## FORKLIFTS AUSTRALIA



## **PALLET STACKER**

## PSE10 15L-C 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		PSE10L-C		PSE15L-C						
GENERAL SPECIFICATIONS										
Manufacturer's type designation		1600	3500	1600	3600					
Drive		Battery								
Operator type		Pedestrian								
Load Capacity / rated load	Q (t)	1.0		1.5						
Load centre distance	c (mm)	600								
Load distance ,centre of drive axle to fork	x (mm)	769								
Wheelbase	y (mm)	1215		1220	1245					
	WE	IGHT								
Service weight	kg	450	570	590	750					
Axle loading, laden front/rear	kg	490 / 960	540/1030	640/1450	690/1560					
Axle loading, unladen front/rear	kg	330 / 120	415/155	410/ 180	525 / 225					
	TIRES, O	CHASSIS								
Tires		Polyurethane(PU)								
Tire size,front	Øxw (mm)	Ø220x70								
Tire size,rear	Øxw (mm)	Ø80x70								
Additional wheels(dimensions)	Øxw (mm)	Ø100x50								
Wheels,number front/rear(x=driven wheels)		1x+1/2								
Tread, front	b10 (mm)	557								
Tread, rear	b11 (mm)	410/525								







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.

## FORKLIFTS AUSTRALIA



Free Lift height	MODEL	PSE10L-C PSE15L-C			15L-C						
Free Lift height	DIMENSIONS										
Lift height height highly 1513 3413 1513 3513  Extended maximal height hid (mm) 2057 3889 1985 4039  Height of tiller in drive position min./ max. h14 (mm) 6701228  Height, fowered h13 (mm) 877  Overall length Influence highly height height highly height, fowered h13 (mm) 1750 1779  Coverall length Influence highly height highly height height highly	Lowered mast height	h1 (mm)	2057	2282	1980	2282					
Extended maximal height   Pot (mm)   2057   3889   1985   4038	Free Lift height	h2 (mm)	1513	-	1508	78					
Height of tiller in drive position min./ max.    height, lowered   h13 (mm)   87	Lift height	h3 (mm)	1513	3413	1513	3513					
Height, lowered	Extended maximal height	h4 (mm)	2057	3989	1985	4039					
Overall length         I1(mm)         1750         1779           Length to face of forks         12 (mm)         600         629           Overall width         b1 (mm)         820         820           Fork dimensions         sleft (mm)         60/180/1150           Width across forks         b5 (mm)         570/685           Ground clearance, cantre of wheelbase         m2 (mm)         32         27           Alsie width for pallets 1000X1200 crossways         Ast (mm)         2293         2324           Alsie width for pallets 800X1200 lengthways         Ast (mm)         2238         2269           Turning radius         Wa (mm)         1450         1481           PERFORMANCE DATA           Travel speed, laden/ unladen         km/h         4.0/4.3         4.0/4.4           Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Service brake         ELECTRIC - ENGINE           Lift motor rating S2 60min         kW         0.75           Lift motor	Height of tiller in drive position min./ max.	h14 (mm)	670/1228								
Length to face of forks         12 (mm)         600         629           Overall width         b1 (mm)         820         820           Fork dimensions         s/ell (mm)         60/180/1150           Width across forks         b5 (mm)         570/85           Ground clearance, centre of wheelbase         m2 (mm)         32         27           Alsie width for pallets 1000X1200 crossways         Ast (mm)         2293         2324           Alsie width for pallets 800X1200 lengthways         Ast (mm)         2238         2269           Turning radius         Wa (mm)         1450         1481           PERFORMANCE DATA           Travel speed, laden/ unladen         km/h         4.04.3         4.0/4.4           Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10         5/10           ELECTRIC - ENGINE           Drive motor rating S2 80min         kW         0.75         Lift motor rating s2 80min         kW         2.2           Battery weltage, nominal capacity K5         V/Ah         2x12/80         2x12/100	Height, lowered	h13 (mm)	87								
Overall width         b1 (mm)         820         820           Fork dimensions         s/e/l (mm)         60/180/1150           Width across forks         b5 (mm)         570/685           Ground clearance, centre of wheelbase         m2 (mm)         32         27           Alse width for pallets 1000X1200 crossways         Ast (mm)         2293         2324           Alse width for pallets 800X1200 lengthways         Ast (mm)         2238         2269           Turning radius         Wa (mm)         1450         1481           PERFORMANCE DATA           Travel speed, laden/ unladen         km/h         4.0/4.3         4.0/4.4           Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Service brake         Electric = Electromagnetic           ELECTRIC = ENGINE           Drive motor rating \$2 60min         kW         0.75           Lift motor rating \$2 80min         kW         2.2           Battery weight +/-5%         kg         2x12/190 <td>Overall length</td> <td>I1(mm)</td> <td colspan="2">1750</td> <td colspan="2">1779</td>	Overall length	I1(mm)	1750		1779						
