



Bobcat

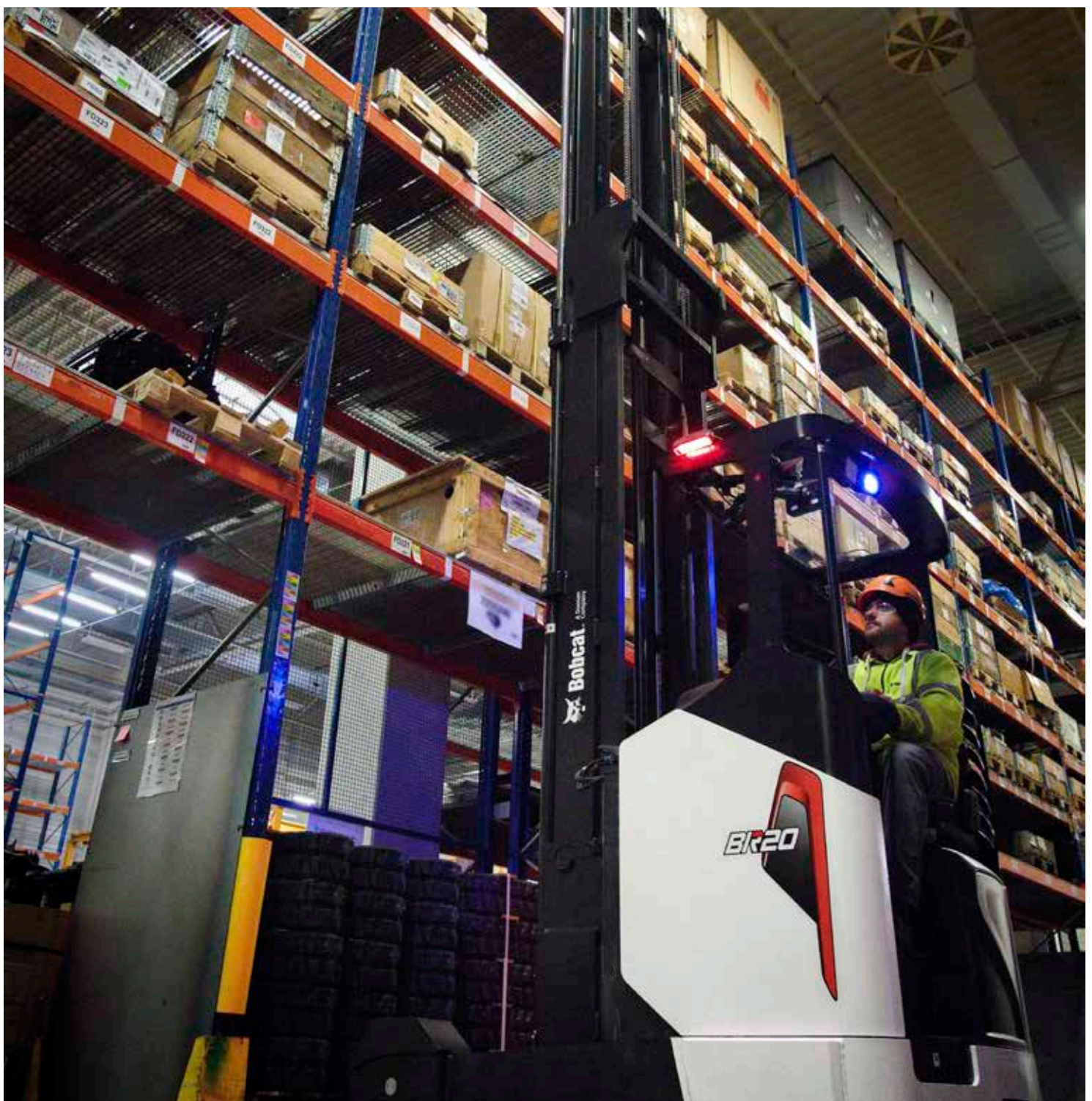
One Tough Animal

SPECIFICATIONS

REACH TRUCKS

9-Series, 1.4 to 2.5-ton capacity

🌐 EMEA



ONE TOUGH ANIMAL

► OUR MISSION

We empower operators to accomplish more, while working in the toughest conditions and tightest situations. When our customers have the will, we provide the way.

