AXÍA ES

SBP10-16N3(I)(R)(S) & SBP12N2C Series

PEDESTRIAN STACKER

1.0 - 1.6 tonnes

MAXIMISE YOUR STORAGE MAXIMISE YOUR PRODUCTIVITY

The compact AXiA ES stacker range is built to maximise your storage space, working in extremely narrow spaces thanks to the shortest chassis on the market.

SPECIFICATIONS

SBP10N3	SBP12N3IR	SBP16N3I
SBP10N3R	SBP14N3	SBP16N3R
SBP12N2C	SBP14N3I	SBP16N3IR
SBP12N3	SBP14N3R	SBP16N3S
SBP12N3I	SBP14N3IR	SBP16N3SR
SBP12N3R	SBP16N3	







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Unaffected by dirt, debris, dust and water thanks to its sealed protective chassis and waterproof components (rated to IP54), AXiA ES will work dependably indoors or out with minimum maintenance.

BRAKES

Parking brake

Automatically activated when necessary for extra safety on ramps.

DRIVE

Powerful AC drive motor

Excellent traction and ramp performance, smooth, quiet, controlled operation, extended shift length and lower maintenance requirements.

Sealed transmission

Shock-resistant, quiet and requires little maintenance.

Sensitive Drive System (SDS)

An intuitive driver-assist system for increased safety. Performance is managed according to steer angle and the velocity of foot and finger controls.

ELECTRICAL AND CONTROL SYSTEMS

Li-ion battery

Fast charging - removing the need for extra batteries. (Optional)

Battery rollers

Changing batteries is guicker, easier and safer.

Micro-computer

Includes hour meter, battery indicator and cut out.

Programmable controller

Acceleration, speed and braking can be adjusted to suit the application and operator's preferences.

Battery discharge indicator

Fitted as standard for battery protection and preventing deep discharge.

FORKS AND MAST

Robust forks

Strong welded construction with rounded tips for effortless pallet

Tapered forks

Access to pallets in racks or block stacks is easier, quicker and safer.

FRAME AND BODY

High visibility

Operator has a good view of the fork tips and working area.

Sealed chassis

Internal components are protected against water, dirt, dust and debris, reducing downtime and servicing.

Water-resistant design

Water is kept away from key electrical parts for safety and longer part life.

Low centre of gravity

Operation is safer and more stable.

Two linked castor wheels

In addition to the load wheels for added stability. Increases comfort for the driver and safety for the load.

Operate in low temperatures

Can be used for cold storage applications in temperatures as low as -10 °C with sealed components impervious to condensation.

Side stabilisers

Aids the truck in lifting higher capacities at higher lift heights. (Option)







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OPERATOR COMPARTMENT AND CONTROLS

Choice of two pre-set operating modes (ECO and PRO) Enabled via key switch to enhance safety, energy efficiency and

productivity. Left-handed or right-handed controls

The tiller arm's versatile design allows for operation from either side.

- Low to the ground Ground clearance is only 20 mm so there is no risk of foot trapping.
- PIN-code access Stops unauthorised truck use and keeps you aware of who's operating at all times.
- Ergonomic ErgoSteer tiller head Best-in-class, weather-protected and impact-resistant tiller head with large, easy-to-reach buttons placed at a patented ergonomic distance for reduced fatigue and safer operation. IP65 rated.
- Emergency stop Easy and fast stop to power in an emergency.

- Ergonomic rubber hand grips Handles are comfortable and easy to hold
- Battery discharge indicator Fitted as standard for battery protection and preventing deep discharge.

STEERING SYSTEM

 Small turning circle Combine this with the compact chassis and operation is possible in tight areas allowing for optimised use of warehouse space.

OTHER FEATURES

 RapidAccess features These allow quick and easy entry to all areas for checks and maintenance.







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AXÍA ES OPTIONAL LI-ION BATTERY SYSTEMS

MAKE YOUR FORKLIFT GO EVEN FURTHER



Tried, tested and proven in the field. lead-acid batteries have been the long-standing choice for companies employing electric lift trucks. However, with long charging times, demanding maintenance requirements, the need for extra batteries, and high risk of operator misuse, day-to-day use can be a challenge.

Fortunately, there's a new battery system on the block: Li-ion from Mitsubishi Forklift Trucks.

Designed to meet your business' demands — including multi-shift (24/7) operations — without the need for spare batteries, our high-performance Li-ion battery system is up to 30% more efficient than lead-acid counterparts. Plus, it's virtually error-proof, thanks to its ultra-low-maintenance design which prevents cell damage.

Gas-emission free No need for air ventilation. Exceptional high battery and charger efficiency

State-of-the-art technology delivers up to 30% more power efficiency than lead-acid batteries.

Maintenance-free design

No need for daily checks and water re-fills. This reduces the risk of operators damaging cells and reducing their lifetime. Needs a full charge each week to activate cell balancing.

No need for spare batteries or charging room

You can save both space and costs in multi-shift applications, maximising profitability.

Quick charge capabilities

Just 15 minutes is all your battery needs to keep your truck going for a few more hours. It only takes 1 to 2 hours to fully charge a completely discharged battery.

Higher sustained voltage

This gives more consistent lifting and driving performance — particularly noticeable towards the end of a shift.

Multiple safety features

This includes circuit protection, deepdischarge and overcharge protection, and individual cell temperature and voltage monitoring.

On-the-go performance and monitoring

The system's integrated monitoring system has an easy-to-read display unit.

Wide choice of battery and charger capacities

The most suitable power supply can be matched to the exact requirements of a specific application.





Li-ion battery option is available in selected regions.

Fully integrated Li-ion battery

Features a sophisticated CANbus communication and an automatic ON/OFF synchronization between battery and truck. Battery level, notifications and alarms are integrated into the truck display. to secure clear and easy overview for the truck operator.



