

AXiA EX

SIT-ON STACKERS

1.6 – 2.0 tonnes

GIANT PERFORMANCE COMPACT PACKAGE

The AXiA EX sit-on stacker is a flexible and cost-effective choice for stacking and internal transport in warehousing, manufacturing, and anywhere else safe, productive stacking is required. Platform stackers are more commonly used for these tasks but with an aisle width (AST) requirement of 2.8m (vs 2.5m on the AXiA EX) and lift heights of only 5.4m (vs 7.0m for the AXiA EX), it's easy to see where the sit-on stacker presents an opportunity to make much better use of space.

SPECIFICATIONS

SBS16N2	SBS20N2
SBS16N2I	SBS20N2I
SBS16N2S	SBS20N2S

SBS16-20N2(I)(S) Series



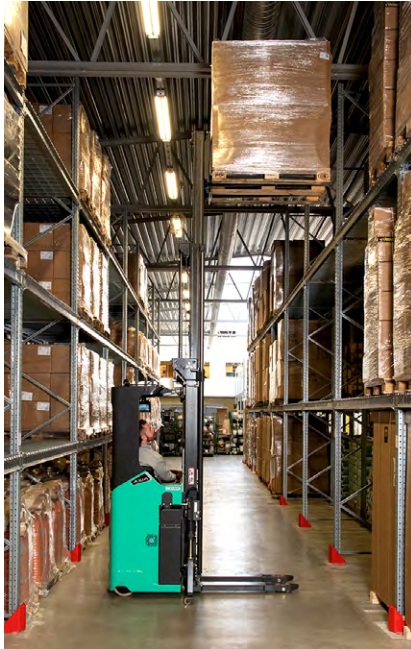
WHEN
**RELIABILITY IS
EVERYTHING...**

AXiA EX

SBS16-20N2(I)(S) Series

SIT-ON STACKERS

1.6 – 2.0 tonnes



Many companies use reach trucks for stacking tasks, but they may be over specified for the task. For these jobs the AXiA sit-on stacker makes an excellent cost efficient alternative. Wide straddle models are available with lower profile forged forks to allow greater flexibility in pallet handling, including closed and specialised load carrier material. These models also enable the use of a variety of special handling attachments e.g. spikes, clamps, rolls, etc.

BRAKES

- **High-efficiency regenerative braking**
This gives more effective control and reduces brake wear.

DRIVE

- **Powerful AC drive motor**
High torque for greater efficiency. No carbon brushes mean lower servicing requirements.
- **Intelligent Cornering System**
The truck senses the angle of a turn and reduces speed early for maximum stability and accurate, positive cornering.
- **Automatic Speed Reduction**
Drive speed is automatically limited when forks are above 1.52m (1.6-tonne models) or 1.44m (2.0-tonne models) to allow higher capacities above that height.
- **High travel speeds**
Boosted productivity with optional top speed of up to 12 km/h with load trailing. (Narrow straddle models. Wide straddle models 8 km/h standard).



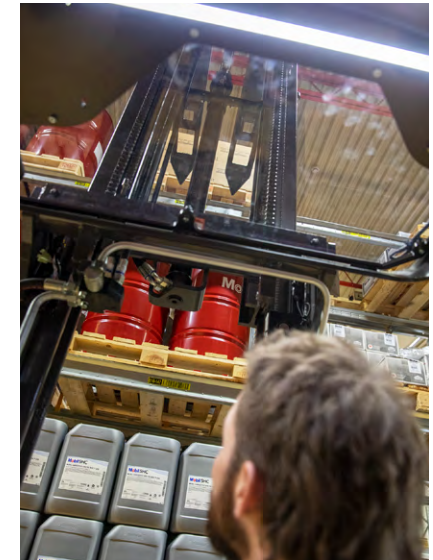
ELECTRICAL AND CONTROL SYSTEMS

- **Built-in Li-ion battery**
Fast opportune charging removes the need for extra batteries and allows 24/7 operation. (Junior chassis only)
- **Convenient charging**
An extra battery plug on the outside of the truck allows for easy charging without needing to disconnect the internal battery plug. (Lead acid batteries).
- **Combi controller lift system**
Fingertip control for speed regulated lifting and proportional valve for lowering.
- **Enhanced Stability System (ESS)**
4-point chassis for maximum stability, drive speed is reduced when forks are lifted, and acceleration is reduced when steering angle exceeds 45 degrees.