INTRODUCTION



► BOBCAT’S HISTORY

Now, with a diversified portfolio that includes forklifts, and warehouse equipment, Bobcat serves as a one-stop solution for intralogistics needs, from loading shipping containers to optimizing warehouse operations. Produced in its South Korean factory, Bobcat’s material handling machines offer the precision and durability customers expect.

► YEARS OF EXPERIENCE

In 2021, Bobcat furthered its reach by acquiring Doosan Industrial Vehicle, increasing its capacity to provide customers with comprehensive business solutions. With Doosan’s expertise in material handling and warehouse equipment dating back to its inaugural forklift in 1968, the company has established a global presence, with 400 dealers across 93 countries.



► BOBCAT TODAY

Now, with a diversified portfolio that includes forklifts and warehouse equipment, Bobcat serves as a one-stop solution for intralogistics needs, from loading shipping containers to optimizing warehouse operations. Made according to the highest manufacturing standards, Bobcat’s material handling machines offer the precision and durability customers expect.



MAIN SPECIFICATIONS

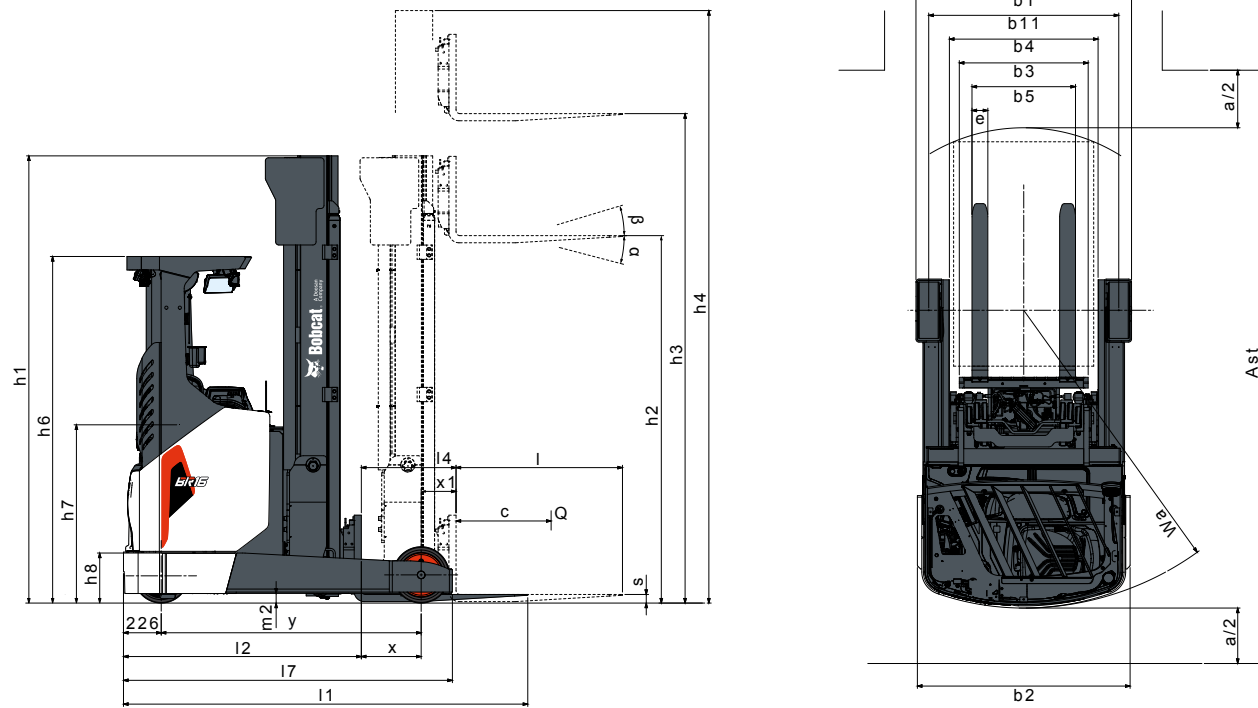
TECHNICAL DATA ACCORDING TO VDI 2198													
		Unit	BR14J-9			BR16J-9			BR14JW-9				
			315 Ah	465 Ah	620 Ah	315 Ah	465 Ah	620 Ah	420 Ah	560 Ah	700 Ah		
CHARACTERISTICS													
1.3	Drive					electric							
1.4	Operator type					seated							
1.5	Load capacity, rated load	Q	kg	1 250	1 400	1 400	1 250	1 600		1 400			
1.6	Load centre	c	mm	600									
1.8	Load distance	x	mm	210.5		145.5		226		161	287.5	222.5	152.5
	Mast pushed forward	x1	mm	215									
1.9	Wheelbase	y	mm	1 390			1 410						
WEIGHT													
2.1	Unload weight		kg	3 021	3 219	3 427	3 026	3 224	3 432	3 266	3 459	3 647	
2.3	Axle loading, unloaded front / rear		kg	1 733 / 1 288	1 844 / 1 375	1 902 / 1 525	1 769 / 1 257	1 895 / 1 329	1 967 / 1 465	1 929 / 1 337	1 986 / 1 473	1 356 / 2 291	
2.4	Axle loading, fork advanced, load, front / rear		kg	877 / 3 394	933 / 3 686	1 051 / 3 776	912 / 3 364	909 / 3 915	1 041 / 3 991	1 447 / 3 219	1 500 / 3 359	851 / 4 196	
2.5	Axle loading, fork retracted, load, front / rear		kg	1 652 / 2 619	1 754 / 2 865	1 747 / 3 080	1 704 / 2 572	1 811 / 3 013	1 810 / 3 222	1 917 / 2 749	1 909 / 2 950	1 210 / 3 837	
TIRES													
3.1	Tires			Vmax / Vulkollan®									
3.2	Tire size, front			343 × 140									
3.3	Tire size, rear			285 × 100									
3.5	Wheels, number front / rear (x=driven wheels)			1x / 2									
3.7	Tread width, rear	b11	mm	995					1 145				
DIMENSIONS													
4.1	Tilt of mast, fork carriage forward / backward	α / β	°	2 / 5									