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	CHARACTERISTICS							
1.1	Manufacturer			Mitsubishi Forklift Trucks				
1.2	Manufacturer's model designation			SBP10N3	SBP12N2C	SBP12N3	SBP14N3	SBP16N3
1.3	Power source			Battery	Battery	Battery	Battery	Battery
1.4	Operator type			Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian
1.5	Load capacity	Q	kg	1000	1250	1200	1400	1600
1.6	Load center distance	С	mm	600	600	600	600	600
1.8	Load wheel axle to fork face (forks lowered)	X	mm	700	950	750	750	750
1.9	Wheelbase	У	mm	1215	1473	1330	1330	1330
1.7	WEIGHT	,		1210	1470	1000	1000	1000
2.1b	Truck weight without load, with maximum battery weight		kg	730	775	1020	1020	1020
2.10	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	612 / 1128	875 / 1150	810 / 1410	845 / 1580	870 / 1755
2.3	Axle loadings without load & with maximum battery weight, drive / load side			534 / 196	575 / 200	730 / 295	730 / 295	730 / 295
2.3	WHEELS, DRIVE TRAIN		kg	334 / 170	3737 200	730 7 273	730 7 273	730 7 273
2.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul				
3.1	Tyre dimensions, drive side				230 × 70	230 × 70		
3.2	· ·		mm	230 × 70			230 × 70	230 × 70
3.3	Tyre dimensions, load side	Ø	mm	85 × 90	85 × 99	85 × 90	85 × 75	85 × 75
3.4	Castor wheel dimensions (diameter x width)		mm	125 × 60	140 × 60	125 × 60	125 × 60	125 × 60
3.5	Number of wheels, load / drive side (x = driven)			1 + 1x / 2	1 + 1x /2	1 + 1x / 2	1 + 1x / 4	1 + 1x / 4
3.6	Track width (center of tyres), drive side	b10	mm	515	382	515	515	515
3.7	Track width (center of tyres), load side	b11	mm	385	355	385	385	385
	DIMENSIONS							
4.2b	Height	h1	mm	see tables	1400 / 1550	see tables	see tables	see tables
4.3	Free lift	h2	mm	see tables				
4.4	Lift height	h3	mm	see tables	1700 / 2000	see tables	see tables	see tables
4.5	Height with mast extended	h4	mm	see tables	2145 / 2445	see tables	see tables	see tables
4.6	Initial lift	h5	mm	-	-	-	-	-
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	865 / 1420	913 / 1368	865 / 1420	865 / 1420	865 / 1420
4.15	Fork height, fully lowered	h13	mm	90	90	90	90	90
4.19	Overall length	l1	mm	1835	1877	1900 ¹)	1900	1900
4.20	Length to fork face	l2	mm	685	677	750 ¹)	750	750
4.21	Overall width	b1/b2	mm	800	660	800	800	800
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	56 / 186 / 1150	65 / 185 / 1200	56 / 186 / 1150	56 / 186 / 1150	56 / 186 / 1150
4.24	Fork carriage width	b3	mm	750	007 1007 1200	750	750	750
4.25	Outside width over forks (minimum / maximum)	b5	mm	570	540	570	570	570
4.26	Inner width of support legs	b4	mm	-	-	-	-	-
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	20	25	20	20	20
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm	20	NA	20	20	20
	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise							
4.33b	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise platform up/down	Ast3	mm	0000	NA	0//5	0//5	0//5
4.33c		Ast	mm	2300		2445	2445	2445
4.33d	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast3	mm					
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm		2507			
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm		2285			
4.34c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	2230		2374	2374	2374
4.34d	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast3	mm					
4.35	Turning radius	Wa	mm	1458	1835	1572	1572	1572
	PERFORMANCE							
5.1	Travel speed, with / without load		km / h	6.0 / 6.0	5.7 / 6	6.0 / 6.0	6.0 / 6.0	6.0 / 6.0
5.2	Lifting speed, with / without load		m/s	0.15 / 0.30	0.10 / 0.20	0.16 / 0.33	0.14 / 0.33	0.15 / 0.32
5.3	Lowering speed, with / without load		m/s	0.29 / 0.32	0.11 / 0.12	0.46 / 0.35	0.45 / 0.35	0.48 / 0.34
5.7	Gradeability, with / without load		%		7 / 19			
5.8	Maximum gradeability with / without load		%	8 / 15		8 / 15	8 / 15	8 / 15
5.9	Acceleration time (10 metres) with / without load		S		7.60 / 6.76			
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric	Electric	Electric	Electric
0.10	ELECTRIC MOTORS			21001110	2.001.10	2.001.10	2.001.10	21001110
6.1	Drive motor capacity (60 min. short duty)		kW	1.0	1.3	1.0	1.0	1.0
6.2	Lift motor output at 15% duty factor		kW	2.2	2.35	2.2	2.2	3.2
	Battery voltage/capacity at 5-hour discharge		V/Ah					
6.4	Battery weight			24 / 150	24 / 150-230	24 / 250	24 / 250	24 / 250 - 375
6.5			kg	150	140 - 215	210	210	210
	MISCELLANEOUS				a	a		<u> </u>
8.1	Type of drive control	47		Stepless	Stepless	Stepless	Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work L	pAZ	dB(A)	65	74.6 +/- 0.7	64		
10.7.2	Whole-body vibration (EN 13 059:2002)			-		-	-	-
10.7.3	Hand-arm vibration (EN 13 059:2002)			< 2.5		< 2.5	< 2.5	< 2.5