FORKS AND MAST

- **Tapered and angled fork tips**
Access to pallets in racks or block stacks is easier, quicker and safer.
- **Level Assistance System**
Automatically detects the operator's intention and automatically stops when the forks are at precisely at the right level. (Option)
- **Laser positioning guide**
Aligning the red laser line with the centre of the pallet pocket allows the driver to quickly ensure the forks are in the desired position. (Option)
- **Initial Lift**
Can be used as a double pallet handler. (Option on (i) models only)

- **Wide Straddle Legs**
Tandem wheels and low profile forged forks as standard. A variety of specialised handling attachments can be used in place of the fork carriage. (Wide straddle models only)
- **Robust, clear view mast**
Optimised design means excellent visibility of the forks and load.
- **Exceptionally smooth 'no knock' transition between mast stages**
Vulkollan dampers ensure quieter movement over the lift range.
- **Load carrier stop in Initial Lift models**
This enables quicker, easier, and safer alignment when double stacking pallets.
- **Smooth landing of the fork carriage**
Hydraulic attenuation in the free-lift cylinder makes this much quieter.



For more information on AXiA EX please visit our website



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AXiA EX

SBS16-20N2(I)(S) Series

SIT-ON STACKERS

1.6 – 2.0 tonnes



FRAME AND BODY

- **Robust chassis**
Built for intensive operations, with great inherent strength and high residual capacities. Designed to enclose the operator within for extra safety.
- **Strong battery lock**
Simple and safe. Battery lock can only be unlocked when battery plug is disconnected. Battery plug can only be reconnected if battery is locked.
- **Excellent ground clearance**
Easy and safe handling on loading docks and ramps.
- **RapidAccess features**
These allow quick and easy entry to all areas for checks and maintenance.
- **Waterproof wiring and connectors**
Sealed compartment prevents system failure and corrosion from water and dust.
- **Overhead guard pillars**
Protection for the operator while still offering excellent visibility.

HYDRAULICS

- **Smooth, quick lifting and lowering**
High levels of control and productivity. Low noise means less fatigue for the operator over long shifts.

OPERATOR COMPARTMENT AND CONTROLS

- **Comfortable seat**
Adjustable so drivers can find their ideal working position for less fatigue over long shifts.
- **Plenty of storage space**
Storage for on-board essentials, putting clipboard, mobile phone, drinks bottle and pen all within easy reach.
- **Ultra-low step height**
Operators stay more productive throughout shifts thanks to easy on/off access.
- **Direction switch on handle**
Alternative for drivers who prefer hand control rather than direction control on a pedal. Standard with cold storage modification or 360-degree steering. (Option)
- **Temperature controlled fans**
Low noise for a more comfortable working environment.
- **Adjustable floor height**
More adaptable working position to suit a wide range of operator heights. (Option)

STEERING SYSTEM

- **Mini steering wheel with floating armrest**
Fully ergonomically adjustable, its unique design allows the operator to adopt a more relaxed and natural driving position. This reduces arm and shoulder strain and lowers the risk of RSI.
- **360-degree steering**
The operator can keep the truck in constant motion - saving seconds on every turn. (Option)
- **Dynamic Power Steering**
Smooth, precise control with minimum effort offering maximum comfort and stability at top speed.



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AXIA EX 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, deep-discharge 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.

Continuing improvement may lead to changes in these specifications

Clean Li-ion batteries are ideal for sensitive environments such as those in the food or packaging industries.

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.

