



**Bobcat®**

*One Tough Animal.*

SPECIFICATIONS

# ELECTRIC FORKLIFTS

7-Series Plus, 1.5 to 3.5-ton capacity

🌐 EMEA



# MAIN SPECIFICATIONS

TECHNICAL DATA ACCORDING TO VDI 2198						
		B15T-7 PLUS	B18T-7 PLUS	B20T-7 PLUS	B16X-7 PLUS	B18X-7 PLUS
<b>CHARACTERISTICS</b>						
1.3 Drive				AC electric		
1.4 Operator type				seated		
1.5 Load capacity / load (kg)	Q	1 500	1 750	2 000	1 600	1 800
1.6 Load center (mm)	c			500		
1.8 Load distance, center of drive axle to fork (mm)	x		376	381		376
1.9 Wheelbase (mm)	y	1 323	1 423	1 446	1 495	1 495
<b>WEIGHT</b>						
2.1 Service weight (kg)		3 028	3 142	3 472	3 189	3 281
2.2 Axle loading, with load, front / rear (kg)		3 988 / 540	4 358 / 534	4 841 / 631	4 235 / 553	4 551 / 530
2.3 Axle loading, without load, front / rear (kg)		1 495 / 1 533	1 530 / 1 612	1 623 / 1 849	1 689 / 1 491	1 696 / 1 585
<b>TYRES</b>						
3.1 Tire: solid (S), pneumatic (P), superelastic (SE), cushion (C)			SE, C		P, SE	SE
3.2 Tire size, front			18 × 7-8 <sup>1</sup>	200 × 50-10 <sup>1</sup>	18 × 7-8 <sup>1</sup>	200 × 50-10
3.3 Tire size, rear			15 × 4.5-8 <sup>2</sup>		16 × 6-8 <sup>2</sup>	
3.5 Wheels, number front rear (x = driven wheels)				2x / 2		
3.6 Track width, front (mm)	b10	902		912	902	912
3.7 Track width, rear (mm)	b13	167		201		890
<b>DIMENSIONS</b>						
4.1 Tilt of mast, fork carriage forward / backward (°)	α / β			5/7		
4.2 Height mast lowered (mm)	h1		2 000		2 150	
4.3 Free lift (mm)	h2	130		135	130	
4.4 Lift (mm)	h3			3 300		
4.5 Height mast extended (mm)	h4	4 345		4 350	4 345	
4.7 Height of overhead guard (cabin) (mm)	h6			2 010		
4.8 Seat height, stand height (mm)	h7			919		
4.19 Overall length (mm)	l1	2 791	2 891	2 929	3 020	
4.20 Length to face of forks (mm)	l2	1 891	1 991	2 029	2 120	
4.21 Overall width (mm)	b1, b2		1 090	1 119	1 090	1 119
4.22 Fork dimensions (mm)	s/e/l		35 × 100 × 900	40 × 100 × 900	35 × 100 × 900	
4.23 Fork carriage ISO 2328, class / type A,B (mm)				II		
4.24 Fork carriage width (mm)	b3			973		
4.31 Ground clearance, with load, below mast (mm)	m1			86		
4.32 Ground clearance, center of wheelbase	m2			100		
4.33 Aisle width for pallets 1 000 × 1 200 crossways (mm)	Ast	3 216	3 316	3 354	3 466	
4.34 Aisle width for pallets 800 × 1 200 lengthways (mm)	Ast	3 341	3 441	3 479	3 662	
4.35 Turning radius (mm)	Wa	1 515	1 615	1 648	1 886	
4.36 Internal turning radius (mm)	b13		–		494	496
<b>PERFORMANCE</b>						
5.1 Travel speed, with / without load (km/h)				17 / 17		
5.2 Lift speed, with / without load (mm/s)				400 / 600		
5.3 Lowering speed, with / without load (mm/s)				500 / 450		
5.6 Max. drawbar pull, with / without load (kg)				1 300		
5.8 Max. gradeability, with / without load (%)		26	25	24	26	25
5.10 Service brake				foot-electric		
<b>ELECTRIC ENGINE</b>						
6.1 Drive motor rating S2 60 min (kW)				6.0 × 2		
6.2 Lift motor rating at S3 15 % (kW)				14		
6.4 Battery voltage, nominal capacity K5 (V/Ah)		48 / 440	48 / 510		48 / 585	
6.5 Battery weight (kg)		700	800	1 000	1 050	
<b>ADDITIONAL DATA</b>						
8.1 Type of drive control unit				MOSFET inverter		
8.2 Operating pressure for attachments (bar)				140		
8.4 Sound level at the driver's ear according to DIN 12 053 (dB (A))				68		

