



Bobcat

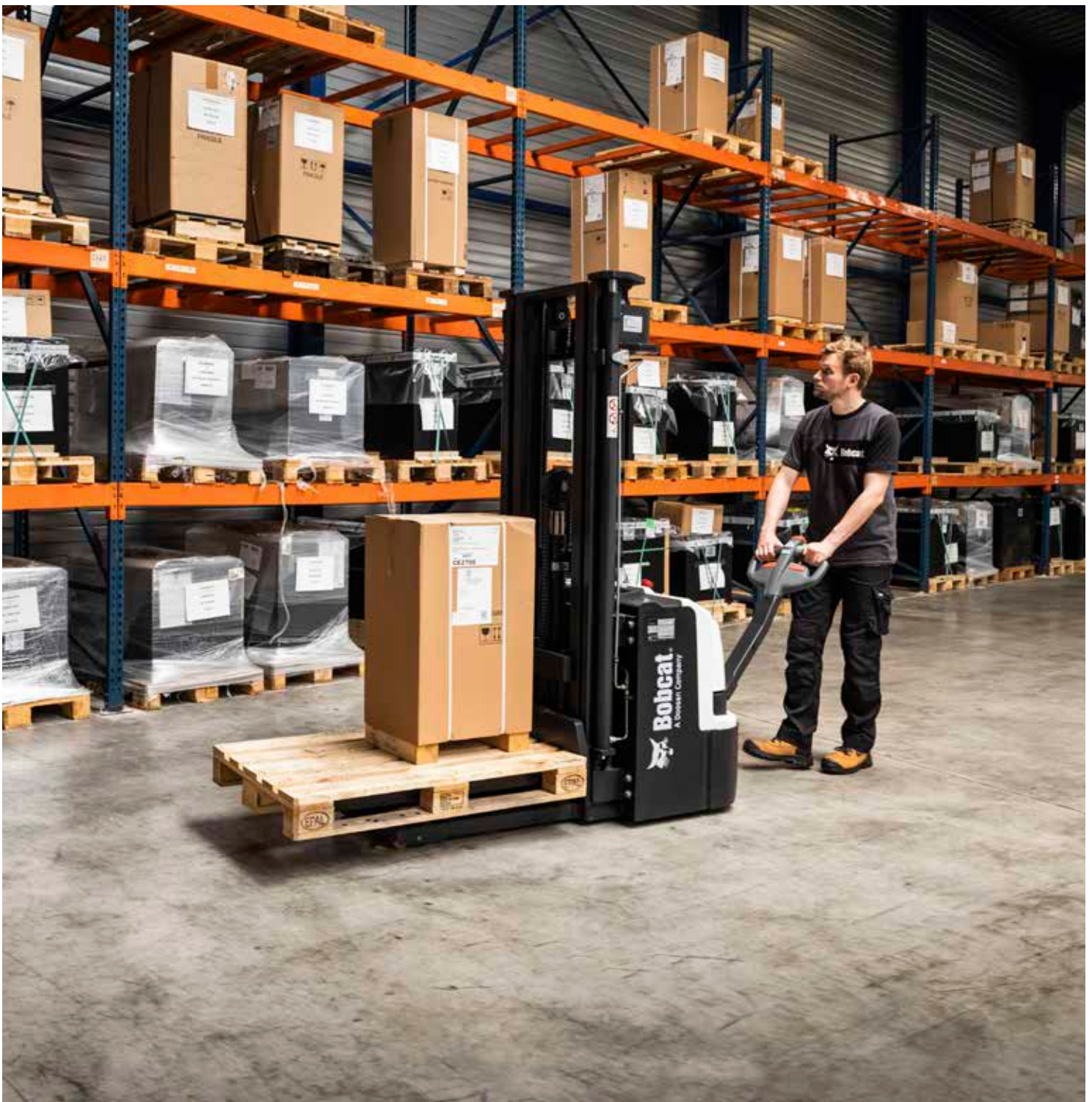
One Tough Animal

SPECIFICATIONS

POWERED STACKERS

Warehouse equipment, 1.2 to 1.6-ton capacity

🌐 EMEA



MAIN SPECIFICATIONS

TECHNICAL DATA ACCORDING TO VDI 2198						
		Unit	BSL12N-7	BSL12N-7i	BSL16N-7	BSL16N-7i
CHARACTERISTICS						
1.3 Drive			electric			
1.4 Operator type			walkie			
1.5 Load capacity, rated load center	Q	kg	1 200		1 600	
1.6 Load center	c	mm	600			
1.8 Load distance	x	mm	647	695	647	695
1.9 Wheelbase	y	mm	1 248	1 374 ¹	1 293	1 417 ¹
WEIGHT						
2.1 Service weight (incl. battery)		kg	1 007	1 070	1 340	1 380
2.2 Axle loading, with load, front / rear		kg	684 / 1 523	870 / 2 200	930 / 2 010	1 130 / 2 250
2.3 Axle loading, without load, front / rear		kg	610 / 397	730 / 340	850 / 490	945 / 435
TIRES						
3.1 Tires			polyurethane (PU)			
3.2 Tire size, front		mm	230 × 70			
3.3 Tire size, rear		mm	85×x 75	84 × 70	85 × 75	84 × 70
3.4 Additional wheels (dimensions)		mm	150 × 54			
3.5 Wheels, number front / rear (x = driven wheels)			1x + 1 / 4			
3.6 Track width, front	b10	mm	522			
3.7 Track width, rear	b11	mm	390 / 505			
DIMENSIONS						
4.2 Height mast lowered	h1	mm	2 308		2 108	
4.4 Lift	h3	mm	see table			
4.5 Height mast extended	h4	mm	4 088		5 080	
4.6 Initial lift	h5	mm	–	120	–	120
4.9 Height of tiller in drive position, min. / max.	h14	mm	850 / 1 385			
4.15 Height, lowered	h13	mm	90			
4.19 Overall length	l1	mm	1 919	1 998	1 964	2 042