1) -64 mm with 150 Ah battery

AXÍAES

SBP10 - 16N3 / 12N2C Series

PEDESTRIAN AND COMPACT STACKER

1.0 - 1.6 tonnes



SBP10-16N3



SBP12N2C

	CHARACTERISTICS					
1.1	Manufacturer			Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.2	Manufacturer's model designation			SBP12N3I	SBP14N3I	SBP16N3I
1.3	Power source			Battery	Battery	Battery
1.4	Operator type			Pedestrian	Pedestrian	Pedestrian
1.5	Load capacity	Q	kg	1200	1400	1600
1.6	Load center distance	С	mm	600	600	600
1.8	Load wheel axle to fork face (forks lowered)	X	mm	925	925	925
1.9	Wheelbase	у	mm	1610	1610	1610
1.7	WEIGHT	,		1010	1010	1010
2.1b	Truck weight without load, with maximum battery weight		kg	1095	1095	1095
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	1060 / 1230	1105 / 1390	1145 / 1545
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	780 / 315	780 / 312	780 / 312
2.3	WHEELS, DRIVE TRAIN		ĸy	760 / 313	760 / 312	700 / 312
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul	Vul / Vul	Vul / Vul
3.1	Tyre dimensions, drive side			230 × 70	230 × 70	230 × 70
	Tyre dimensions, load side	_	mm			
3.3	Castor wheel dimensions (diameter x width)	Ø	mm	85 × 90	85 × 75	85 × 75
3.4			mm	125 × 60	125 × 60	125 × 60
3.5	Number of wheels, load / drive side (x = driven)	1.40		1 + 1x / 2	1 + 1x / 4	1 + 1x / 4
3.6	Track width (center of tyres), drive side	b10	mm	515	515	515
3.7	Track width (center of tyres), load side	b11	mm	385	385	385
	DIMENSIONS					
4.2b	Height	h1	mm	see tables	see tables	see tables
4.3	Free lift	h2	mm	see tables	see tables	see tables
4.4	Lift height	h3	mm	see tables	see tables	see tables
4.5	Height with mast extended	h4	mm	see tables	see tables	see tables
4.6	Initial lift	h5	mm	200	200	200
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	865 / 1420	865 / 1420	865 / 1420
4.15	Fork height, fully lowered	h13	mm	90	90	90
4.19	Overall length	l1	mm	2010 1)	2010	2010
4.20	Length to fork face	12	mm	855 ¹⁾	855	855
4.21	Overall width	b1/b2	mm	800	800	800
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	56 / 186 / 1150	56 / 186 / 1150	56 / 186 / 1150
4.24	Fork carriage width	b3	mm	750	750	750
4.25	Outside width over forks (minimum / maximum)	b5	mm	570	570	570
4.26	Inner width of support legs	b4	mm	-	-	-
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	20	20	20
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm			
4.33b	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise	Ast3	mm			
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm	2619	2619	2619
4.33d	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast3	mm			
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm			
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm			
4.34c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	2533	2533	2533
4.34d	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast3	mm	2333	2333	2333
	Turning radius	Wa		10/0	1848	1848
4.35	PERFORMANCE	vva	mm	1848	1848	1848
г 1	Travel speed, with / without load		Lucy / In	(0//0	40440	(0//0
5.1	·		km / h	6.0 / 6.0	6.0 / 6.0	6.0 / 6.0
5.2	Lifting speed, with / without load		m/s	0.16 / 0.33	0.14 / 0.33	0.15 / 0.32
5.3	Lowering speed, with / without load		m/s	0.46 / 0.35	0.45 / 0.35	0.43 / 0.34
5.7	Gradeability, with / without load		%			
5.8	Maximum gradeability with / without load		%	8 / 15	8 / 15	8 / 15
5.9	Acceleration time (10 metres) with / without load		S			
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric	Electric
	ELECTRIC MOTORS					
6.1	Drive motor capacity (60 min. short duty)		kW	1.0	1.0	1.0
6.2	Lift motor output at 15% duty factor		kW	2.2	2.2	3.2
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 250	24 / 250	24 / 250 - 375
6.5	Battery weight		kg	210	210	210
	MISCELLANEOUS					
8.1	Type of drive control			Stepless	Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work L	pAZ	dB(A)	64		
10.7.2	Whole-body vibration (EN 13 059:2002)		,	-	-	-
	Hand-arm vibration (EN 13 059:2002)			< 2.5	< 2.5	< 2.5
10.7.3						

