	Ast(mm)	2850	2850	2850
4.16	Turning radius	Wa(mm)	1300	1300	1300
Function					
5.1	Driving speed (load/unload)	km/h	3/3.5	3/3.5	3/3.5
5.2	Lifting speed (load/unload)	mm/s	145/215	145/215	145/215
5.3	Lowering speed (load/unload)	mm/s	105/105	105/105	105/105
5.4	Max. gradeability (load/unload)(S2-5min)	%(tanθ)	3/5	3/5	3/5
5.5	Brake type		Electromagnetic	Electromagnetic	Electromagnetic
Drive					
6.1	Driving motor (S2-60min)	kw	0.75	0.75	0.75
6.2	Lifting motor (S3-15%)	kw	2	2	2
6.3	Battery voltage/capacity	V/Ah	24/100	24/100	24/100
6.4	Battery weight	kg	65	65	65
6.5	Steering System		Mechanical	Mechanical	Mechanical
6.6	Side shift option		Not Available	Not Available	Not Available
6.7	Tilt shift option		Not Available	Not Available	Not Available
6.8	Flip down ride on platform option		Available	Available	Available

PFog Product Specification



Suitable for open and closed pallets



IP65 waterproof 3 pin plug type charger included





www.kelvinengineering.co.uk

Kelvin Engineering Ltd.
Field View Business Centre, Surrey,
Newchapel Rd, Lingfield RH7 6LE

Telephone:
Sales and Service: 01342 832 101
Head Office: 01342 832101