4.2	Closed mast height	h1	mm	2 490									
4.3	Free lift	h2	mm	1 990									
4.4	Lift height	h3	mm	6 000									
4.5	Lift	h4	mm	6 555									
4.7	Height to top of overhead guard	h6	mm	2 186									
4.8	Seat height	h7	mm	1 087									
4.10	Height of wheel arms	h8	mm	306									
4.19	Overall length	l1	mm	2 981			3 002			2 502	2 567	2 637	
4.20	Length to face of forks	l2	mm	1 405		1 470	1 410		1 475	1 352	1 417	1 487	
4.21	Overall width	b1	mm	1 120					1 270				
4.22	Fork dimensions		mm	40 × 100 × 1 150									
4.23	Fork carriage ISO 2328, class, type A / B			IIA									
4.24	Fork carriage width	b3	mm	663					813				
4.25	Width across forks	b5	mm	245 / 603					245 / 753				
4.26	Distance between wheel arms, loading surfaces	b4	mm	788					938				
4.28	Reach distance		mm	426		361	441		376	503	438	368	
4.32	Ground clearance, centre of wheelbase	m2	mm	63									
4.33.1	Aisle width for pallets 1 000 × 1 200 wide	Ast	mm	2 808		2 860	2 815		2 867	2 771	2 822	2 878	
4.33.2	Aisle width for pallets 1 000 × 1 200 long	Ast	mm	2 925		2 983	2 931		2 989	2 881	2 938	3 001	
4.34.1	Aisle width for pallets 800 × 1 200 wide	Ast	mm	2 657		2 704	2 666		2 713	2 629	2 673	2 723	
4.34.2	Aisle width for pallets 800 × 1 200 long	Ast	mm	2 883		2 944	2 889		2 949	2 836	2 896	2 961	
4.35	Turning radius	Wa	mm	1 616			1 636			1 640			
4.37	Length across wheel arms	l7	mm	1 784			1 804			1 808			
PERFORMANCE													
5.1	Travel speed, with / without load		km/h	14 / 14									
5.2	Lift speed, with / without load		mm/s	420 / 600									
5.3	Lowering speed, with / without load		mm/s	550 / 550									
5.8	Maximum gradeability, with / without load		%	10 / 15									
5.10	Service brake			electric assistance brake									
ELECTRIC ENGINE													
6.1	Drive motor rating S2 60 minute		kW	5									
6.2	Lifting motor rating at S3 15%		kW	18									
6.4	Battery voltage / capacity at 5 hours rate	V/Ah		48 / 315	48 / 465	48 / 620	48 / 315	48 / 465	48 / 620	48 / 420	48 / 560	48 / 700	
6.5	Battery weight	kg		606	804	1 012	606	804	1 012	757	950	1 138	
	Battery dimensions (l × w × h)		mm	1 070 × 347 × 780		1 070 × 412 × 780	1 070 × 347 × 780		1 070 × 412 × 780	1 220 × 290 × 780	1 220 × 355 × 780	1 220 × 425 × 780	
	Battery dimensions (MAX)		mm	1 072 × 349 × 782		1 072 × 414 × 782	1 072 × 349 × 782		1 072 × 414 × 782	1 222 × 292 × 782	1 222 × 357 × 782	1 222 × 427 × 782	
ADDITIONAL DATA													
8.1	Type of drive control			AC-MOSFET									
8.2	Operating pressure for attachments		bar	200									
8.3	Oil volume for attachments		l/min	10									
8.4	Sound level at operator's ear according to EN12053		dB(A)	70.8									