1) -64 mm with 150 Ah battery



SBP12 - 16N3I Series

PEDESTRIAN STACKER WITH INITIAL LIFT

1.2 - 1.6 tonnes



	CHARACTERISTICS						
1.1	Manufacturer			Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.2	Manufacturer's model designation			SBP10N3R	SBP12N3R	SBP14N3R	SBP16N3R
1.3	Power source			Battery	Battery	Battery	Battery
1.4	Operator type			Pedestrian / Stand-on	Pedestrian / Stand-on	Pedestrian / Stand-on	Pedestrian / Stand-on
1.5	Load capacity	Q	kg	1000	1200	1400	1600
1.6	Load center distance	С	mm	600	600	600	600
1.8	Load wheel axle to fork face (forks lowered)	X	mm	700	750	750	750
1.9	Wheelbase	у	mm	1215	1330	1330	1330
	WEIGHT	,					
2.1b	Truck weight without load, with maximum battery weight		kg	860	1100	1100	1100
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	715 / 1155	840 / 1400	860 / 1580	990 / 1795
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	640 / 220	860 / 320	740 / 295	860 / 320
	WHEELS, DRIVE TRAIN						
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul	Vul / Vul	Vul / Vul	Vul / Vul
3.2	Tyre dimensions, drive side		mm	230 × 70	230 × 70	230 × 70	230 × 70
3.3	Tyre dimensions, load side	Ø	mm	85 × 90	85 × 90	85 × 75	85 × 75
3.4	Castor wheel dimensions (diameter x width)		mm	125 × 60	125 × 60	125 × 60	125 × 60
3.5	Number of wheels, load / drive side (x = driven)			1 + 1 x / 2	1 + 1 x / 2	1 + 1 x / 4	1 + 1 x / 4
3.6	Track width (center of tyres), drive side	b10	mm	515	515	515	515
3.7	Track width (center of tyres), load side	b11	mm	385	385	385	385
	DIMENSIONS						
4.2b	Height	h1	mm	see tables	see tables	see tables	see tables
4.3	Free lift	h2	mm	see tables	see tables	see tables	see tables
4.4	Lift height	h3	mm	see tables	see tables	see tables	see tables
4.5	Height with mast extended	h4	mm	see tables	see tables	see tables	see tables
4.6	Initial lift	h5	mm	-	-	-	-
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	1155 / 1550	1155 / 1550	1155 / 1550	1155 / 1550
4.15	Fork height, fully lowered	h13	mm	90	90	90	90
4.19	Overall length	l1	mm	1955 / 2435	2020 / 2500	2020 / 2500	2020 / 2500
4.20	Length to fork face	l2	mm	805 / 1285	870 / 1350	870 / 1350	870 / 1350
4.21	Overall width	b1/b2	mm	800	800	800	800
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	56 / 186 / 1150	56 / 186 / 1150	56 / 186 / 1150	56 / 186 / 1150
4.24	Fork carriage width	b3	mm	750	750	750	750
4.25	Outside width over forks (minimum / maximum)	b5	mm	570	570	570	570
4.26	Inner width of support legs	b4	mm	-	-	-	-
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	20	20	20	20
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm				
4.33b	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise	Ast3	mm				
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm	2420 / 2900	2550 / 3050	2550 / 3050	2550 / 3050
4.33d	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast3	mm				
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm				
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm				
4.34c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	2350 / 2830	2660 / 2980	2660 / 2980	2660 / 2980
4.34d	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast3	mm				
4.35	Turning radius	Wa	mm	1578 / 2058	1692 / 2172	1692 / 2172	1684 / 2170
	PERFORMANCE						
5.1	Travel speed, with / without load		km / h	6.0 / 6.0	6.0 / 6.0	6.0 / 6.0	6.0 / 6.0
5.2	Lifting speed, with / without load		m/s	0.15 / 0.30	0.16 / 0.33	0.14 / 0.33	0.15 / 0.32
5.3	Lowering speed, with / without load		m/s	0.29 / 0.32	0.46 / 0.35	0.45 / 0.35	0.43 / 0.34
5.7	Gradeability, with / without load		%				
5.8	Maximum gradeability with / without load		%	8 / 15	8 / 15	8 / 15	8 / 15
5.9	Acceleration time (10 metres) with / without load		S				
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric	Electric	Electric
	ELECTRIC MOTORS						
6.1	Drive motor capacity (60 min. short duty)		kW	1.0	1.0	1.0	1.0
6.2	Lift motor output at 15% duty factor		kW	2.2	2.2	2.2	3.2
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 150 - 250	24 / 150 - 250	24 / 250	24 / 250 - 375
6.5	Battery weight		kg	150	210	210	210
	MISCELLANEOUS		9				
8.1	Type of drive control			Stepless	Stepless	Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work Ly	DAZ	dB(A)				
10.7.2	Whole-body vibration (EN 13 059:2002)			0.8	0.8	0.8	0.8
10.7.3	Hand-arm vibration (EN 13 059:2002)			< 2.5	< 2.5	< 2.5	< 2.5



SBP10 - 16N3R Series

PEDESTRIAN STACKER WITH FOLDING PLATFORM

1.0 - 1.6 tonnes



SBP12N3R

	CHARACTERISTICS					
1.1	Manufacturer			Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.2	Manufacturer's model designation			SBP12N3IR	SBP14N3IR	SBP16N3IR
1.3	Power source			Battery	Battery	Battery
1.4	Operator type				Pedestrian / Stand-on	,
1.5	Load capacity	Q	kg	1200	1400	1600
1.6	Load center distance	С	mm	600	600	600
1.8	Load wheel axle to fork face (forks lowered)	X	mm	925	925	925
1.9	Wheelbase			1610	1610	1610
1.7	WEIGHT	у	m m	1010	1010	1010
0.11	Truck weight without load, with maximum battery weight		l.m	1175	1175	1175
2.1b	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	1175	1175	1175
2.2	· ·		kg	1030 / 1350	1115 / 1460	1200 / 1575
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	840 / 335	840 / 335	840 / 335
	WHEELS, DRIVE TRAIN					
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul	Vul / Vul	Vul / Vul
3.2	Tyre dimensions, drive side		mm	230 × 70	230 × 70	230 × 70
3.3	Tyre dimensions, load side	Ø	mm	85 × 90	85 × 75	85 × 75
3.4	Castor wheel dimensions (diameter x width)		mm	125 × 60	125 × 60	125 × 60
3.5	Number of wheels, load / drive side (x = driven)			1 + 1 x / 2	1 + 1 x / 4	1 + 1 x / 4
3.6	Track width (center of tyres), drive side	b10	mm	515	515	515
3.7	Track width (center of tyres), load side	b11	mm	385	385	385
	DIMENSIONS					
4.2b	Height	h1	mm	see tables	see tables	see tables
4.3	Free lift	h2	mm	see tables	see tables	see tables
4.4	Lift height	h3	mm	see tables	see tables	see tables
4.5	Height with mast extended	h4	mm	see tables	see tables	see tables
4.6	Initial lift	h5	mm	200	200	200
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	1155 / 1550	1155 / 1550	1155 / 1550
4.15	Fork height, fully lowered	h13	mm	90	90	90
4.19	Overall length	l1	mm	2125 / 2605	2125 / 2605	2125 / 2605
4.20	Length to fork face	l2	mm	975 / 1455	975 / 1455	975 / 1455
4.21	Overall width	b1/b2	mm	800	800	800
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	56 / 186 / 1150	56 / 186 / 1150	56 / 186 / 1150
4.24	Fork carriage width	b3		750	750	750
4.24	Outside width over forks (minimum / maximum)	b5	mm		570	
	Inner width of support legs		mm	570	570	570
4.26		b4	mm		-	-
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	20	20	20
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm			
4.33b	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise	Ast3	mm			
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm	2743 / 3223	2743 / 3223	2743 / 3223
4.33d	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast3	mm			
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm			
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm			
4.34c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	2657 / 3137	2657 / 3137	2657 / 3137
4.34d	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast3	mm			
4.35	Turning radius	Wa	mm	1972 / 2452	1972 / 2452	1972 / 2452
	PERFORMANCE					
5.1	Travel speed, with / without load		km / h	6.0 / 6.0	6.0 / 6.0	6.0 / 6.0
5.2	Lifting speed, with / without load		m/s	0.16 / 0.33	0.14 / 0.33	0.15 / 0.32
5.3	Lowering speed, with / without load		m/s	0.46 / 0.35	0.45 / 0.35	0.43 / 0.34
5.7	Gradeability, with / without load		%			
5.8	Maximum gradeability with / without load		%	8 / 15	8 / 15	8 / 15
5.9	Acceleration time (10 metres) with / without load		s	0710	0,10	0 / 10
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)		3	Electric	Electric	Electric
3.10	ELECTRIC MOTORS			Liectific	Liectric	Liectric
6.1	Drive motor capacity (60 min. short duty)		kW	1.0	1.0	1.0
	Lift motor output at 15% duty factor			2.2	2.2	
6.2			kW			3.2
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 150 - 250	24 / 250	24 / 250 - 375
6.5	Battery weight		kg	210	210	210
	MISCELLANEOUS				a	a
8.1	Type of drive control	. 47		Stepless	Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work L	PAZ	dB(A)			
10.7.2	Whole-body vibration (EN 13 059:2002)			0.8	0.8	0.8
10.7.3	Hand-arm vibration (EN 13 059:2002)			< 2.5	< 2.5	< 2.5



