

SPN1016 – SPN2020 (6 MODELS) / SEMI-ELECTRIC STACKER (PEDESTRIAN)

Semi-Electric Stacker. 1.0 to 2.0 Tonnes.

“Compact hydraulic power unit with adjustable lifting speed, imported motor relay and a reinforced mast for stable lifting.”



COMPACT TURNING

1350 mm
Min. Turning Radius

Aisle, 1000 × 1200 across forks	2250 mm
Aisle, 800 × 1200 along forks	2240 mm
Wheel base	1190 mm

4 Key Specifications

Rated Capacity 1.0–2.0 t (Load centre 450 mm)	Lift Height 1600–3000 mm (h3)	Service Weight 315–395 kg (With battery)	Battery 12/120 V/Ah (Voltage / capacity)
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5 Product Features

01 Hydraulic Power Unit

Compact, responsive, powerful; speed adjustable. Branded parts, stable, long life.

04 Direct Wheel Brake

Brake acts directly on the universal wheel via foot operation: immediate, light and fast.

02 Imported Motor Relay

Fitted across the series: fast action, strong pulling ability, stable operation and long service life.

05 Reinforced Mast

Ribs between inner and outer masts prevent forward tilt when lifting; better stability.

03 Adjustable Fork Bolts

Bolts at the back of the forks level them if slightly deformed by long use or other factors.

Technical Data

1 Characteristics

		SPN1016	SPN1030	SPN1516	SPN1530	SPN2016	SPN2020	
1.01	Model							
1.02	Power unit	Electric						
1.03	Operation	Manual (Handle)						
1.04	Rated load capacity	Q (kg)	1000		1500		2000	
1.05	Load centre	c (mm)			450			
1.06	Axle centre to fork face	x (mm)	705	700	705	700	705	700
1.07	Wheel base	y (mm)			1190			
1.08	Service weight with battery	kg	315	380	320	395	325	380

2 Wheels / Tyres

2.01	Wheels type					Nylon / PU	
2.02	Driving wheel size	$\Phi \times w$ (mm)				$\Phi 180 \times 50$	
2.03	Bearing wheel size	$\Phi \times w$ (mm)				$\Phi 74 \times 70$	
2.04	Additional wheels (dimensions)	$\Phi \times w$ (mm)				$\Phi 180 \times 50$	
2.05	Wheels, number front/rear (x = driven)					1, 1/2	
2.06	Track width, drive side	b10 (mm)				648	
2.07	Track width, load side	b11 (mm)				390/490	

3 Dimensions

3.01	Height of mast, lowered	h1 (mm)	2077	2077	2077	2077	2077	1577
3.02	Lift	h3 (mm)	1600	3000	1600	3000	1600	2000
3.03	Height of mast, extended	h4 (mm)	2077	3567	2077	3567	2077	2567
3.04	Fork height, lowered	h13 (mm)				85		
3.05	Overall length	l1 (mm)				1600/1800		
3.06	Length to fork face	l2 (mm)				700		
3.07	Overall width	b1/b2 (mm)				760/964		
3.08	Fork dimensions	e/l (mm)				60/150/900(1100)		
3.09	Width of forks	b5 (mm)				550/640		
3.10	Min. ground clearance	m2 (mm)				27		
3.11	Aisle width, pallet 1000 × 1200 across forks	Ast (mm)				2250		
3.12	Aisle width, pallet 800 × 1200 along forks	Ast (mm)				2240		
3.13	Min. turning radius	Wa (mm)				1350		

4 Performance

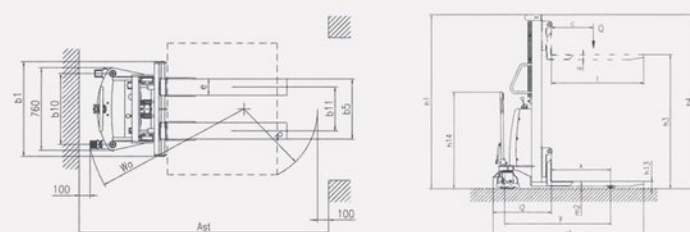
4.01	Lifting speed, with/without load	(mm/s)	60/100		50/120		45/110	
4.02	Lowering speed, with/without load	(mm/s)	150/130		150/130		110/80	
4.03	Service brake				Mechanical			

5 Motor / Battery

5.01	Lift motor rating at S3 15%	(kW)			1.6			
5.02	Battery voltage/rated capacity	(V/Ah)			12/120			
5.03	Battery weight ($\pm 5\%$)	(kg)			36			

6 Other

6.01	Noise level at operator's ear	(dB(A))			≤ 70			
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Dimension Drawings

Symbols correspond to the units column above.