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.

MAIN SPECIFICATIONS

TECHNICAL DATA ACCORDING TO VDI 2198												
		Unit	BR16JW-9			BR20JW-9			BR25JW-9			
			420 Ah	560 Ah	700 Ah	700 Ah	775 Ah	930 Ah	700 Ah	775 Ah	930 Ah	
CHARACTERISTICS												
1.3	Drive		electric									
1.4	Operator type		seated									
1.5	Load capacity, rated load	Q	kg	1 600			2 000		2 400		2 450	
1.6	Load centre	c	mm	600								
1.8	Load distance	x	mm	307.5	242.5	172.5	197.5	140.5	140.5	317.5	242.5	242.5
	Mast pushed forward	x1	mm	215			220					
1.9	Wheelbase	y	mm	1 430			1 520		1 640			
WEIGHT												
2.1	Unload weight		kg	3 269	3 462	3 650	4 312	4 429	4 587	4 325	4 442	4 600
2.3	Axle loading, unloaded front / rear		kg	1 986 / 1 283	2 029 / 1 433	2 054 / 1 596	2 398 / 1 914	2 394 / 2 035	2 490 / 2 097	2 525 / 1 800	2 511 / 1 931	2 611 / 1 989
2.4	Axle loading, fork advanced, load, front / rear		kg	1 512 / 3 357	1 543 / 3 519	1 554 / 3 696	1 811 / 4 501	1 794 / 4 635	1 890 / 4 697	2 012 / 4 713	1 963 / 4 879	2 062 / 4 988
2.5	Axle loading, fork retracted, load, front / rear		kg	1 994 / 2 875	1 965 / 3 097	1 911 / 3 339	2 263 / 4 049	2 184 / 4 245	2 280 / 4 307	2 550 / 4 175	2 427 / 4 415	2 526 / 4 524
TIRES												
3.1	Tires			Vmax / Vulkollan®								
3.2	Tire size, front			343 × 140								
3.3	Tire size, rear			285 × 100				355 × 135				
3.5	Wheels, number front / rear (x=driven wheels)			1x / 2								
3.7	Tread width, rear	b11	mm	1 145			1 199					
DIMENSIONS												
4.1	Tilt of mast, fork carriage forward / backward	α / β	°	2 / 5								
4.2	Closed mast height	h1	mm	2 490			2 820					
4.3	Free lift	h2	mm	1 990			2 310					
4.4	Lift height	h3	mm	6 000			6 500					
4.5	Lift	h4	mm	6 555			7 060					
4.7	Height to top of overhead guard	h6	mm	2 186								
4.8	Seat height	h7	mm	1 087								
4.10	Height of wheel arms	h8	mm	310			315					
4.19	Overall length	l1	mm	2 502	2 567	2 637	3 128		3 248			
4.20	Length to face of forks	l2	mm	1 352	1 417	1 487	1 560	1 617		1 560	1 635	
4.21	Overall width	b1	mm	1 270			1 360 / 1 342					
4.22	Fork dimensions		mm	40 × 100 × 1 150								