<sup>1</sup> Optional: cushion tires 18×7-12.12

<sup>2</sup> Optional: cushion tires 15×6-11.25

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.

**TECHNICAL DATA ACCORDING TO VDI 2198**

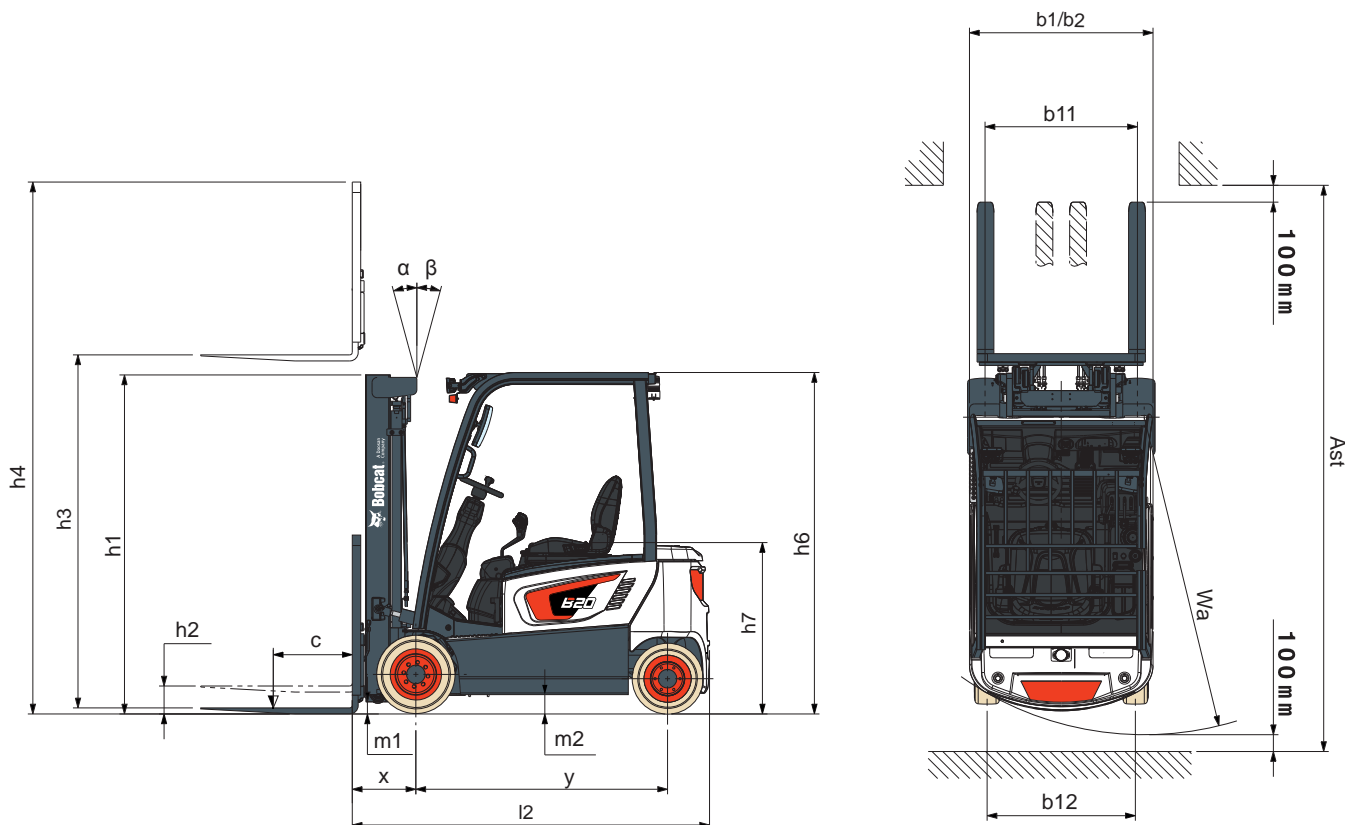
		B20X-7 PLUS	B25X-7 PLUS	B30X-7 PLUS	B35X-7 PLUS	
<b>CHARACTERISTICS</b>						
1.3	Drive	AC electric				
1.4	Operator type	seated				
1.5	Load capacity / load (kg)	Q	2 000	2 500	3 000	3 500
1.6	Load center (mm)	c	500			
1.8	Load distance, center of drive axle to fork (mm)	x	381	448	454	454
1.9	Wheelbase (mm)	y	1 495	1 589	1 734	1 750
<b>WEIGHT</b>						
2.1	Service weight (kg)		3 461	4 623	5 068	5 486
2.2	Axle loading, with load, front / rear (kg)		4 871 / 590	6 275 / 848	7 197 / 870	7 940 / 1 046
2.3	Axle loading, without load, front / rear (kg)		1 692 / 1 769	2 284 / 2 339	2 547 / 2 521	2 532 / 2 954
<b>TYRES</b>						
3.1	Tire: solid (S), pneumatic (P), superelastic (SE), cushion (C)		SE		P, SE	
3.2	Tire size, front		200×50-10		23×10-12	
3.3	Tire size, rear		16×6-8 <sup>2</sup>		18×7-8	
3.5	Wheels, number front rear (x = driven wheels)			2x / 2		
3.6	Track width, front (mm)	b10	912		998	
3.7	Track width, rear (mm)	b13	890		998	
<b>DIMENSIONS</b>						
4.1	Tilt of mast, fork carriage forward / backward (°)	a/β	5/7		6 / 9	
4.2	Height mast lowered (mm)	h1	2 150		2 160	
4.3	Free lift (mm)	h2	135	147	152	
4.4	Lift (mm)	h3	3 300	3 230	3 230	3 000
4.5	Height mast extended (mm)	h4	4 350	3 990	3 990	3 760
4.7	Height of overhead guard (cabin) (mm)	h6	2 010	2 185	2 210	
4.8	Seat height, stand height (mm)	h7	919		1 070	
4.19	Overall length (mm)	l1	3 025		–	