For more information on Li-ion please visit our website

mft2.eu/ion

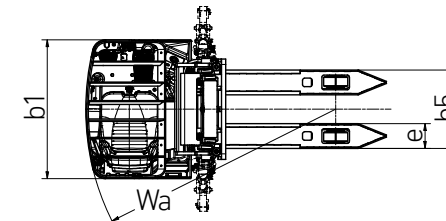
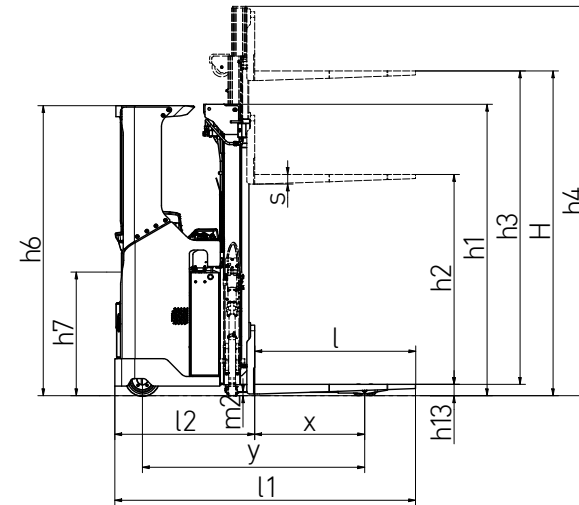
VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks	
1.1	Manufacturer			Mitsubishi Forklift Trucks	
1.2	Manufacturer's model designation			SBS16N2	SBS20N2
1.3	Power source			Battery	Battery
1.4	Operator type			Sit-on	Sit-on
1.5	Load capacity	Q	kg	1600	2000
1.6	Load center distance	c	mm	600	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	800	800
1.9	Wheelbase	y	mm	1616 ¹⁾	1665 ¹⁾
WEIGHT					
2.1b	Truck weight without load, with maximum battery weight		kg	1866	2127
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	1466 / 2000	1690 / 2438
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	1306 / 560	1490 / 638
WHEELS, DRIVE TRAIN					
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	250 x 105	250 x 105
3.3	Tyre dimensions, load side	ø	mm	85 x 70	85 x 70
3.4	Castor wheel dimensions (diameter x width)		mm	150 x 55	150 x 55
3.5	Number of wheels, load / drive side (x = driven)			4 / 1x + 2	4 / 1x + 2
3.6	Track width (center of tyres), drive side	b10	mm	706	706
3.7	Track width (center of tyres), load side	b11	mm	402	392
DIMENSIONS					
4.2a	Height with mast lowered	h1	mm	see tables	see tables
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	-	-
4.7	Height to top of overhead guard	h6	mm	2110	2110
4.8	Seat- or stand height	h7	mm	966	966
4.10	Height of support legs	h8	mm	80	83
4.15	Fork height, fully lowered	h13	mm	89	90
4.19	Overall length	l1	mm	2189 ¹⁾	2238 ¹⁾
4.20	Length to fork face	l2	mm	1019 ¹⁾	1068 ¹⁾
4.21	Overall width	b1	mm	1010	1010
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	70 / 180 / 1170	70 / 195 / 1170
4.25	Outside width over forks (minimum / maximum)	b5	mm	570	570
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	25	23
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	2584 ²⁾	2632 ²⁾
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm	2419	2466
4.35	Turning radius	Wa	mm	1819 ²⁾	1866 ²⁾
PERFORMANCE					
5.1	Travel speed, with / without load		km/h	10 / 10	9 / 9
5.2	Lifting speed, with / without load		m/s	0.16 / 0.32	0.12 / 0.22
5.3	Lowering speed, with / without load		m/s	0.44 / 0.41	0.33 / 0.30
5.8	Maximum gradeability with / without load		%	6.7 / 6.7	5.9 / 5.9
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric
ELECTRIC MOTORS					
6.1	Drive motor capacity (60 min. short duty)		kW	2.7	2.7
6.2	Lift motor output at 15% duty factor		kW	4.0	4.0
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 375 - 775	24 / 375 - 775
6.5	Battery weight		kg	330 - 620	330 - 620
6.6a	Energy consumption according to EN16796 cycle		kWh/h	0.85 ³⁾	0.85 ³⁾
MISCELLANEOUS					
8.1	Type of drive control			AC	AC
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)	<70	<70

AXIA EX

SBS16-20N2 Series SIT-ON STACKERS

1.6 – 2.0 tonnes



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

- 1) When SN/BC775 then add 104 mm
- 2) Dimensions vary depending on battery carriage and mast type.
- 3) Varies according to configuration and actual usage pattern.