4.23	Fork carriage ISO 2328, class, type A / B			IIA								
4.24	Fork carriage width	b3	mm	813								
4.25	Width across forks	b5	mm	245 / 753								
4.26	Distance between wheel arms, loading surfaces	b4	mm	938								
4.28	Reach distance		mm	523	458	388	418	361		538	463	
4.32	Ground clearance, centre of wheelbase	m2	mm	63			61					
4.33.1	Aisle width for pallets 1 000 × 1 200 wide	Ast	mm	2 776	2 826	2 882	2 960	3 006		2 987	3 044	
4.33.2	Aisle width for pallets 1 000 × 1 200 long	Ast	mm	2 883	2 940	3 003	3 078	3 130		3 092	3 158	3 158
4.34.1	Aisle width for pallets 800 × 1 200 wide	Ast	mm	2 636	2 679	2 728	2 808	2 850		2 048	2 897	2 897
4.34.2	Aisle width for pallets 800 × 1 200 long	Ast	mm	2 838	2 898	2 963	3 037	3 090		3 047	3 116	
4.35	Turning radius	Wa	mm	1 660			1 758		1 878			
4.37	Length across wheel arms	l7	mm	1 828			1 955		2 075			
PERFORMANCE												
5.1	Travel speed, with / without load		km/h	14 / 14								
5.2	Lift speed, with / without load		mm/s	420 / 600			370 / 650					
5.3	Lowering speed, with / without load		mm/s	550 / 550								
5.8	Maximum gradeability, with / without load		%	10 / 15			7 / 11					
5.10	Service brake			electric assistance brake			electromagnetic					
ELECTRIC ENGINE												
6.1	Drive motor rating S2 60 minute		kW	5			7					
6.2	Lifting motor rating at S3 15%		kW	18								
6.4	Battery voltage / capacity at 5 hours rate		V/Ah	48 / 420	48 / 560	48 / 700		48 / 775	48 / 930	48 / 700	48 / 775	48 / 930
6.5	Battery weight		kg	757	950	1 138		1 255	1 433	1 135	1 255	1 433
	Battery dimensions (l × w × h)		mm	1 220 × 290 × 780	1 220 × 355 × 780	1 220 × 425 × 780		1 220 × 500 × 780		1 220 × 425 × 780	1 220 × 500 × 780	
	Battery dimensions (MAX)		mm	1 222 × 292 × 782	1 222 × 357 × 782	1 222 × 427 × 782		1 222 × 502 × 782		1 222 × 427 × 782	1 222 × 502 × 782	
ADDITIONAL DATA												
8.1	Type of drive control			AC-MOSFET								
8.2	Operating pressure for attachments		bar	200								
8.3	Oil volume for attachments		l/min	10								
8.4	Sound level at operator's ear according to EN12053		dB(A)	70.8			70.1					

DIMENSIONS



The illustration is representative of all models in the series.