4.20	Length to face of forks (mm)	l2	2 125	2 329	2 480	2 564
4.21	Overall width (mm)	b1, b2	1 119		1 245	
4.22	Fork dimensions (mm)	s/e/l	40×100×900	40×100×1 050	45×125×1 050	45×125×1 050
4.23	Fork carriage ISO 2328, class / type A,B (mm)			II	III	
4.24	Fork carriage width (mm)	b3	973		–	
4.31	Ground clearance, with load, below mast (mm)	m1	86		130	
4.32	Ground clearance, center of wheelbase	m2	100		140	
4.33	Aisle width for pallets 1 000×1 200 crossways (mm)	Ast	3 471	3 620	3 772	3 832
4.34	Aisle width for pallets 800×1 200 lengthways (mm)	Ast	3 667	3 799	3 950	4 010
4.35	Turning radius (mm)	Wa	1 886	1 950	2 095	2 155
4.36	Internal turning radius (mm)	b13	496	348	340	
<b>PERFORMANCE</b>						
5.1	Travel speed, with / without load (km/h)		17 / 17		16 / 18	
5.2	Lift speed, with / without load (mm/s)		400 / 600	480 / 600	420 / 600	380 / 600
5.3	Lowering speed, with / without load (mm/s)		500 / 450	490 / 460		500 / 460
5.6	Max. drawbar pull, with / without load (kg)		1 300		1 768 / 1 675	
5.8	Max. gradeability, with / without load (%)		24	25 / 38	22 / 34	20 / 31
5.10	Service brake		foot-electric		hydraulic	
<b>ELECTRIC ENGINE</b>						
6.1	Drive motor rating S2 60 min (kW)		6.0×2		10.0×2	
6.2	Lift motor rating at S3 15 % (kW)		14		21	
6.4	Battery voltage, nominal capacity K5 (V/Ah)		48 / 585		80	
6.5	Battery weight (kg)		1 050	1 560	1 870	
<b>ADDITIONAL DATA</b>						
8.1	Type of drive control unit		MOSFET inverter			
8.2	Operating pressure for attachments (bar)		140		155	
8.4	Sound level at the driver's ear according to DIN 12 053 (dB (A))		68			