Siell (mm)   Sol/180/1150	Length to face of forks	I2 (mm)	600		629						
Width across forks         b5 (mm)         570/685           Ground clearance, centre of wheelbase         m2 (mm)         32         27           Alsie width for pallets 1000X1200 crossways         Ast (mm)         2293         2324           Alsie width for pallets 800X1200 lengthways         Ast (mm)         2238         2269           Turning radius         Wa (mm)         1450         1481           PERFORMANCE DATA           Travel speed, laden/ unladen         km/h         4.04.3         4.074.4           Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Service brake         Electromagnetic           ELECTRIC - ENGINE           Drive motor rating S2 60min         kW         0.75           Lift motor rating S2 50min         kW         2.2           Battery acc. to DIN 43531/35/36 A, B, C, no         No         No           Battery weight +/-5%         kg         2x26         2x34           Energy consumption acc: to VDI cycle         kWh/h         0.44         0.68           ADDITI	Overall width	b1 (mm)	820		820						
Ground clearance, centre of wheelbase         m2 (mm)         32         27           Alsle width for pallets 1000X1200 crossways         Ast (mm)         2293         2324           Alsle width for pallets 800X1200 lengthways         Ast (mm)         2238         2269           Turning radius         Wa (mm)         1450         1481           PERFORMANCE DATA           Travel speed, laden/ unladen         km/h         4.0/4.3         4.0/4.4           Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Service brake         Electrrorgnetic           ELECTRIC - ENGINE           Drive motor rating S2 60min         kW         0.75           Lift motor rating s3 4 5%         kW         2.2           Battery acc. to DIN 43531/35/36 A, B, C, no         No           Battery voltage, nominal capacity K5         V/Ah         2x12/80         2x12/100           Battery weight +/-5%         kg         2x26         2x34           Energy consumption acc: to VDI cycle         kWh/h         0.44         0.	Fork dimensions	s/e/l (mm)	60/180/1150								
Aisle width for pallets 1000X1200 crossways         Ast (mm)         2293         2324           Aisle width for pallets 800X1200 lengthways         Ast (mm)         2238         2269           Turning radius         Wa (mm)         1450         1481           PERFORMANCE DATA           Travel speed, laden/ unladen         km/h         4.04.3         4.0/ 4.4           Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Service brake         ELECTRIC - ENGINE           Drive motor rating \$2.60min         kW         0.75           Lift motor rating \$2.80min         kW         0.75           Lift motor rating \$3.4.5%         kW         2.2           Battery acc. to DIN 43531/35/36 A, B, C, no         No           Battery voltage, nominal capacity K5         V/Ah         2x12/80         2x12/100           Battery weight +/-5%         kg         2x26         2x34           Energy consumption acc: to VDI cycle         kWh/h	Width across forks	b5 (mm)	570/685								
Asle width for pallets 800X1200 lengthways  Ast (mm)  2238  2269  Turning radius  Wa (mm)  1450  1481  PERFORMANCE DATA  Travel speed, laden/ unladen  km/h  4.0/4.3  4.0/4.4  Lift speed, laden/ unladen  m/s  0.119/0.195  0.087/0.148  Lowering speed, laden/ unladen  m/s  0.166/0.159  0.125/0.117  Max. gradeability, laden/ unladen  %  5/10  Service brake  ELECTRIC - ENGINE  Drive motor rating \$2 60min  kW  0.75  Lift motor rating at \$3 4.5%  kW  2.2  Battery acc. to DIN 43531/35/36 A, B, C, no  Battery voltage, nominal capacity K5  V/Ah  2x12/80  2x26  2x34  Energy consumption acc: to VDI cycle  kWh/h  0.44  0.68  ADDITIONAL DATA  Type of drive control	Ground clearance, centre of wheelbase	m2 (mm)	32		27						