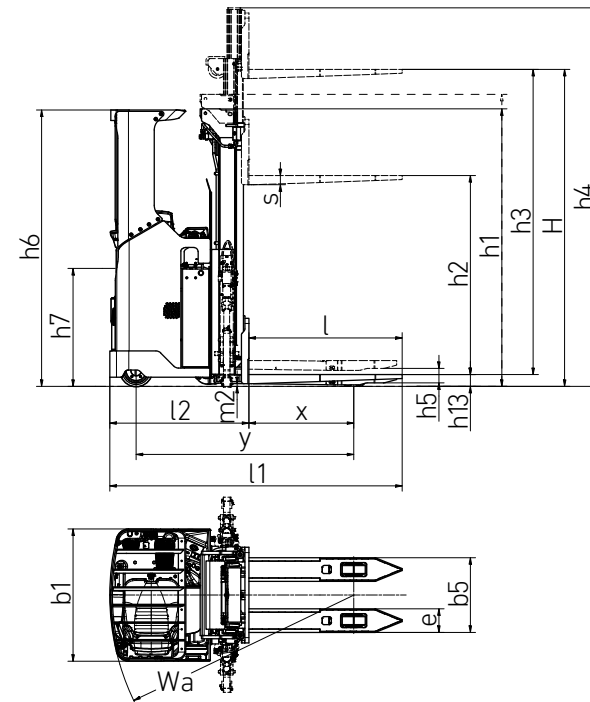
VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks	
1.1	Manufacturer			Mitsubishi Forklift Trucks	
1.2	Manufacturer's model designation			SBS16N2I	SBS20N2I
1.3	Power source			Battery	Battery
1.4	Operator type			Sit-on	Sit-on
1.5	Load capacity	Q	kg	1600	2000
1.6	Load center distance	c	mm	600	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	800	800
1.9	Wheelbase	y	mm	1661 ¹⁾	1720 ¹⁾
WEIGHT					
2.1b	Truck weight without load, with maximum battery weight		kg	2015	2294
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	1571 / 2045	1806 / 2488
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	1411 / 605	1606 / 688
WHEELS, DRIVE TRAIN					
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	250 × 105	250 × 105
3.3	Tyre dimensions, load side	ø	mm	85 × 70	85 × 70
3.4	Castor wheel dimensions (diameter x width)		mm	150 × 55	150 × 55
3.5	Number of wheels, load / drive side (x = driven)			4 / 1 × 2	4 / 1 × 2
3.6	Track width (center of tyres), drive side	b10	mm	706	706
3.7	Track width (center of tyres), load side	b11	mm	390	375
DIMENSIONS					
4.2a	Height with mast lowered	h1	mm	see tables	see tables
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	110	110
4.7	Height to top of overhead guard	h6	mm	2110	2110
4.8	Seat- or stand height	h7	mm	966	966
4.10	Height of support legs	h8	mm	87	87
4.15	Fork height, fully lowered	h13	mm	93	93
4.19	Overall length	l1	mm	2233 ¹⁾	2293 ¹⁾
4.20	Length to fork face	l2	mm	1063 ¹⁾	1123 ¹⁾
4.21	Overall width	b1	mm	1010	1010
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	70 / 180 / 1170	70 / 195 / 1170
4.25	Outside width over forks (minimum / maximum)	b5	mm	570	570
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	20	20
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	2627 ²⁾	2685 ²⁾
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm	2461	2520
4.35	Turning radius	Wa	mm	1861 ²⁾	1920 ²⁾
PERFORMANCE					
5.1	Travel speed, with / without load		km/h	9 / 9	9 / 9
5.2	Lifting speed, with / without load		m/s	0.16 / 0.32	0.12 / 0.22
5.3	Lowering speed, with / without load		m/s	0.44 / 0.41	0.33 / 0.30
5.8	Maximum gradeability with / without load		%	26.6 / 26.6	25.6 / 25.6
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric
ELECTRIC MOTORS					
6.1	Drive motor capacity (60 min. short duty)		kW	2.7	2.7
6.2	Lift motor output at 15% duty factor		kW	4.0	4.0
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 375 - 775	24 / 375 - 775
6.5	Battery weight		kg	330 - 620	330 - 620
6.6a	Energy consumption according to EN16796 cycle		kWh/h	0.85 ³⁾	0.85 ³⁾
MISCELLANEOUS					
8.1	Type of drive control			AC	AC
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)	<70	<70

AXIA EX

SBS16-20N2I Series SIT-ON STACKERS MODELS WITH INITIAL LIFT

1.6 – 2.0 tonnes



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

- 1) When SN/BC775 then add 104 mm
- 2) Dimensions vary depending on battery carriage and mast type.
- 3) Varies according to configuration and actual usage pattern.

