

**Pedestrian pallet stacker  
with ride on option**

The PF20 is a pedestrian forklift stacker with ride on option. Rated load capacity is 2000kg. The max lifting height is 5500mm. 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.

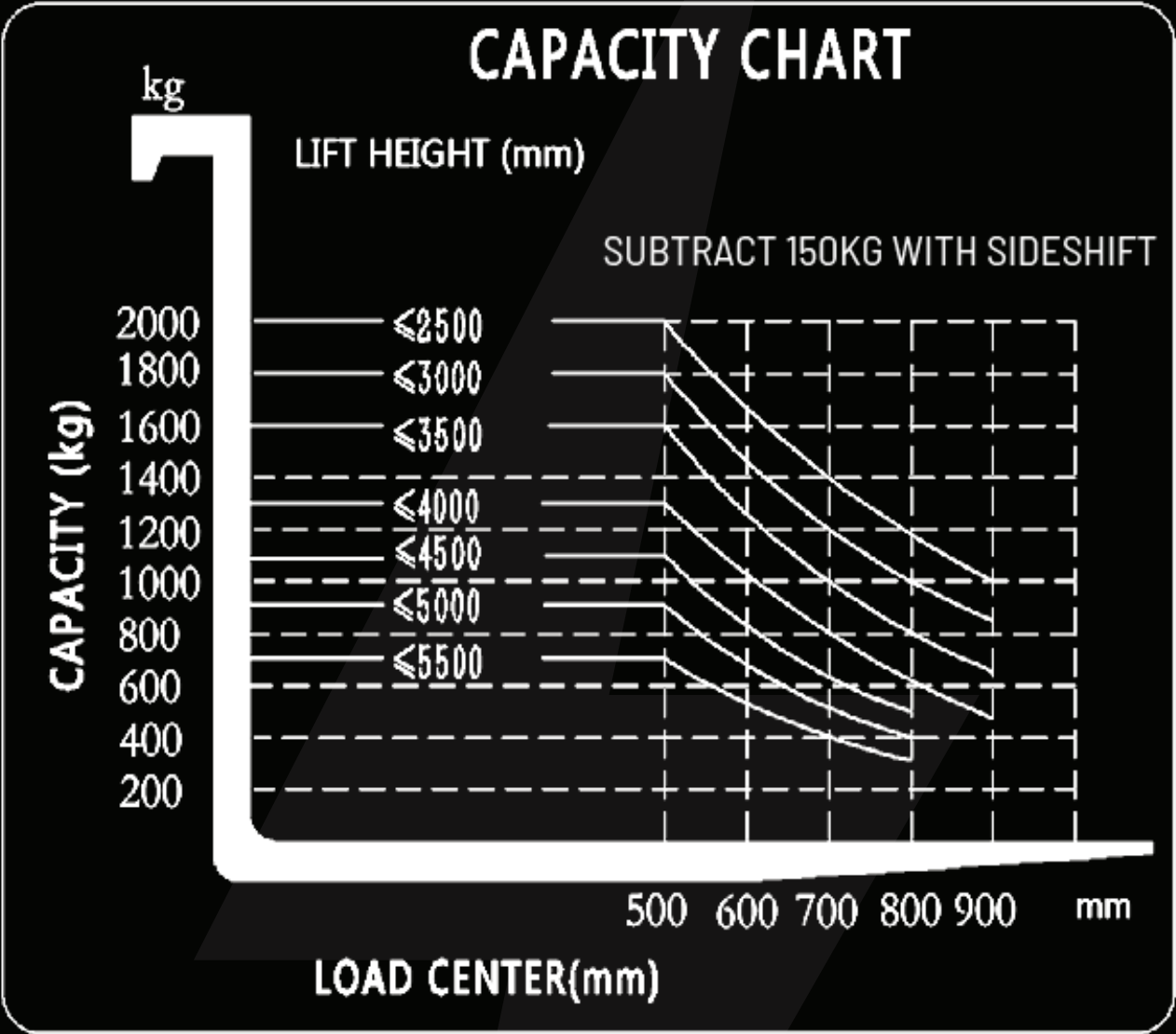


*Turning Radius 1730mm*

# PF20 Product Specification

Standard			
1.1	Brand	KELVIN	KELVIN
1.2	Model	PF20 (Double cylinder duplex mast)	PF20 (Triplex full free mast)
1.3	Power type	Battery	Battery
1.4	Operation type	Stand on	Stand on
1.5	Rated capacity	Q(kg)	2000
1.6	Load center	C(mm)	500
1.7	Wheelbase	y(mm)	1450
Weight			
2.1	Service weight(incl. battery)	kg	2550
2.1	Service weight(incl. battery)	kg	2750
Wheel			
3.1	Wheel type	PU	PU
3.2	Load wheel	mm	φ210x55
3.3	Drive wheel	mm	φ254x100
3.4	Number of wheels, front/rear(x=drive wheel)		4/1x
3.5	Wheel tread, load side	b11(mm)	906
Size			
4.1	Tilting	$\alpha/\beta^\circ$	/ (Mast tilting)
4.2	Mast closed height	h1(mm)	Refer to the mast specification
4.3	Free lift height	h2(mm)	Refer to the mast specification
4.4	Lift height	h3(mm)	Refer to the mast specification
4.5	Mast extended height with load-backrest	h4(mm)	Refer to the mast specification
4.6	Overall length	L1(mm)	2990
4.7	Overall width	b1/b2(mm)	900/1190
4.8	Fork size	l/e/s(mm)	1070/122/40
4.10	Fork outside width	b5(mm)	264-732
4.12	Handle height	(mm)	1045/1465
4.13	Mast ground clearance	(mm)	80
4.14	Aisle width for pallet 1000*1200mm pedal off	Ast(mm)	3150