SBP12 - 16N3IR Series

PEDESTRIAN STACKER WITH INITIAL LIFT AND FOLDING PLATFORM

1.2 - 1.6 tonnes

	CHARACTERISTICS				
1.1	Manufacturer			Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.2	Manufacturer's model designation			SBP16N3S	SBP16N3SR
1.3	Power source			Battery	Battery
1.4	Operator type			Pedestrian	Pedestrian / Stand-on
1.5	Load capacity	Q	kg	1600	1600
1.6	Load center distance	С	mm	600	600
1.8	Load wheel axle to fork face (forks lowered)	X	mm	750	750
1.9	Wheelbase	У	mm	1395	1395
1.7	WEIGHT	,		1070	1070
2.1b	Truck weight without load, with maximum battery weight		kg	1288	1440
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	1045 / 1870	1215 / 1985
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	892 / 396	1020 / 420
2.5	WHEELS, DRIVE TRAIN		Ng	072 / 370	1020 / 420
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul / Vul	Vul / Vul
3.2	Tyre dimensions, drive side		mm	230 × 70	230 × 70
3.3	Tyre dimensions, load side	Ø	mm	85 × 75	85 × 75
	Castor wheel dimensions (diameter x width)	U U			
3.4	Number of wheels, load / drive side (x = driven)		mm	125 × 60	125 × 60
3.5		L-10		1 + 1 x / 4	1 + 1 x / 4
3.6	Track width (center of tyres), drive side	b10	mm	515	515
3.7	Track width (center of tyres), load side	b11	mm	1025-1425	1025-1425
	DIMENSIONS				
4.2b	Height	h1	mm	see tables	see tables
4.3	Free lift	h2	mm	see tables	see tables
4.4	Lift height	h3	mm	see tables	see tables
4.5	Height with mast extended	h4	mm	see tables	see tables
4.6	Initial lift	h5	mm	-	-
4.9	Height of tiller arm / steering console (min./max.)	h14	mm	865 / 1420	1155 / 1550
4.15	Fork height, fully lowered	h13	mm	85	85
4.19	Overall length	l1	mm	1965	2085 / 2565
4.20	Length to fork face	l2	mm	815	935 / 1415
4.21	Overall width	b1/b2	mm	800 / 1140 - 1575	800 / 1140 - 1575
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	40 / 100 / 1150	40 / 100 / 1150
4.24	Fork carriage width	b3	mm	980	980
4.25	Outside width over forks (minimum / maximum)	b5	mm	260-900	260-900
4.26	Inner width of support legs	b4	mm	900-1300	900-1300
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	20	20
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm		
4.33b	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise	Ast3	mm		
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm	2580	2690/3170
4.33d	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast3	mm	2300	207070170
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm		
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm		
	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down			2500	2/00/2170
4.34c	Working alse width (Ast3) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm	2580	2690/3170
4.34d		Ast3	mm	4/05	4555 / 0005
4.35	Turning radius	Wa	mm	1637	1757 / 2237
	PERFORMANCE			40440	
5.1	Travel speed, with / without load		km / h	6.0 / 6.0	6.0 / 6.0
5.2	Lifting speed, with / without load		m/s	0.15 / 0.32	0.15 / 0.32
5.3	Lowering speed, with / without load		m/s	0.43 / 0.34	0.5 / 0.34
5.7	Gradeability, with / without load		%		
5.8	Maximum gradeability with / without load		%	8 / 15	8 / 15
5.9	Acceleration time (10 metres) with / without load		S		
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric
	ELECTRIC MOTORS				
6.1	Drive motor capacity (60 min. short duty)		kW	1.0	1.0
6.2	Lift motor output at 15% duty factor		kW	3.2	3.2
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 250 - 375	24 / 250 - 375
6.5	Battery weight		kg	210	210
	MISCELLANEOUS				
8.1	Type of drive control			Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work L	.pAZ	dB(A)		
10.7.2	Whole-body vibration (EN 13 059:2002)		GD(/1)	-	0.8
10.7.2	Hand-arm vibration (EN 13 059:2002)			< 2.5	< 2.5
10.7.3				~ Z.J	< Z.J