Turning radius         Wa (mm)         1450         1481           PERFORMANCE DATA           Travel speed, laden/ unladen         km/h         4.0/4.3         4.0/4.4           Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Service brake         Electrowagnetic           Electrowagnetic           Electrowagnetic           Electrowagnetic           Electrowagnetic           Electrowagnetic           Electrowagnetic           Electrowagnetic           Electrowagnetic           Battery acc, to DIN 43531/35/36 A, B, C, no         No           Battery acc, to DIN 43531/35/36 A, B, C, no         No <th <="" colspan="3" td=""><td>Aisle width for pallets 1000X1200 crossways</td><td>Ast (mm)</td><td colspan="2">2293</td><td colspan="2">2324</td></th>	<td>Aisle width for pallets 1000X1200 crossways</td> <td>Ast (mm)</td> <td colspan="2">2293</td> <td colspan="2">2324</td>			Aisle width for pallets 1000X1200 crossways	Ast (mm)	2293		2324			
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Lift speed, laden/ unladen         m/s         0.119/0.195         0.087/0.148           Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Electromagnetic           ELECTRIC - ENGINE           Drive motor rating S2 60min         kW         0.75           Lift motor rating at S3 4.5%         kW         2.2           Battery acc. to DIN 43531/35/36 A, B, C, no         No           Battery voltage, nominal capacity K5         V/Ah         2x12/80         2x12/100           Battery weight +/-5%         kg         2x26         2x34           Energy consumption acc: to VDI cycle         kWh/h         0.44         0.68           ADDITIONAL DATA           Type of drive control         DC- Speed Control		PERFORMA	NCE DATA								
Lowering speed, laden/ unladen         m/s         0.166/0.159         0.125/0.117           Max. gradeability, laden/ unladen         %         5/10           Electromagnetic           ELECTRIC - ENGINE           Drive motor rating S2 60min         kW         0.75           Lift motor rating at S3 4.5%         kW         2.2           Battery acc. to DIN 43531/35/36 A, B, C, no         No           Battery voltage, nominal capacity K5         V/Ah         2x12/80         2x12/100           Battery weight +/-5%         kg         2x26         2x34           Energy consumption acc: to VDI cycle         kWh/h         0.44         0.68           ADDITIONAL DATA           Type of drive control         DC- Speed Control	Travel speed, laden/ unladen	km/h	4.0/4.3		4.0/ 4.4						
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Drive motor rating S2 60min         kW         0.75           Lift motor rating at S3 4.5%         kW         2.2           Battery acc. to DIN 43531/35/36 A, B, C, no         No           Battery voltage, nominal capacity K5         V/Ah         2x12/80         2x12/100           Battery weight +/-5%         kg         2x26         2x34           Energy consumption acc: to VDI cycle         kWh/h         0.44         0.68           ADDITIONAL DATA           Type of drive control         DC- Speed Control	Service brake		Electromagnetic								
Lift motor rating at S3 4.5%  RW  2.2  Battery acc. to DIN 43531/35/36 A, B, C, no  Battery voltage, nominal capacity K5  V/Ah  2x12/80  2x12/100  Battery weight +/-5%  Rg  2x26  2x34  Energy consumption acc: to VDI cycle  RWh/h  ADDITIONAL DATA  Type of drive control  DC- Speed Control		ELECTRIC	- ENGINE								
Battery acc. to DIN 43531/35/36 A, B, C, no  Battery voltage, nominal capacity K5  V/Ah  2x12/80  2x12/100  Battery weight +/-5%  kg  2x26  2x34  Energy consumption acc: to VDI cycle  kWh/h  0.44  0.68  ADDITIONAL DATA  Type of drive control  DC- Speed Control	Drive motor rating S2 60min	kW	0.75								
Battery voltage, nominal capacity K5  V/Ah  2x12/80  2x12/100  Battery weight +/-5%  kg  2x26  2x34  Energy consumption acc: to VDI cycle  kWh/h  0.44  0.68  ADDITIONAL DATA  Type of drive control  DC- Speed Control	Lift motor rating at S3 4.5%	kW	2.2								
Battery weight +/-5% kg 2x26 2x34  Energy consumption acc: to VDI cycle kWh/h 0.44 0.68  ADDITIONAL DATA  Type of drive control DC- Speed Control	Battery acc. to DIN 43531/35/36 A, B, C, no		No								
Energy consumption acc: to VDI cycle kWh/h 0.44 0.68  ADDITIONAL DATA  Type of drive control DC- Speed Control	Battery voltage, nominal capacity K5	V/Ah	2x12/80		2x12/100						
Type of drive control  DC- Speed Control	Battery weight +/-5%	kg	2x26		2x34						
Type of drive control DC- Speed Control	Energy consumption acc: to VDI cycle	kWh/h	0.44		0.68						
		ADDITION	IAL DATA								
Sound level at driver's ear acc. to EN 12053 dB(A) <70	Type of drive control		DC- Speed Control								
` '	Sound level at driver's ear acc. to EN 12053	dB(A)	<70								







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