# MAST SPECIFICATIONS & RATED CAPACITIES

B15T-7 PLUS												
MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)		FREE LIFT (H2)		SINGLE SOLID TIRE			SINGLE CUSHION TIRE		
			WITH LOAD BACKREST	WITHOUT LOAD BACKREST	WITH LOAD BACKREST	WITHOUT LOAD BACKREST	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)
							FWD	BWD		FWD	BWD	
mm	mm	mm	mm	mm	mm	deg	deg	LC 500mm kg	deg	deg	LC 500mm kg	
STD	3 000	2 000	4 045	3 600	130	130	5	7	1 500	5	7	1 500
	3 300	2 150	4 345	3 900	130	130	5	7	1 500	5	7	1 500
	3 500	2 250	4 545	4 100	130	130	5	7	1 500	5	7	1 500
	3 700	2 350	4 745	4 300	130	130	5	7	1 500	5	7	1 500
	4 000	2 550	5 045	4 600	130	130	5	7	1 500	5	7	1 500
FF	2 700	1 850	3 745	3 325	845	1 265	5	5	1 500	5	5	1 500
	3 000	2 000	4 045	3 625	995	1 415	5	5	1 500	5	5	1 500
	3 300	2 150	4 345	3 925	1 145	1 565	5	5	1 500	5	5	1 500
FFT	4 000	1 880	5 050	4 630	875	1 295	5	5	1 450	5	5	1 475
	4 500	2 045	5 545	5 125	1 040	1 460	5	5	1 400	5	5	1 425
	4 750	2 130	5 795	5 375	1 125	1 545	5	5	1 350	5	5	1 375
	5 000	2 245	6 045	5 625	1 240	1 660	5	5	1 300	5	5	1 350
	5 500	2 480	6 550	6 130	1 475	1 895	5	5	975	5	5	1 275
	6 000	2 645	7 045	6 625	1 640	2 060	5	5	650	5	5	1 225
QUAD	6 100	2 115	7 350	6 730	910	1 530	5	3	1 075	5	3	1 120
	6 580	2 275	7 830	7 210	1 070	1 690	5	3	750	5	3	1 065
	7 020	2 415	8 275	7 655	1 210	1 830	5	3	555	5	3	820

Note: Mast specifications & rated capacities are based on standard chassis with dual pneumatic tire and without side shifter.

## DIMENSIONS



Note: The dimensional drawing is representative of both 4 and 3-wheel series.