4.20 Length to forkface	l2	mm	769	848	814	892
4.21 Overall width	b1	mm	820			
4.22 Fork dimensions	s/e/l	mm	60 / 180 / 1 150			
4.25 Distance over forks	b5	mm	570 / 685			
4.32 Ground clearance, center of wheelbase	m2	mm	28			
4.33 Aisle width for pallets 1 000 × 1 200 lengthways	Ast	mm	2 336	2 540 ¹	2 406	2 584 ¹
4.34 Aisle width for pallets 800 × 1 200 lengthways	Ast	mm	2 322	2 512 ¹	2 393	2 555 ¹
4.35 External turning radius	Wa	mm	1 440	1 667 ¹	1 510	1 711 ¹
PERFORMANCE DATA						
5.1 Travel speed, with / without load		km/h	6 / 6	5.5 / 6	5.7 / 6	5.5 / 6
5.2 Lift speed, with / without load		mm/s	100 / 170	90 / 140	130 / 200	130 / 200
5.3 Lowering speed, with / without load		mm/s	110 / 110	250 / 200	200 / 140	280 / 230
5.8 Max. gradeability, with / without load		(%)	6 / 12			
5.10 Service brake			electromagnetic			
ELECTRIC MOTOR						
6.1 DC – drive motor		kW	1.3	1.7	1.3	1.7
6.2 DC – lift motor		kW	1.5		3.2	
6.3 Battery acc. to DIN 43535 A/B/C/no			no	2VBS	no	3VBS
6.4 Battery voltage, nominal capacity K5		V/Ah	24 / 200	24 / 180	24 / 300	24 / 270
6.5 Battery weight		kg	175	175	230	230
6.6 Energy consumption acc. to VDI cycle		kWh/h	0.95	1	1.59	0.96
ADDITIONAL DATA						
8.1 Type of control for drive and lift			AC Speed Control			
8.4 Sound level at driver's ear acc. to EN12053		db(A)	<70			

¹ When operating the fork and pallet simultaneously: Load capacity / rated load (mast lift) < Load capacity / rated load (support arm lift).

