

# PS05F

## Self-lift Stacker

### Rated load 500kg

▪ Self-lift Stacker

Application Video

Please find the application video for the PS05F at <http://www.noblelift.com>



### PS05F Self-lift Stacker

Self-lift Stacker (or “Flying” Stacker) is an innovation and unique choice for delivery of goods, one product can replace your Tail-lift, Hand Pallet Truck, Stacker, Ramp and Swing lift. It is easy and quick to transport, by loading itself into your Van, Pick-up, Lorry, or Trailer (with or without a load on the forks), so that there will be no unloading or reloading problems at your destination, which increases the efficiency significantly and makes the deliveries easier and faster.

### PS05F

#### Advantage

- Multi-purpose functions with its unique Self-Lift design, it is so convenient to travel with the vehicle to serve for different purposes.
- Unique design to ensure the stacker can lift itself safely without a load on its forks.
- The Noblelift 12V/42Ah maintenance-free battery for stable performance and easy service and maintenance.
- High performance pump unit gives fast and stable lift and low noise.



### Operation flow

1 Push the pallet into the lorry



2 Check the position of truck



3 Lift the truck from the ground surface



4 Remove the pin



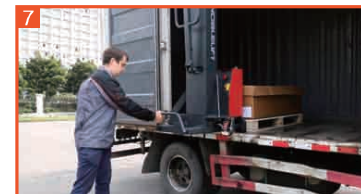
5 Pull out supporting legs



6 Continue to lift the truck



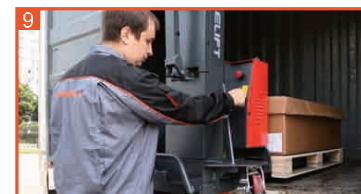
7 Push back supporting legs



8 Install the pin



9 Lift the load and push the truck inside

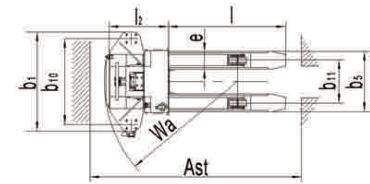
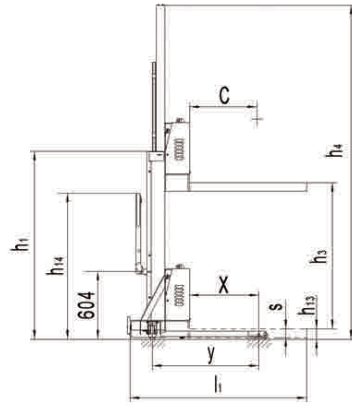




Tiller with lifting /lowering button



Reliable protection for wires



Easy maintenance



Built in charger

Built-in Charger for easy charging between deliveries on the vehicles.



Emergency switch



Castors with brakes

Wheel protection as well as foot brake to make sure the stacker travels with the vehicle safely.

Type sheet for industrial truck acc. to VDI 2198

Distinguishing mark	PS 05F-1300		PS 05F-800	
	Manual	Pedestrian	Manual	Pedestrian
1.2	Manufacturer's type designation		PS 05F-1300	PS 05F-800
1.3	Power (battery ,diesel, petrol, gas, manual)		Manual	Manual
1.4	Operator type		Pedestrian	Pedestrian
1.5	Load Capacity / rated load	Q (t)	0.5	0.5
1.6	Load centre distance	C (mm)	500	500
1.8	Load distance ,centre of drive axle to fork	X (mm)	618	618
1.9	Wheelbase	Y (mm)	951	951
2.1	Service weight	kg	303	277
2.2	Axle loading, laden front/rear	kg	237/566	225/552
2.3	Axle loading, unladen front/ rear	kg	175/128	163/114
3.1	Tires		Polyurethane (PU)	Polyurethane (PU)
3.2	Tire size, front	x w	128 x 40	128 x 40
3.3	Tire size, rear	x w	74 x 60	74 x 60
3.5	Wheels, number front/rear(x=driven )		2/4	2/4
3.6	Tread, front	b10 (mm)	768	768
3.7	Tread, rear	b11 (mm)	386	386
4.2	Lowered mast height	h1 (mm)	1681	1181
4.4	Lift	h3 (mm)	1300	800
4.5	Extended mast height	h4 (mm)	3000	1990
4.9	Height of tiller in drive position min./ max.	h14 (mm)	980/ 1300	980/ 1300
4.15	Height, lowered	h13 (mm)	80	80
4.19	Overall length	l1 (mm)	1608	1608
4.20	Length to face of forks	l2 (mm)	523	523
4.21	Overall width	b1 (mm)	888	888
4.22	Fork dimensions	s/e/l (mm)	75/160/1050	75/160/1050
4.25	Distance between fork- arms	b5 (mm)	540	540
4.33	Aisle width for pallets 1000X1200	Ast (mm)	2481	2481
4.34	Aisle width for pallets 800X1200	Ast (mm)	2181	2181
4.35	Turning radius	Wa (mm)	1200	1200
5.2	Lift speed, laden/ unladen	m/s	0.047/0.060	0.047/0.060
5.3	Lowering speed, laden/ unladen	m/s	0.144/0.103	0.144/0.103
6.2	Lift motor rating at S3 7.5%	kW	0.8	0.8
6.3	Battery acc. to DIN43 531/35/36 A,B,C,no		Maintenance free	Maintenance free
6.4	Battery voltage, nominal capacity K51)	V/Ah	12/42	12/42
6.5	Battery weight	kg	14	14