# MAST SPECIFICATIONS & RATED CAPACITIES

## B16X-7 PLUS

MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)		FREE LIFT (H2)		SINGLE SOLID TIRE			SINGLE CUSHION TIRE			
			WITH LOAD BACKREST	WITHOUT LOAD BACKREST	WITH LOAD BACKREST	WITHOUT LOAD BACKREST	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	
							FWD	BWD		FWD	BWD		
			mm	mm	mm	mm	mm	mm	deg	deg	LC 500mm	kg	deg
STD	3 000	2 000	4 045	3 600	130	130	5	7	1 600	5	7	1 500	
	3 300	2 150	4 345	3 900	130	130	5	7	1 600	5	7	1 500	
	3 500	2 250	4 545	4 100	130	130	5	7	1 600	5	7	1 500	
	3 700	2 350	4 745	4 300	130	130	5	7	1 600	5	7	1 500	
	4 000	2 550	5 045	4 600	130	130	5	7	1 600	5	7	1 500	
FF	2 700	1 850	3 745	3 325	845	1 265	5	5	1 600	5	5	1 500	
	3 000	2 000	4 045	3 625	995	1 415	5	5	1 600	5	5	1 500	
	3 300	2 150	4 345	3 925	1 145	1 565	5	5	1 600	5	5	1 500	
FFT	4 000	1 880	5 050	4 630	875	1 295	5	5	1 600	5	5	1 475	
	4 500	2 045	5 545	5 125	1 040	1 460	5	5	1 550	5	5	1 425	
	4 750	2 130	5 795	5 375	1 125	1 545	5	5	1 500	5	5	1 375	
	5 000	2 245	6 045	5 625	1 240	1 660	5	5	1 450	5	5	1 350	
	5 500	2 480	6 550	6 130	1 475	1 895	5	5	1 350	5	5	1 275	
QUAD	6 000	2 645	7 045	6 625	1 640	2 060	5	5	1 250	5	5	1 225	
	6 100	2 115	7 350	6 730	910	1 530	5	3	1 220	-	-	-	
	6 580	2 275	7 830	7 210	1 070	1 690	5	3	995	-	-	-	
	7 020	2 415	8 275	7 655	1 210	1 830	5	3	770	-	-	-	

## B18T-7 PLUS

MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)		FREE LIFT (H2)		SINGLE SOLID TIRE			SINGLE CUSHION TIRE			
			WITH LOAD BACKREST	WITHOUT LOAD BACKREST	WITH LOAD BACKREST	WITHOUT LOAD BACKREST	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	
							FWD	BWD		FWD	BWD		
			mm	mm	mm	mm	mm	mm	deg	deg	LC 500mm	kg	deg
STD	3 000	2 000	4 045	3 600	130	130	5	7	1 750	5	7	1 750	
	3 300	2 150	4 345	3 900	130	130	5	7	1 750	5	7	1 750	
	3 500	2 250	4 545	4 100	130	130	5	7	1 750	5	7	1 750	
	3 700	2 350	4 745	4 300	130	130	5	7	1 750	5	7	1 750	
	4 000	2 550	5 045	4 600	130	130	5	7	1 750	5	7	1 750	
FF	2 700	1 850	3 745	3 325	845	1 265	5	5	1 750	5	5	1 750	
	3 000	2 000	4 045	3 625	995	1 415	5	5	1 750	5	5	1 750	
	3 300	2 150	4 345	3 925	1 145	1 565	5	5	1 750	5	5	1 750	
FFT	4 000	1 880	5 050	4 630	875	1 295	5	5	1 675	5	5	1 700	
	4 500	2 045	5 545	5 125	1 040	1 460	5	5	1 600	5	5	1 650	
	4 750	2 130	5 795	5 375	1 125	1 545	5	5	1 525	5	5	1 625	
	5 000	2 245	6 045	5 625	1 240	1 660	5	5	1 400	5	5	1 575	
	5 500	2 480	6 550	6 130	1 475	1 895	5	5	1 025	5	5	1 500	
QUAD	6 000	2 645	7 045	6 625	1 640	2 060	5	5	700	5	5	1 400	
	6 100	2 115	7 350	6 730	910	1 530	5	3	1 075	5	3	1 315	
	6 580	2 275	7 830	7 210	1 070	1 690	5	3	775	5	3	1 115	
	7 020	2 415	8 275	7 655	1 210	1 830	5	3	580	5	3	870	

Note: Mast specifications & rated capacities are based on standard chassis with dual pneumatic tire and without side shifter.