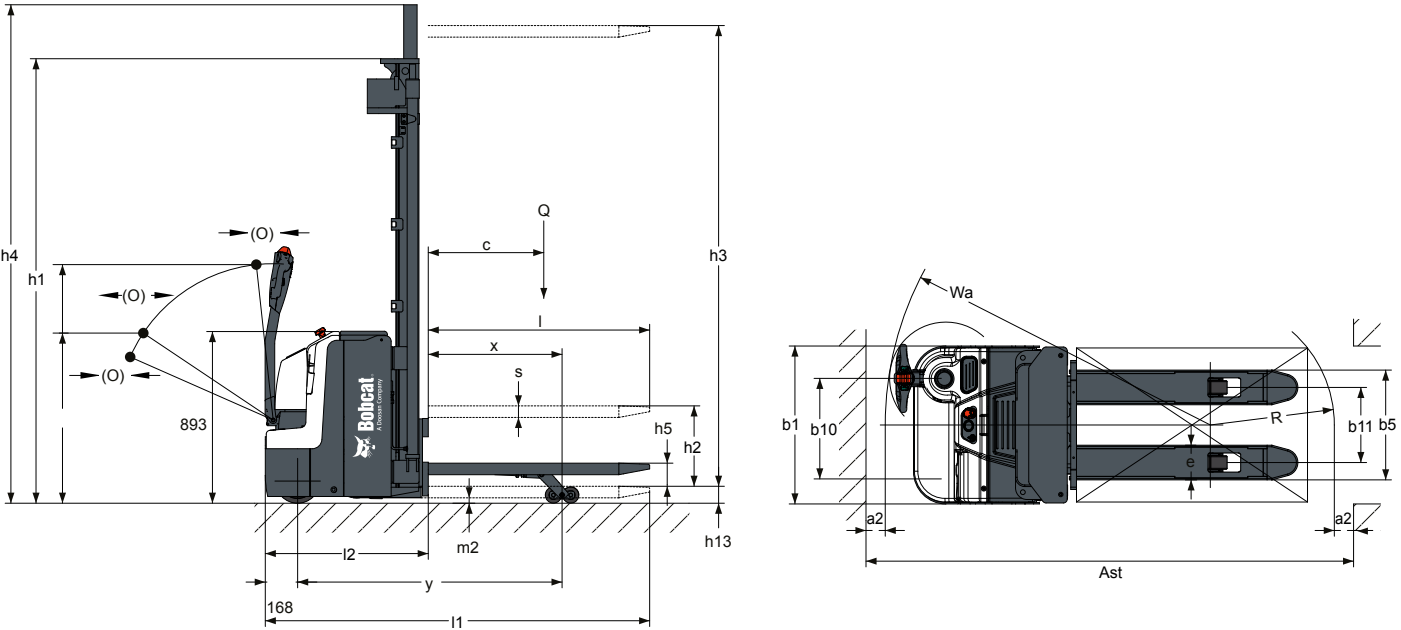
Note: Specification values quoted in this specification sheet have been rounded. Performance may vary depending on operating conditions. Products and specifications are subject to improvement and change without prior notice.