SBP16N3S/16N3SR Series

PEDESTRIAN STACKER WITH WIDE STRADDLE AND FOLDING PLATFORM

1.6 tonnes



SBP16N3S

MAST PERFORMANCE AND CAPACITY



SBP10-16N3 & SBP12N2C Series

PEDESTRIAN STACKER

1.0 - 1.6 tonnes

SBP10N3 / 10N3R	MAST TYPE	h3 + h13 mm	h1 mm	h4 mm	h2 + h13 mm	MAST TYPE	ŀ
DUPLEX 2500 1775 3000 195 3300 2175 3800 195 3300 2175 3800 195 3300 2175 3800 195 3300 2175 3800 195 3800 217		SBP1	DN3 / 10I	N3R		SBP1	2/
DUPLEX 2900 1975 3400 195 3300 2175 3800 195	SIMPLEX	1500	1980	1980	1500	SIMPLEX	
SBP12N2C TRIPLEX SBP12N14		2500	1775	3000	195		
TRIPLEX FREE-LIFT TRIPLEX TR	DUPLEX	2900	1975	3400	195		
DUPLEX		3300	2175	3800	195	DUPLEX	
DUPLEX 2090 1550" 2445 NA SBP12/14/16N3 / SBP12/14/16N3R SIMPLEX 1500 1950 1950 1500 2500 1835 3000 200 2900 2035 3400 200 3300 2235 3800 200 4300 2735 4800 200 2500 1775 2940 1355 2900 1975 3340 1555 2900 1975 3340 1555 3600 2385 4100 1905 4300 2735 4800 2255 SIMPLEX 3300 2235 3800 1755 3600 2385 4100 1905 4300 2735 4800 2255 TRIPLEX 4300 2020 4840 - 5400" 2153 5240 - 5400" 2385 5940 - 100 1955 4640 1475 TRIPLEX 4300 2020 4840 1540 FREE-LIFT 4700 2153 5240 1673		SI	BP12N2C				
SBP12/14/16N3 / SBP12/14/16N3R SIMPLEX 1500 1950 1950 1500 2500 1835 3000 200 2900 2035 3400 200 2000 3600 2385 4100 200 4300 2735 4800 200 2500 1775 2940 1355 2900 1975 3340 1555 3300 2235 3800 1755 3400 2235 3800 1755 3400 2235 3800 1755 3600 2385 4100 1905 4300 2735 4800 2255 SIMPLEX TRIPLEX 4300 2020 4840 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 1475 4400 1955 4640 1475 4400 1955 4640 1475 4400 2153 5240 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1673 1675 16		1790	1400¹)	2145	NA		-
SBP12/14/16N3 / SBP12/14/16N3R FREE-LIFT	DUPLEX	2090	1550¹)	2445	NA		
DUPLEX 2500 1835 3000 200 2900 2035 3400 200 3300 2235 3800 200 3600 2385 4100 200 4300 2735 4800 200 2500 1775 2940 1355 2900 1975 3340 1555 3300 2235 3800 1755 3600 2385 4100 1905 4300 2735 4800 2255 S TRIPLEX 4300 2735 4800 2255 S SIMPLEX 4300 2020 4840 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 1475 4400 1955 4640 1475 4400 2153 5240 1540 FREE-LIFT 4700 2153 5240 1673 1673	SBP	12/14/16N	13 / SBP1	2/14/16	N3R		
DUPLEX 2900 2035 3400 200 3300 2235 3800 200 3600 2385 4100 200 4300 2735 4800 200 2500 1775 2940 1355 2900 1975 3340 1555 3600 2385 4100 1905 4300 2735 4800 2255 4100 1955 4640 - 4300 2735 4800 2255 4100 1955 4640 - 4300 2020 4840 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 - 4400 1955 4640 1475 4400 1955 4640 1475 4400 1955 4640 1475 4400 2153 5240 1673 1673 1673	SIMPLEX	1500	1950	1950	1500		
DUPLEX 3300 2235 3800 200 TRIPLEX 3600 2385 4100 200 4300 2735 4800 200 2500 1775 2940 1355 2900 1975 3340 1555 3600 2385 4100 1905 4300 2735 4800 2255 TRIPLEX 4300 2735 4800 2255 SIMPLEX 4300 2735 4640 - 5400 2153 5240 - 54002 2385 5940 - 54002		2500	1835	3000	200		
3600 2385 4100 200		2900	2035	3400	200		
A300 2735 4800 200	DUPLEX	3300	2235	3800	200	TRIPLEX	
DUPLEX FREE-LIFT 2500 1775 2940 1355 2900 1975 3340 1555 3300 2235 3800 1755 3600 2385 4100 1905 4300 2735 4800 2255 TRIPLEX 4300 2020 4840 - 4400 2153 5240 - 54002 2385 5940 - 4100 1955 4640 1475 4300 2020 4840 1540 1540 FREE-LIFT 4700 2153 5240 1673 1673 1673 1673		3600	2385	4100	200		
DUPLEX FREE-LIFT 3300 2235 3800 1755 3600 2385 4100 1905 4300 2735 4800 2255 S 4100 1955 4640 - 4700 2153 5240 - 54002 2385 5940 - 4100 1955 4640 1475 4300 2020 4840 1540 FREE-LIFT 4700 2153 5240 1540 FREE-LIFT 4700 2153 5240 1673		4300	2735	4800	200		-
DUPLEX FREE-LIFT 3300 2235 3800 1755 3600 2385 4100 1905 4300 2735 4800 2255 S TRIPLEX 4300 2020 4840 - 5400 2153 5240 - 54002 2385 5940 - 54002 2385 5940 - 54002 2153 5240 1400 1955 4640 1475 4300 2020 4840 1540 FREE-LIFT 4700 2153 5240 1673		2500	1775	2940	1355		
3300 2235 3800 1755 3600 2385 4100 1905 4300 2735 4800 2255 S		2900	1975	3340	1555		
3600 2385 4100 1905 4300 2735 4800 2255 8 4100 1955 4640 - 4300 2020 4840 - 54002 2385 5940 - 54002 2385 5940 - 4100 1955 4640 1475 1 TRIPLEX 4300 2020 4840 1540 FREE-LIFT 4700 2153 5240 1673		3300	2235	3800	1755	I KEE-EII I	
TRIPLEX	FREE-LIFT	3600	2385	4100	1905		
TRIPLEX		4300	2735	4800	2255		s
TRIPLEX 4300 2020 4840 - 4700 2153 5240 - 5400 ²⁰ 2385 5940 - 4100 1955 4640 1475 TRIPLEX 4300 2020 4840 1540 FREE-LIFT 4700 2153 5240 1673		4100	1955	4640	-	SIMPLEX	
100 2153 5240 -		4300	2020	4840	-		ī
4100 1955 4640 1475 TRIPLEX 4300 2020 4840 1540 FREE-LIFT 4700 2153 5240 1673	TRIPLEX	4700	2153	5240	-		
4100 1955 4640 1475 TRIPLEX 4300 2020 4840 1540 FREE-LIFT 4700 2153 5240 1673		5400 ²⁾	1980 1980 1775 3000 1975 3400 2175 3800 SBP12N2C 1400 ¹⁾ 2145 1550 ¹⁾ 2445 6N3 / SBP12/14/16N 1950 1950 1835 3000 2035 3400 2235 3800 2385 4100 2735 4800 1775 2940 1975 3340 2235 3800 2385 4100 2735 4800 1775 4800 1775 4800 1775 4800 1775 4800 1775 3400 2385 4100 2735 4800 2385 4100 2735 4800 2735 5240	-	DUPLEX		
FREE-LIFT 4700 2153 5240 1673		4100	1955	4640	1475	DOI LLX	
FREE-LIFT 4700 2153 5240 1673	TRIPLEX	4300	2020	4840	1540		
5400 ²⁾ 2385 5940 1905		4700	2153	5240	1673		
		5400 ²⁾	2385	5940	1905		