4.15	Aisle width for pallet 800*1200mm pedal off	Ast(mm)	3270
4.16	Turning radius (pedal off)	Wa(mm)	1730
Function			
5.1	Driving speed(load/unload)	km/h	5.5/6
5.2	Lifting speed(load/unload)	mm/s	100/140
5.3	Lowering speed(load/unload)	mm/s	100/95
5.4	Max. gradeability(load/unload)(S2-5min)	%(tanθ )	6/10
5.5	Brake type	Electromagnetic	Electromagnetic
Drive			
6.1	Driving motor(S2-60min)	kw	2.5
6.2	Lifting motor(S3-10%)	kw	3
6.3	Battery voltage/capacity	V/Ah	24/270(Side pull)
6.4	Battery weight	kg	235
6.5	Steering system	EPS	EPS
.	Side shift option	Not Available	Not Available
.	Tilt shift option	Available	Available
.	Flip down ride on platform option	Available	Available

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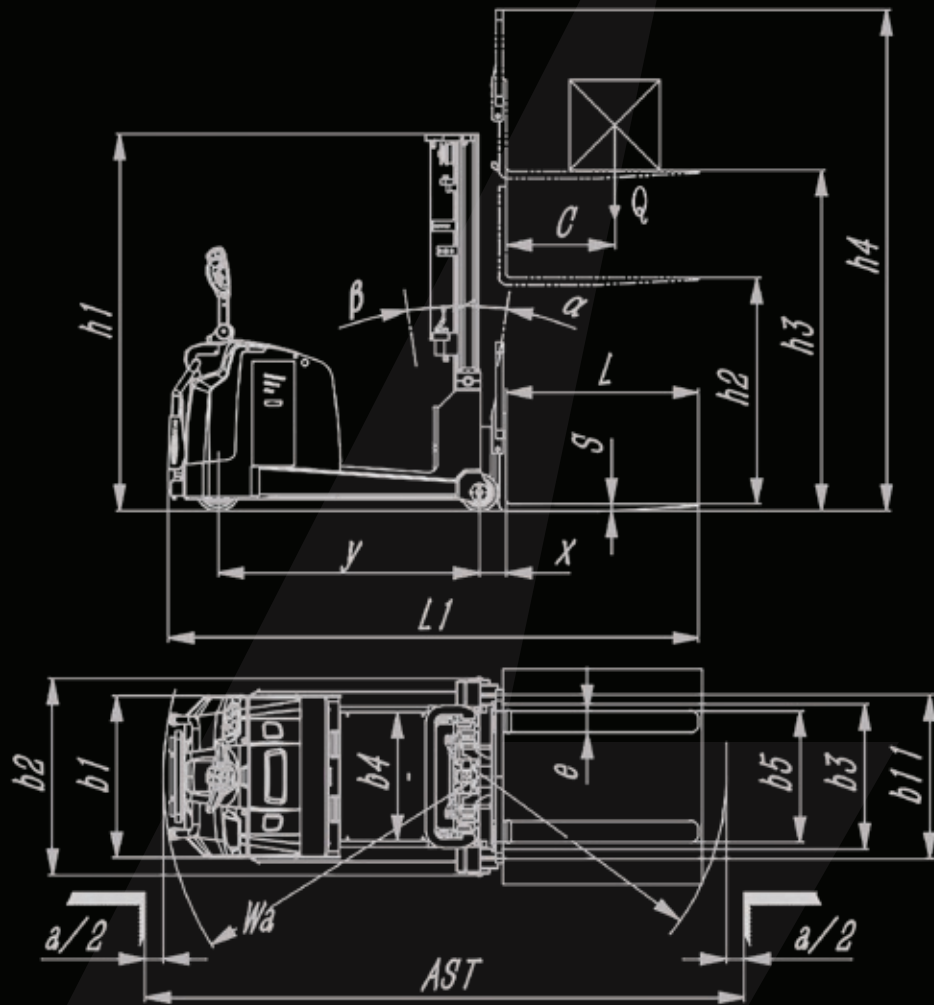
single cylinder and duplex mast

Lift height options	h3	mm	1600	2500	3000	3500	4000	4500
Mast closed height	h1	mm	2100	1770	2020	2270	2570	2820
Mast extended height	h4	mm	2500	3435	3935	4435	4935	5435

Triplex full free mast

Lift height options	h3	mm	4000	4500	5000	5500
Mast closed height	h1	mm	1934	2100	2266	2432
Free lift height	h2	mm	989	1155	1321	1487
Mast extended height	h4	mm	4935	5435	5935	6435

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Suitable for open and closed pallets



IP65 waterproof  
3 pin plug type  
charger included







[www.kelvinengineering.co.uk](http://www.kelvinengineering.co.uk)

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