# MAST SPECIFICATIONS & RATED CAPACITIES

## B18X-7 PLUS

MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)		FREE LIFT (H2)		SINGLE SOLID TIRE			SINGLE CUSHION TIRE		
			WITH LOAD BACKREST	WITHOUT LOAD BACKREST	WITH LOAD BACKREST	WITHOUT LOAD BACKREST	TILT ANGLE (α / β)		LOAD CAPACITY (Q)	TILT ANGLE (α / β)		LOAD CAPACITY (Q)
							FWD	BWD		LC 500mm	FWD	
mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg	
STD	3 000	2 000	4 045	3 600	130	130	5	7	1 800	5	7	1 750
	3 300	2 150	4 345	3 900	130	130	5	7	1 800	5	7	1 750
	3 500	2 250	4 545	4 100	130	130	5	7	1 800	5	7	1 750
	3 700	2 350	4 745	4 300	130	130	5	7	1 800	5	7	1 750
	4 000	2 550	5 045	4 600	130	130	5	7	1 800	5	7	1 750
	4 500	2 800	5 545	5 100	130	130	5	7	1 700	5	7	1 650
FF	2 700	1 850	3 745	3 325	845	1 265	5	5	1 800	5	5	1 750
	3 000	2 000	4 045	3 625	995	1 415	5	5	1 800	5	5	1 750
	3 300	2 150	4 345	3 925	1 145	1 565	5	5	1 800	5	5	1 750
FFT	4 000	1 880	5 050	4 630	875	1 295	5	5	1 800	5	5	1 700
	4 500	2 045	5 545	5 125	1 040	1 460	5	5	1 750	5	5	1 650
	4 750	2 130	5 795	5 375	1 125	1 545	5	5	1 600	5	5	1 625
	5 000	2 245	6 045	5 625	1 240	1 660	5	5	1 550	5	5	1 575
	5 500	2 480	6 550	6 130	1 475	1 895	5	5	1 475	5	5	1 500
	6 000	2 645	7 045	6 625	1 640	2 060	5	5	1 350	5	5	1 400
QUAD	6 100	2 115	7 350	6 730	910	1 530	5	3	1 315	–	–	–
	6 580	2 275	7 830	7 210	1 070	1 690	5	3	1 235	–	–	–
	7 020	2 415	8 275	7 655	1 210	1 830	5	3	1 060	–	–	–

## B20T-7 PLUS

MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)		FREE LIFT (H2)		SINGLE SOLID TIRE			SINGLE CUSHION TIRE		
			WITH LOAD BACKREST	WITHOUT LOAD BACKREST	WITH LOAD BACKREST	WITHOUT LOAD BACKREST	TILT ANGLE (α / β)		LOAD CAPACITY (Q)	TILT ANGLE (α / β)		LOAD CAPACITY (Q)
							FWD	BWD		LC 500mm	FWD	
mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg	
STD	3 000	2 000	4 050	3 605	135	135	5	7	2 000	5	7	2 000
	3 300	2 150	4 350	3 905	135	135	5	7	2 000	5	7	2 000
	3 500	2 250	4 550	4 105	135	135	5	7	2 000	5	7	2 000
	3 700	2 350	4 750	4 305	135	135	5	7	2 000	5	7	2 000
	4 000	2 550	5 050	4 605	135	135	5	7	2 000	5	7	2 000
	4 500	2 800	5 550	5 105	135	135	5	7	1 950	5	7	2 000
FF	2 700	1 850	3 750	3 330	845	1 265	5	5	2 000	5	5	2 000
	3 000	2 000	4 050	3 630	995	1 415	5	5	2 000	5	5	2 000
	3 300	2 150	4 350	3 930	1 145	1 565	5	5	2 000	5	5	2 000
FFT	4 000	1 880	5 055	4 635	875	1 295	5	5	1 950	5	5	2 000
	4 500	2 045	5 550	5 130	1 040	1 460	5	5	1 875	5	5	1 975
	4 750	2 130	5 800	5 380	1 125	1 545	5	5	1 825	5	5	1 925
	5 000	2 245	6 050	5 630	1 240	1 660	5	5	1 800	5	5	1 900
	5 500	2 480	6 555	6 135	1 475	1 895	5	5	1 700	5	5	1 800
	6 000	2 645	7 050	6 630	1 640	2 060	5	5	1 575	5	5	1 500
QUAD	6 100	2 115	7 350	6 730	910	1 530	5	3	1 510	5	3	1 560
	6 580	2 275	7 830	7 210	1 070	1 690	5	3	1 260	5	3	1 165
	7 020	2 415	8 275	7 655	1 210	1 830	5	3	965	5	3	870

Note: Mast specifications & rated capacities are based on standard chassis with dual pneumatic tire and without side shifter.