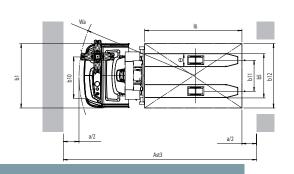
1) h1 closed mast height includes polycarbonate finger protection. Mast height excl. finger protection is 1343mm / 1493mm.

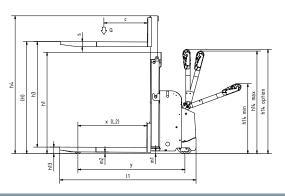
2) 14/16, 14I/16I, 14R/16R and 14IR/16IR only.

h3+h13 = Lifting height h1 = Lowered mast height Raised mast height h2+h13 = Free lift

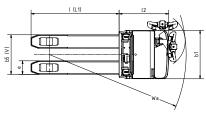
	TYPE	mm	mm	mm	mm					
	SBP12/14/16N3I / SBP12/14/16N3IR									
	SIMPLEX	1500	2055	2055	1505					
		2500	1940	3105	200					
		2900	2140	3505	200					
	DUPLEX	3300	2340	3905	200					
		3600	2490	4205	200					
		4300	2840	4905	200					
		2500	1940	3105	1360					
		2900	2140	3505	1560					
	DUPLEX FREE-LIFT	3300	2340	3905	1760					
	FREE-LIFT	3600	2490	4205	1910					
		4300	2840	4905	2260					
		4100	2060	4745	-					
		4300	2125	4945	-					
	TRIPLEX	4700	2260	5345	-					
		5400 ²⁾	2490	6045	-					
		4100	2060	4745	1480					
	TRIPLEX	4300	2125	4945	1545					
	FREE-LIFT	4700	2260	5345	1673					
		5400 ²⁾	2490	6045	1910					
		SBP16N3	S / SBP	16N3SR						
	SIMPLEX	1500	2030	2030	1500					
		2500	1915	3080	195					
		2900	2115	3480	195					
	DUPLEX	3300	2315	3880	195					
		3600	2465	4180	195					
		4300	2815	4880	195					
		2500	1915	3080	1355					
		2900	2115	3480	1555					
	DUPLEX	3300	2315	3880	1755					
n	FREE-LIFT	3600	2465	4180	1905					
		4300	2815	4880	2255					
		4100	2035	4720	-					
	TOID! EX	4300	2100	4920	-					
	TRIPLEX	4700	2233	5320	-					
		5400	2465	6020	-					
		4100	2035	4720	1475					
	TRIPLEX	4300	2100	4920	1540					
	FREE-LIFT	4700	2233	5320	1753					
		5400	2465	6020	1905					