BATTERY COMPARTMENT SIZE

BR14/16J-9			
	315 Ah	460 Ah	620 Ah
L × W × H	1 070 × 347 × 780	1 070 × 347 × 780	1 070 × 412 × 780
(MAX)	1 073 × 350 × 785	1 073 × 350 × 785	1 073 × 415 × 785

BR14/16JW-9			
	420 Ah	560 Ah	700 Ah
L × W × H	1 220 × 290 × 780	1 220 × 355 × 780	1 220 × 425 × 780
(MAX)	1 223 × 293 × 785	1 223 × 358 × 785	1 223 × 428 × 785

BR20/25JW-9			
	700 Ah	770 Ah	930 Ah
L × W × H	1 220 × 425 × 780	1 220 × 500 × 780	1 220 × 500 × 780
(MAX)	1 223 × 428 × 785	1 223 × 503 × 785	1 223 × 503 × 785

MAST SPECIFICATIONS & RATED CAPACITIES

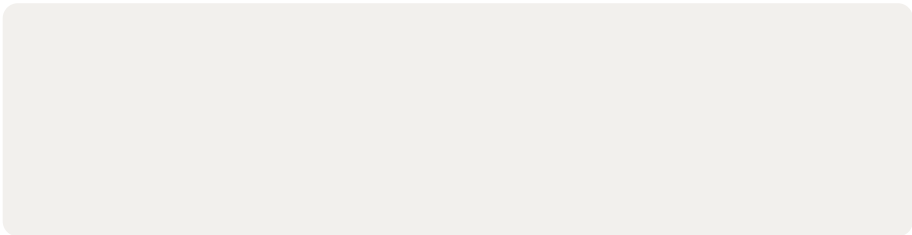
OVERHEAD CRANES							
MODEL	MAST TYPE	LIFT HEIGHT (H3)	OVERHEAD HEIGHT (H6)		CLOSED MAST HEIGHT (H1)	FREE LIFT (H2)	
			STD	WITH OPTION*		WITH LOAD BACKREST	WITH LOAD BACKREST
		mm	mm	mm	mm	mm	mm
BR14J-9	FFT	5 000	2 186	2 275	2 160	1 265	1 340
	FFT	5 600	2 186	2 275	2 360	1 465	1 540
	FFT	6 000	2 186	2 275	2 490	1 600	1 675
	FFT	6 500	2 186	2 275	2 660	1 765	1 840
	FFT	7 100	2 186	2 275	2 860	1 965	2 040
	FFT	7 500	2 186	2 275	2 990	2 100	2 175
	FFT	7 800	2 186	2 275	3 090	2 200	2 275
	FFT	8 420	2 186	2 275	3 300	2 405	2 480
BR16J-9	FFT	8 720	2 186	2 275	3 400	2 505	2 580
	FFT	5 000	2 186	2 275	2 160	1 265	1 340
	FFT	5 600	2 186	2 275	2 360	1 465	1 540
	FFT	6 000	2 186	2 275	2 490	1 600	1 675
	FFT	6 500	2 186	2 275	2 660	1 765	1 840
	FFT	7 100	2 186	2 275	2 860	1 965	2 040
	FFT	7 500	2 186	2 275	2 990	2 100	2 175
	FFT	7 800	2 186	2 275	3 090	2 200	2 275
BR14JW-9	FFT	8 420	2 186	2 275	3 300	2 405	2 480
	FFT	8 720	2 186	2 275	3 400	2 505	2 580
	FFT	5 000	2 186	2 275	2 160	1 265	1 340
	FFT	5 600	2 186	2 275	2 360	1 465	1 540
	FFT	6 000	2 186	2 275	2 490	1 600	1 675
	FFT	6 500	2 186	2 275	2 660	1 765	1 840
	FFT	7 100	2 186	2 275	2 860	1 965	2 040
	FFT	7 500	2 186	2 275	2 990	2 100	2 175
	FFT	7 800	2 186	2 275	3 090	2 200	2 275
	FFT	8 420	2 186	2 275	3 300	2 405	2 480
	FFT	8 720	2 186	2 275	3 400	2 505	2 580
	FFT	9 110	2 186	2 275	3 530	2 635	2 710
BR16JW-9	FFT	9 620	2 186	2 275	3 700	2 805	2 880
	FFT	10 520	2 186	2 275	4 000	3 105	3 180
	FFT	11 510	2 186	2 275	4 330	3 435	3 510
	FFT	5 000	2 186	2 275	2 160	1 265	1 340
	FFT	5 600	2 186	2 275	2 360	1 465	1 540
	FFT	6 000	2 186	2 275	2 490	1 600	1 675
	FFT	6 500	2 186	2 275	2 660	1 765	1 840
	FFT	7 100	2 186	2 275	2 860	1 965	2 040
	FFT	7 500	2 186	2 275	2 990	2 100	2 175
	FFT	7 800	2 186	2 275	3 090	2 200	2 275
	FFT	8 420	2 186	2 275	3 300	2 405	2 480
	FFT	8 720	2 186	2 275	3 400	2 505	2 580

