

PALLET STACKER

PS15

ELECTRIC STACKER

UN forklifts are designed to excel in the most challenging environments with increased safety, enhanced cooling systems, reduced noise and vibration all with low maintenance. With refined performance at an affordable price, UN Forklifts reduce the total cost of ownership and provide reliable and efficient solutions to drive productivity in your operations.



MODEL		PS15	
GENERAL SPECIFICATIONS			
Power (battery,diesel, petrol, gas, manual)		5000	2900
		Battery	
Operator type		Pedestrian	
Load Capacity / rated load	Q (t)	1.5	
Load centre distance	c (mm)	600	
Load distance ,centre of drive axle to fork	x (mm)	751	755
Wheelbase	y (mm)	1526	1407
WEIGHT			
Service weight	kg	1596	1095
Axle loading, laden front/rear	kg	1345/1663	1165/1430
Axle loading, unladen front/rear	kg	955/553	735/360
TIRES, CHASSIS			
Tires		Polyurethane(PU)	
Tire size,front	Øxw (mm)	Ø230x75	
Tire size,rear	Øxw (mm)	Ø80x70	
Additional wheels(dimensions)	Øxw (mm)	Ø124x60	
Wheels,number front/rear(x=driven wheels)		1x+1/4	
Tread, front	b10 (mm)	766	570
Tread, rear	b11 (mm)	390/505 ¹⁾	



Market leading engines ensure superior performance, durability and excellent fuel efficiency. All diesel forklifts have Mitsubishi or Isuzu engines. The LPG and gasoline forklifts utilise Nissan engines.

MODEL		PS16N(5500)	
DIMENSIONS			
Lowered mast height	h1 (mm)	2220	1950
Free Lift height	h2 (mm)	1660	150
Lift height	h3 (mm)	4915	2815
Extended maximal height	h4 (mm)	5520	3370
Height of tiller in drive position min./ max.	h14 (mm)	945/1370	
Height, lowered	h13 (mm)	85	
Overall length	l1(mm)	2110 ⁴⁾	1987 ⁴⁾
Length to face of forks	l2 (mm)	960 ⁴⁾	837 ⁴⁾
Overall width	b1 (mm)	1000	795
Fork dimensions	s/e/l (mm)	60/180/1150	
Distance between fork-arms	b5 (mm)	570/685 ²⁾	
Ground clearance, centre of wheelbase	m2 (mm)	25	
Aisle width for pallets 1000X1200 crossways	Ast (mm)	2567 ⁴⁾	2447 ⁴⁾
Aisle width for pallets 800X1200 lengthways	Ast (mm)	2519 ⁴⁾	2397 ⁴⁾
Turning radius	Wa (mm)	1717 ⁴⁾	1598 ⁴⁾
PERFORMANCE DATA			
Travel speed, laden/ unladen	km/h	6.0/6.0	
Lift speed, laden/ unladen	m/s	0.141/0.212	0.82/0.152 ³⁾
Lowering speed, laden/ unladen	m/s	0.196/0.178	0.108/0.095 ³⁾
Max. gradeability, laden/ unladen	%	6/12	
Service brake		Electromagnetic	
ELECTRIC - ENGINE			
Drive motor rating S2 60min	kW	1.3	
Lift motor rating at S3 4.5%	kW	3.0	2.23
Battery acc. to DIN 43531/35/36 A, B, C, no		B, 3PZS	B, 3PZS
Battery voltage, nominal capacity K5	V/Ah	24/350	24/210
Battery weight +/-5%	kg	288	217
Energy consumption acc: to VDI cycle	kWh/h	2.36	
ADDITIONAL DATA			
Type of drive control		AC-Speed Control	
Sound level at driver's ear acc. to EN 12053	dB(A)	<69	



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