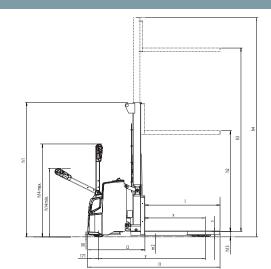
SBP10 / 12 / 14 / 16N3



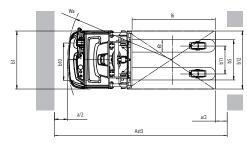


SBP12N2C **COMPACT STACKER**





SBP12 / 14 / 16N3I INITIAL LIFT

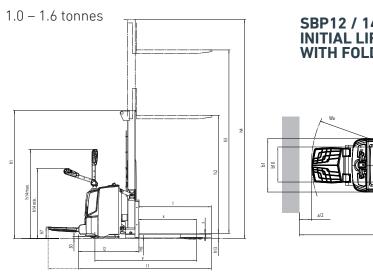


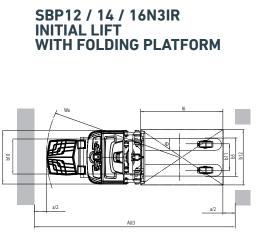
MAST PERFORMANCE AND CAPACITY

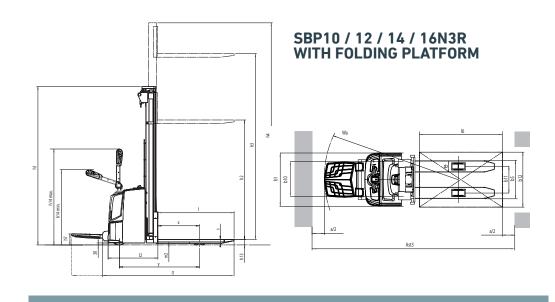
AXÍA ES

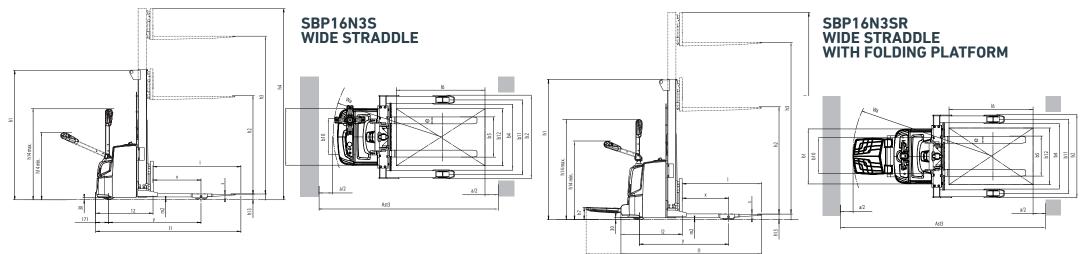
SBP10-16N3 Series

PEDESTRIAN STACKER









Ast = Working aisle width Ast3 = Working aisle width (b12 <1000 mm) Ast = Wa + $\sqrt{(16 - x)^2 + (b12 / 2)^2} + a$ Ast3 = Wa + l6 -x +a

Wa = Turning radius l6 = Pallet length

x = Load wheel axle to fork face

b12 = Pallet width

a = Safety clearance = 2 x 100 mm

STANDARD EQUIPMENT & OPTIONS

= Standard										
(●) = Standard on initial lift models only										
= Option	SBP10N3(R)	SBP12N2C	SBP12N3(I)	SBP14N3(I)	SBP16N3(I)	SBP12N3(I)R	SBP14N3(I)R S	BP16N3(I)R	SBP16N3S	SBP16N3SF
GENERAL							_			
LED discharge indicator, no hour meter	•	-	•	•	•	•	•	•	•	•
Multifunctional display, including hour meter	-	•	-	-	-	-	-	-	-	-
Micro-computer incl. hour meter and battery indicator	-	•	-	-	-	-	_	-	-	-
PIN code login 99 codes	_	•	_	_	_	_	_	_	_	_
PIN code login 4 codes	•	-	•	•	•	•	•	•	•	•
Offset tiller arm	-	•	-	-	-	-	-	-	_	-
Chill store design, down to -10°C, with rust-protected axles	_		_	-	_	_	-	_	_	_
Speed regulated lifting and proportional valve for lowering, controlled by roc switch on tiller head.	cker	•	•	•	•	•	•	•	•	•
Polyurethane drive wheel	•	•	•	•	•	•	•	•	•	•
Polyurethane drive wheel or rubber				_		_		_		
Initial lift	_	-	(•)	(•)	(•)	(•)	(•)	(()	_	_
Single load wheels polyurethane	•	•		-	-	-	-	-	_	_
Tandem load wheels polyurethane				•	•	•	•	•	•	•
Adjustable width between straddle load legs; 900mm - 1300mm	-	_	_		-	_		_		
Sideways battery change (250Ah battery only)	_	_	•	•	•	•	•	•	•	
Li-ion batteries*	•	•		•	•	•	•			
ENVIRONMENT										
Cold store design, 0°C to -35°C (0°C to -30°C, SBP12N2C)	•	•	•	•	•	•	•	•	•	•
DRIVE AND LIFT CONTROLS										
Tiller up drive	•	•	•	•	•	•	•	•	•	•
WHEEL OPTIONS										
Polyurethane traction and load wheels	•	•	•	•	•	•	•	•	•	•
Power friction traction wheel	•			•	•	•		•	•	
Non-marking drive wheeel	-		-	-	-	-	-	-	-	-
Anti-static drive wheel	_	•	_	_	_	-	_	_	_	-
OTHER OPTIONS										
Speed reduction 0,5km/h above 1000 mm lift, duplex and triplex masts with	out		_	_	_	_	_	_	_	_
free lift	-	-								
Speed reduction 0,5km/h above free lift, duplex and triplex masts with free	lift -	_	•	•	•	•				•
Side stabilizers (not on (I) model)	-	-	-	_	•	_	_	•	-	-
Inbuilt charger, 30A		_	•	•		•		•		_
Diselectric band	-	•	-	-	-	-	-	-	-	-
Key switch	•	•	•	•	•	•	•	•	•	•
Piezo buzzer instead of standard horn	-		-	-	-	-	-	-	-	-
Special RAL colour						•	•			•
Load backrest	•	•	•	•		•	•	•	•	•
Accessory rack	•	-			•			•	•	•
List bracket, A4 size	•	-	•	•	•	•	•	•	•	•
Battery Creep	-	•	-	-	-	-	-	-	-	-
Battery level audible warning	-	•	-	-	-	-	-	-	-	-
Service alarm	-	•	-	-	-	-	-	-	-	-
Automatic log off	-	•	-	-	-	-	-	-	-	-
Revert to low speed at log off	-		-	-	-	-	-	-	-	-

^{*} Li-ion battery option is available in selected regions.



PEDESTRIAN STACKER

1.0 – 1.6 tonnes



Standard tiller head

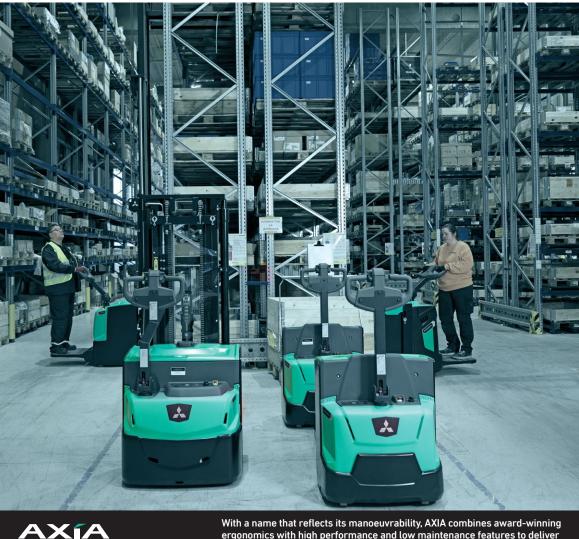


Side stabilizers



Multifunctional display (SBP12N2C)

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THE ALL ROUNDER