Note: Mast specifications & rated capacities are based on standard chassis with dual pneumatic tire and without side shifter.
*Option: Strobe, blue safety light

MAST SPECIFICATIONS & RATED CAPACITIES

MODEL	MAST TYPE	LIFT HEIGHT (H3)	OVERHEAD HEIGHT (H6)		CLOSED MAST HEIGHT (H1)	FREE LIFT (H2)	
			STD	WITH OPTION*		WITH LOAD BACKREST	WITH LOAD BACKREST
		mm	mm	mm	mm	mm	mm
BR20JW-9	FFT	5 000	2 186	2 275	2 320	1 425	1 620
	FFT	5 600	2 186	2 275	2 520	1 625	1 820
	FFT	6 000	2 186	2 275	2 650	1 760	1 955
	FFT	6 500	2 186	2 275	2 820	1 925	2 120
	FFT	7 100	2 186	2 275	3 020	2 125	2 320
	FFT	7 500	2 186	2 275	3 150	2 260	2 455
	FFT	7 800	2 186	2 275	3 250	2 360	2 555
	FFT	8 420	2 186	2 275	3 460	2 565	2 760
	FFT	8 720	2 186	2 275	3 560	2 665	2 860
	FFT	9 110	2 186	2 275	3 690	2 795	2 990
	FFT	9 620	2 186	2 275	3 860	2 965	3 160
	FFT	10 520	2 186	2 275	4 160	3 265	3 460
	FFT	11 510	2 186	2 275	4 490	3 595	3 790
	FFT	12 530	2 186	2 275	4 830	3 935	4 130
BR25JW-9	FFT	13 000	2 186	2 275	4 985	4 090	4 290
	FFT	5 000	2 186	2 275	2 320	1 425	1 620
	FFT	5 600	2 186	2 275	2 520	1 625	1 820
	FFT	6 000	2 186	2 275	2 650	1 760	1 955
	FFT	6 500	2 186	2 275	2 820	1 925	2 120
	FFT	7 100	2 186	2 275	3 020	2 125	2 320
	FFT	7 500	2 186	2 275	3 150	2 260	2 455
	FFT	7 800	2 186	2 275	3 250	2 360	2 555
	FFT	8 420	2 186	2 275	3 460	2 565	2 760
	FFT	8 720	2 186	2 275	3 560	2 665	2 860
	FFT	9 110	2 186	2 275	3 690	2 795	2 990
	FFT	9 620	2 186	2 275	3 860	2 965	3 160
	FFT	10 520	2 186	2 275	4 160	3 265	3 460
	FFT	11 510	2 186	2 275	4 490	3 595	3 790
	FFT	12 530	2 186	2 275	4 830	3 935	4 130
	FFT	13 000	2 186	2 275	4 985	4 090	4 290

Note: Mast specifications & rated capacities are based on standard chassis with dual pneumatic tire and without side shifter.
*Option: Strobe, blue safety light



DOOSAN

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* Financing options may vary by country and dealer. Always ask your dealer about currently available financing options. Terms and conditions may apply.

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