

PALLET STACKER

PS12TSL-PS16TSL-PS18TSL

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		PS12TSL(3600)	PS16TSL(4600)	PS18TSL(4600)
GENERAL SPECIFICATIONS				
Power (battery,diesel, petrol, gas, manual)		Battery		
Operator type	Q (t)	Pedestrian		
Load Capacity / rated load	c (mm)	1.2	1.6	1.8
Load centre distance	x (mm)	600	600 ¹⁾	600 ¹⁾
Load distance ,centre of drive axle to fork	y (mm)	647	664 ²⁾	647 ²⁾
Wheelbase		1331	1378	1378
WEIGHT				
Service weight	kg	1190	1480	1560
Axle loading, laden front/rear	kg	774/1598	827/2253	892/2378
Axle loading, unladen front/rear	kg	796/394	864/616	924/636
TIRES, CHASSIS				
Tires		Polyurethane(PU)		
Tire size,front	Øxw (mm)	Ø230x70		
Tire size,rear	Øxw (mm)	Ø84x70		
Additional wheels(dimensions)	Øxw (mm)	Ø 100x40		
Wheels,number front/rear(x=driven wheels)		1x+2/4		
Tread, front	b10 (mm)	500		
Lowered mast height	h1 (mm)	2308	2108	2228



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.

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DIMENSIONS				
Free Lift height	h2 (mm)	1760	1520	1520
Lift height	h3 (mm)	3560	4530	4530
Extended maximal height	h4 (mm)	4088	5088	5208
Height of tiller in drive position min./ max.	h14 (mm)	890/1420		
Height, lowered	h13 (mm)	50		
Overall length	l1(mm)	1990	2075	2092
Length to face of forks	l2 (mm)	840	925	942
Overall width	b1 (mm)	816/1170-1470		
Fork dimensions	s/e/l (mm)	35x100x1150	40x120x115	40x120x115
Distance between fork-arms	b5 (mm)	235-710	255-730	255-730
Ground clearance, centre of wheelbase	m2 (mm)	40		
Aisle width for pallets 1000X1200 crossways	Ast (mm)	2396	2437	2446
Aisle width for pallets 800X1200 lengthways	Ast (mm)	2382	2418	2432
Turning radius	Wa (mm)	1500	1550	1550
PERFORMANCE DATA				
Travel speed, laden/ unladen	km/h	5.4/6.0	5.4/6.0	5.4/6.0
Lift speed, laden/ unladen	m/s	0.09/0.14	0.13/0.18	0.13/0.18
Lowering speed, laden/ unladen	m/s	0.25/0.2	0.20/0.14	0.20/0.14
Max. gradeability, laden/ unladen	%	6/12		6/10
Service brake		Electromagnetic		
ELECTRIC - ENGINE				
Drive motor rating S2 60min	kW	1.3	1.4	1.4
Lift motor rating at S3 4.5%	kW	1.5	3.2	3.2
Battery acc. to DIN 43531/35/36 A, B, C, no		2PZB	3VBS	3VBS
Battery voltage, nominal capacity K5	V/Ah	24/180	24/270	24/270
Battery weight +/-5%	kg	175	230	230
Energy consumption acc: to VDI cycle	kWh/h	0.95	1.59	1.70
ADDITIONAL DATA				
Type of drive control		AC-Speed Control		
Sound level at driver's ear acc. to EN 12053	dB(A)	<70		



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