# MAST SPECIFICATIONS & RATED CAPACITIES

## B20X-7 PLUS

MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)		FREE LIFT (H2)		SINGLE SOLID TIRE			SINGLE CUSHION TIRE			
			WITH LOAD BACKREST	WITHOUT LOAD BACKREST	WITH LOAD BACKREST	WITHOUT LOAD BACKREST	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	
							FWD	BWD		FWD	BWD		
			mm	mm	mm	mm	mm	mm	deg	deg	LC 500mm	kg	deg
STD	3 000	2 000	4 050	3 605	135	135	5	7	2 000	5	7	2 000	
	3 300	2 150	4 350	3 905	135	135	5	7	2 000	5	7	2 000	
	3 500	2 250	4 550	4 105	135	135	5	7	2 000	5	7	2 000	
	3 700	2 350	4 750	4 305	135	135	5	7	2 000	5	7	2 000	
	4 000	2 550	5 050	4 605	135	135	5	7	2 000	5	7	2 000	
	4 500	2 800	5 550	5 105	135	135	5	7	1 900	5	7	2 000	
FF	2 700	1 850	3 750	3 330	845	1 265	5	5	2 000	5	5	2 000	
	3 000	2 000	4 050	3 630	995	1 415	5	5	2 000	5	5	2 000	
	3 300	2 150	4 350	3 930	1 145	1 565	5	5	2 000	5	5	2 000	
FFT	4 000	1 880	5 055	4 635	875	1 295	5	5	1 900	5	5	2 000	
	4 500	2 045	5 550	5 130	1 040	1 460	5	5	1 900	5	5	1 975	
	4 750	2 130	5 800	5 380	1 125	1 545	5	5	1 800	5	5	1 925	
	5 000	2 245	6 050	5 630	1 240	1 660	5	5	1 725	5	5	1 900	
	5 500	2 480	6 555	6 135	1 475	1 895	5	5	1 650	5	5	1 800	
	6 000	2 645	7 050	6 630	1 640	2 060	5	5	1 500	5	5	1 500	
QUAD	6 100	2 115	7 350	6 730	910	1 530	5	3	1 485	-	-	-	
	6 580	2 275	7 830	7 210	1 070	1 690	5	3	1 355	-	-	-	
	7 020	2 415	8 275	7 655	1 210	1 830	5	3	1 035	-	-	-	

## B25X-7 PLUS

MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)	FREE LIFT (H2)	SINGLE SOLID TIRE			SINGLE CUSHION TIRE			
					WITH LOAD BACKREST	WITH LOAD BACKREST	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	TILT ANGLE ( $\alpha / \beta$ )	
			FWD	BWD			FWD	BWD			
			mm	mm	mm	mm	deg	deg	LC 500mm	kg	deg
STD	2 950	2 020	4 200	147	6	9	2 500	6	9	2 500	
	3 230	2 160	4 480	147	6	9	2 500	6	9	2 500	
	3 500	2 410	4 755	147	6	9	2 500	6	9	2 500	
	3 800	2 560	5 055	147	6	9	2 500	6	9	2 500	
	3 950	2 635	5 205	147	6	9	2 500	6	9	2 500	
	4 350	2 835	5 605	147	6	9	2 500	6	9	2 500	
	4 960	3 135	6 205	147	6	9	2 425	6	9	2 450	
FF	2 950	2 020	4 200	815	6	9	2 500	6	9	2 500	
	3 230	2 160	4 480	955	6	9	2 500	6	9	2 500	
	3 600	2 410	4 855	1 205	6	9	2 500	6	9	2 500	
FFT	3 900	1 885	5 155	680	6	9	2 500	6	9	2 500	
	4 290	2 020	5 560	815	6	9	2 500	6	9	2 500	
	4 730	2 160	5 980	955	6	9	2 475	6	9	2 500	
	4 805	2 165	6 055	980	6	9	2 450	6	9	2 475	
	5 560	2 510	6 805	1 305	6	5	2 275	6	9	2 325	
	6 010	2 660	7 255	1 455	6	5	1 700	6	9	2 250	
QUAD	6 100	2 160	7 355	6 820	6	5	1 565	6	9	1 770	
	6 640	2 360	7 895	7 360	6	5	1 095	6	5	1 670	
	7 035	2 460	8 295	7 760	6	5	840	6	5	1 615	
	7 945	2 790	9 200	8 665	6	5	405	6	5	830	

Note: Mast specifications & rated capacities are based on standard chassis with dual pneumatic tire and without side shifter.