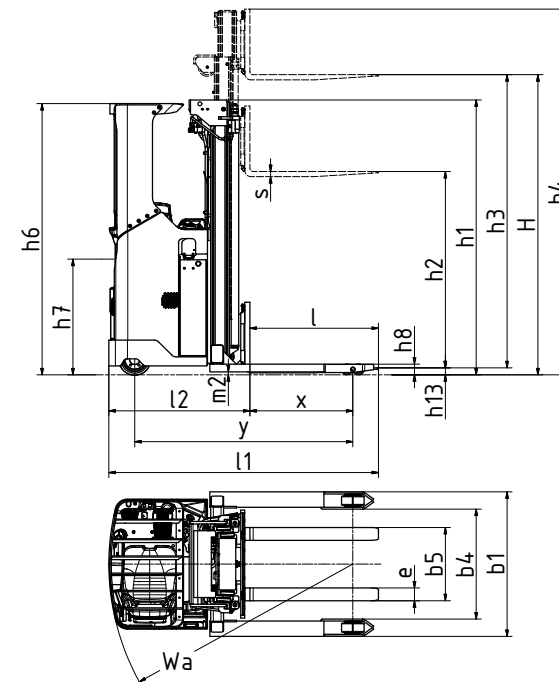
VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks	
1.1	Manufacturer			SBS16N2S	SBS20N2S
1.2	Manufacturer's model designation			Battery	Battery
1.3	Power source			Sit-on	Sit-on
1.4	Operator type			1600	2000
1.5	Load capacity	Q	kg	600	600
1.6	Load center distance	c	mm	800	800
1.8	Load wheel axle to fork face (forks lowered)	x	mm	1656 ²⁾	1696 ²⁾
1.9	Wheelbase	y	mm		
WEIGHT					
2.1b	Truck weight without load, with maximum battery weight		kg	1715	2077
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	1361 / 1955	1654 / 2423
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	1201 / 515	1454 / 623
WHEELS, DRIVE TRAIN					
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	250 x 105	250 x 105
3.3	Tyre dimensions, load side	ø	mm	85 x 70	85 x 70
3.4	Castor wheel dimensions (diameter x width)		mm	150 x 55	150 x 55
3.5	Number of wheels, load / drive side (x = driven)			4 / 1x + 2 ¹⁾	4 / 1x + 2 ¹⁾
3.6	Track width (center of tyres), drive side	b10	mm	706	706
3.7	Track width (center of tyres), load side	b11	mm	985 / 1185	985 / 1185
DIMENSIONS					
4.2a	Height with mast lowered	h1	mm	see tables	see tables
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		
4.7	Height to top of overhead guard	h6	mm	2110	2110
4.8	Seat- or stand height	h7	mm	966	966
4.10	Height of support legs	h8	mm	92	92
4.15	Fork height, fully lowered	h13	mm	50	55
4.19	Overall length	l1	mm	2207 ²⁾	2247 ²⁾
4.20	Length to fork face	l2	mm	1057 ²⁾	1097 ²⁾
4.21	Overall width	b1	mm	1115 / 1315 ⁸⁾	1115 / 1315 ⁸⁾
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	40 / 100 / 1150	40 / 100 / 1150
4.23	Fork carriage to DIN			FEM 2/A	FEM 2/A
4.24	Fork carriage width	b3	mm	840	840
4.25	Outside width over forks (minimum / maximum)	b5	mm	316 / 773	316 / 773
4.26	Inner width of support legs	b4	mm	855 / 1055	855 / 1055
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	35	35
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	2584	2623
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm	2584	2623
4.35	Turning radius	Wa	mm	1663	1702
PERFORMANCE					
5.1	Travel speed, with / without load		km/h	8.0 / 8.0	8.0 / 8.0
5.2	Lifting speed, with / without load		m/s	0.24 / 0.40	0.19 / 0.37
5.3	Lowering speed, with / without load		m/s	0.45 / 0.30	0.50 / 0.42
5.8	Maximum gradeability with / without load		%	7.2 / 7.2	7.0 / 7.0
5.9	Acceleration time (10 metres) with / without load		s	7.0 / 6.0	7.5 / 6.5
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Electric
ELECTRIC MOTORS					
6.1	Drive motor capacity (60 min. short duty)		kW	2.7	2.7
6.2	Lift motor output at 15% duty factor		kW	8.0 ⁵⁾	8.0 ⁵⁾
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 465 ⁶⁾	24 / 465 ⁶⁾
6.5	Battery weight		kg	330-410 ⁶⁾	330-410 ⁶⁾
6.6a	Energy consumption according to EN 16796 cycle		kWh/h	0.87 ⁷⁾	0.87 ⁷⁾
MISCELLANEOUS					
8.1	Type of drive control			AC	AC
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)	<70	<70