MAST SPECIFICATIONS & RATED CAPACITIES

BSL12N-7						
MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)	FREE LIFT (H2)	LIFT + FORK HEIGHT (H3 + H13)	RESIDUAL CAPACITY
	mm	mm	mm	mm	mm	kg
STD	2 830	1 958	3 380	–	2 920	1 000
	3 130	2 108	3 680	–	3 220	800
	3 530	2 308	4 080	–	3 620	600
FF	3 130	2 108	3 680	1 560	3 220	800
	3 530	2 308	4 080	1 760	3 620	600
FFT	3 930	1 908	4 480	1 320	4 020	550
	4 230	2 008	4 780	1 420	4 320	500
	4 530	2 108	5 080	1 520	4 620	400

BSL12N-7i						
MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)	FREE LIFT (H2)	LIFT + FORK HEIGHT (H3 + H13)	RESIDUAL CAPACITY
	mm	mm	mm	mm	mm	kg
STD	2 830	1 958	3 380	–	2 920	1 100
	3 130	2 108	3 680	–	3 220	1 000
	3 530	2 308	4 080	–	3 620	800
FF	3 130	2 108	3 680	1 560	3 220	1 000
	3 530	2 308	4 080	1 760	3 620	800
FFT	3 930	1 908	4 480	1 320	4 020	500
	4 230	2 008	4 780	1 420	4 320	450
	4 530	2 108	5 080	1 520	4 620	350

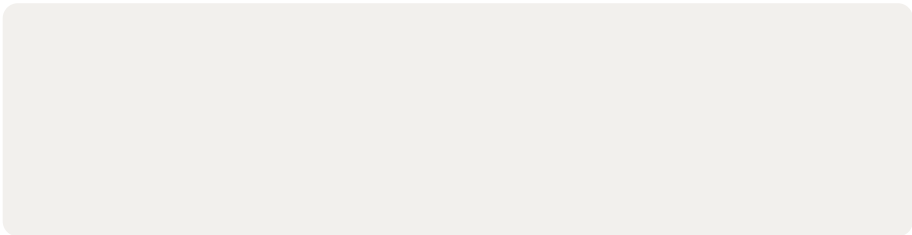
► DIMENSIONS: BSL12N-7(i) / BSL16N-7(i)



MAST SPECIFICATIONS & RATED CAPACITIES

BSL16N-7						
MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)	FREE LIFT (H2)	LIFT + FORK HEIGHT (H3 + H13)	RESIDUAL CAPACITY
	mm	mm	mm	mm	mm	kg
STD	2 830	1 958	3 380	–	2 920	1 400
	3 130	2 108	3 680	–	3 220	1 200
	3 530	2 308	4 080	–	3 620	1 000
FFL	3 130	2 108	3 680	1 560	3 220	1 200
	3 530	2 308	4 080	1 760	3 620	1 000
FFT	3 330	1 708	3 880	1 120	3 420	1 100
	3 930	1 908	4 480	1 320	4 020	950
	4 230	2 008	4 780	1 420	4 320	900
	4 530	2 108	5 080	1 520	4 620	800
	5 230	2 343	5 780	1 756	5 320	700
	5 430	2 408	5 980	1 820	5 520	600

BSL16N-7i						
MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)	FREE LIFT (H2)	LIFT + FORK HEIGHT (H3 + H13)	RESIDUAL CAPACITY
	mm	mm	mm	mm	mm	kg
STD	2 830	1 958	3 380	–	2 920	1 400
	3 130	2 108	3 680	–	3 220	1 200
	3 530	2 308	4 080	–	3 620	1 000
FF	3 130	2 108	3 680	1 560	3 220	1 200
	3 530	2 308	4 080	1 760	3 620	1 000
FFLT	3 330	1 708	3 880	1 120	3 420	1 000
	3 930	1 908	4 480	1 320	4 020	800
	4 230	2 008	4 780	1 420	4 320	600
	4 530	2 108	5 080	1 520	4 620	500



DOOSAN

Bobcat is a Doosan Company. Doosan is a global leader in construction equipment, power & water solutions, engines, and engineering proudly serving customers and communities for more than a century. | Bobcat and the Bobcat logo are registered trademarks of Bobcat Company in the United States and various other countries. ©2025 Bobcat Company. All Rights Reserved.

*Financing options may vary by country and dealer. Always ask your dealer about currently available financing options. Terms and conditions may apply.
Doosan Bobcat EMEA, U Kodeltky 1810, 263 12 Dobříš, Czech Republic