AXIA EX

SBS16-20N2S Series SIT-ON STACKERS MODELS WITH STRADDLE LEGS

1.6 – 2.0 tonnes



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

All dimensional values, weights and measures vary according to configuration
 1) 4-point design with twin assembly drive side castor wheels
 2) When SN/BC775 then add 104 mm
 5) With heavy-duty lift motor, standard is 4.0
 6) With Senior chassis, 24V / 560-775Ah and 460-610 kg
 7) This is a reference test value that varies according to model, config and usage pattern
 8) There are two standard straddle/support legs widths available to choose from (ref. b1/b4)

MAST PERFORMANCE AND CAPACITY

AXIA EX SIT-ON STACKERS

SBS16-20N2

MAST TYPE	h3+h13 mm	h1 mm	h4 mm	h2+h13 mm
NARROW				
SBS16N2				
TFV / DEV	3600	2350	4105	1849
	4200	2650	4705	2149
	4500	2800	5005	2299
DTFV / TREV	4800	2150	5332	1669
	5400	2350	5932	1869
	5700	2450	6232	1969
	6300	2650	6832	2169
	7000	2883	7532	2402
SBS20N2				
TFV / DEV	3600	2350	4108	1850
	4200	2650	4708	2150
	4500	2800	5008	2300
DTFV / TREV	4800	2150	5335	1670
	5400	2350	5935	1870
	5700	2450	6235	1970
	6300	2650	6835	2170
	7000	2883	7535	2403

SBS16-20N2I

MAST TYPE	h3+h13 mm	h1 mm	h4 mm	h2+h13 mm
INITIAL LIFT				
SBS16N2I				
DEV	3600	2355	4113	1853
	4200	2655	4713	2153
	4500	2805	5013	2303
TREV	4800	2155	5339	1673
	5400	2355	5939	1873
	5700	2455	6239	1973
	6300	2655	6839	2173
	7000	2888	7539	2406
SBS20N2I				
TFV / DEV	3600	2355	4113	1853
	4200	2655	4713	2153
	4500	2805	5013	2303
DTFV / TREV	4800	2155	5339	1673
	5400	2355	5939	1873
	5700	2455	6239	1973
	6300	2655	6839	2173
	7000	2888	7539	2406

SBR16 - 20N2S

MAST TYPE	h3+h13 mm	h1 mm	h4 mm	h2+h13 mm
WIDE STRADDLE				
SBR16 - 20N2S				
160 TFV / DEV	3600	2350	4110	1815
	4200	2650	4710	2115
	4500	2800	5010	2265
200 DTFV / TREV	4800	2150	5335	1635
	5400	2350	5935	1835
	5700	2450	6235	1935
	6300	2650	6835	2135
	7000	2883	7535	2368

DEV = Duplex with full free lift
 TREV = Triplex with full free lift
 h3+h13 = Lifting height
 h1 = Lowered mast height
 h4 = Raised mast height
 h2+h13 = Free lift

STANDARD EQUIPMENT & OPTIONS

● = Standard
● = Option

	SBS16N2	SBS16N2I	SBS20N2	SBS20N2I	SBS16N2S	SBS20N2S
GENERAL						
Regular narrow straddle legs for handling of open load carriers	●	●	●	●	-	-
Initial lift for double load handling	-	●	-	●	-	-
Wide straddle legs for handling of closed load carriers	-	-	-	-	-	-
Telescopic forks for extended reach in handling of e.g. double-deep stacking and closed load carriers	-	-	-	-	-	-
Standard display incl. hour meter and battery indicator (BDI)	●	●	●	●	●	●
Key switch entry	●	●	●	●	●	●
Electric power steering, with Mini or Midi steering wheel	●	●	●	●	●	●
Automatic straight steering at start-up	●	●	●	●	●	●
Adaptive cornering control	●	●	●	●	●	●
Speed regulated lift motor and proportional valve for lowering	●	●	●	●	●	●
Tandem load wheels Vulkollan	●	●	●	●	●	●
Overhead guard (OHG)	●	●	●	●	●	●
Adjustable armrest, right side	●	●	●	●	●	●
Adjustable steering wheel, all directions	●	●	●	●	●	●
Storage compartment under armrest and by left side of seat	●	●	●	●	●	●
Ergonomic reach truck class and fully adjustable fabric clad seat	●	●	●	●	●	●
Battery on rollers	●	●	●	●	●	●
POWER SOURCE						
Li-ion batteries*	●	●	●	●	●	●
Lead acid batteries	●	●	●	●	●	●
ENVIRONMENT						
Chill store design, down to -10°C	●	●	●	●	●	●
Cold store design, 0C° to -30C°**	●	●	●	●	●	●
DRIVE, LIFT CONTROLS						
Mini steering wheel with floating armrest	●	●	●	●	●	●
Midi steering wheel	●	●	●	●	●	●
Finger tip controls for lifting/lowering	●	●	●	●	●	●
Hands-free direction control (HFDC), in accelerator foot pedal	●	●	●	●	●	●
Hand-operated direction control (HODC)	●	●	●	●	●	●
360-degree steering	●	●	●	●	●	●
Reversed steering	●	●	●	●	●	●
WHEEL OPTIONS						
Vulkollan	●	●	●	●	●	●
Tractothan	●	●	●	●	●	●
Super grip	●	●	●	●	●	●
OTHER OPTIONS						
Side stabilisers	●	●	●	●	-	-
High performance lift motor system 8.0 kW AC	●	●	●	●	●	●
Electric adjustable floor height, 70 mm	●	●	●	●	●	●
Vinyl clad seat	●	●	●	●	●	●
Heated seat, fabric or vinyl	●	●	●	●	●	●
Multifunction display incl. BDI and hour meter, PIN code login (100 codes) and graphic icons	●	●	●	●	●	●
Load backrest 1200 mm	●	●	●	●	●	●
Key switch entry (in combination with multifunction display)	●	●	●	●	●	●
Laser positioning guide	●	●	●	●	-	-
Load weight indicator	●	●	●	●	●	●
Lift height indicator	●	●	●	●	-	●
Level assistance system	●	●	●	●	-	●
Video camera and monitor	●	●	●	●	-	●
Panoramic ProVision roof	●	●	●	●	●	●
12 V DC Power Socket	●	●	●	●	●	●
5 V USB socket	●	●	●	●	●	●
Accessory rack	●	●	●	●	●	●
Writing desk incl. RAM C holder	●	●	●	●	●	●
Equipment holder RAM system size C	●	●	●	●	●	●
Equipment holder RAM system size C, 2 pcs	●	●	●	●	●	●
Equipment holder RAM size D	●	●	●	●	●	●
Working lights LED	●	●	●	●	●	●
Floor spot warning, red or blue	●	●	●	●	●	●
Increased drive speed 12 km/h, in load trailing direction	●	-	●	-	-	-
Special RAL colour	●	●	●	●	●	●

AXIA EX

SBS16-20N2(I)(S) Series

SIT-ON STACKERS

1.6 – 2.0 tonnes



Standard display



Laser positioning guide



Mini steering wheel with floating armrest

* Li-ion battery option is available in selected regions. ** Li-ion battery option not in combination with cold store design, 0C° to -30C°.

WHEN RELIABILITY IS EVERYTHING...



AXIA
THE ALL ROUNDER

With a name that reflects its manoeuvrability, AXIA combines award-winning ergonomics with high performance and low-maintenance features to deliver a complete warehouse support package.

Efficient, versatile and durable, AXIA is the perfect choice for every workplace.

Like any product bearing the Mitsubishi Forklift Trucks name, our materials handling equipment benefits from the tremendous heritage, huge resources and cutting-edge technology of one of the world's largest corporations – Mitsubishi Heavy Industries Group.

Engineering spacecraft, jet planes, power plants and more, MHI specialises in those technologies where performance, dependability and superiority decide your success or failure...

So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

That's why every model in our award winning and comprehensive range of lift trucks and warehouse equipment is built to a high specification – to ensure it keeps working for you. Day after day. Year after year. Whatever the job. Whatever the conditions.

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As your local authorised distributor, we are here to keep your trucks working – through our extensive experience, our technical excellence and our commitment to customer care.

We are your local experts, backed by efficient channels to the entire organisation of Mitsubishi Forklift Trucks.

No matter where you are, we are close by – with the capability to meet your needs.

Discover how Mitsubishi Forklift Trucks give you more from your local authorised distributor or when you visit our website www.mitforklift.com

Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment. Trucks may be shown with non-standard options.

Specific performance requirements and locally available configurations should be discussed with your distributor.

We follow a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

QUALITY | RELIABILITY | VALUE FOR MONEY

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