# MAST SPECIFICATIONS & RATED CAPACITIES

B30X-7 PLUS										
MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)	FREE LIFT (H2)	SINGLE SOLID TIRE			SINGLE CUSHION TIRE		
			WITH LOAD BACKREST	WITH LOAD BACKREST	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)
					FWD	BWD	LC 500mm	FWD	BWD	LC 500mm
mm	mm	mm	mm	deg	deg	kg	deg	deg	kg	
STD	2 950	2 020	4 200	152	6	9	3 000	6	9	3 000
	3 230	2 160	4 480	152	6	9	3 000	6	9	3 000
	3 500	2 410	4 755	152	6	9	3 000	6	9	3 000
	3 800	2 560	5 055	152	6	9	3 000	6	9	3 000
	3 950	2 635	5 205	152	6	9	3 000	6	9	3 000
	4 350	2 835	5 605	152	6	9	2 950	6	9	2 975
	4 960	3 135	6 205	152	6	9	2 800	6	9	2 825
FF	2 950	2 020	4 200	820	6	9	3 000	6	9	3 000
	3 230	2 160	4 480	960	6	9	3 000	6	9	3 000
	3 600	2 410	4 855	1 210	6	9	3 000	6	9	3 000
FFT	3 900	1 885	5 155	685	6	9	2 900	6	9	2 900
	4 290	2 020	5 560	820	6	9	2 900	6	9	2 900
	4 730	2 160	5 980	960	6	9	2 850	6	9	2 875
	4 805	2 165	6 055	985	6	9	2 850	6	9	2 875
	5 560	2 510	6 805	1 310	6	5	2 300	6	9	2 700
6 010	2 660	7 255	1 460	6	5	1 775	6	5	2 600	

B35X-7 PLUS										
MAST TYPE	MAXIMUM FORK HEIGHT (H3)	HEIGHT MAST LOWERED (H1)	HEIGHT MAST EXTENDED (H4)	FREE LIFT (H2)	SINGLE SOLID TIRE			SINGLE CUSHION TIRE		
			WITH LOAD BACKREST	WITH LOAD BACKREST	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)	TILT ANGLE ( $\alpha / \beta$ )		LOAD CAPACITY (Q)
					FWD	BWD	LC 500mm	FWD	BWD	LC 500mm
mm	mm	mm	mm	deg	deg	kg	deg	deg	kg	
STD	2 720	2 020	3 970	152	6	9	3 500	6	9	3 500
	3 000	2 160	4 250	152	6	9	3 500	6	9	3 500
	3 495	2 410	4 750	152	6	9	3 500	6	9	3 500
	3 655	2 560	4 905	152	6	9	3 500	6	9	3 500
	3 805	2 635	5 055	152	6	9	3 500	6	9	3 500
	4 805	3 135	6 055	152	6	5	3 125	6	9	3 425
FF	2 720	2 020	3 970	820	6	5	3 500	6	9	3 500
	3 000	2 160	4 250	960	6	5	3 500	6	9	3 500
	3 495	2 410	4 745	1 210	6	5	3 500	6	9	3 500
FFT	3 555	1 885	4 805	685	6	9	3 400	6	9	3 400
	3 960	2 020	5 210	820	6	9	3 400	6	9	3 400
	4 380	2 160	5 630	960	6	9	3 300	6	9	3 400
	4 820	2 330	6 070	1 130	6	5	3 175	6	9	3 400
	5 205	2 510	6 455	1 310	6	5	2 575	6	9	3 300
5 655	2 660	6 905	1 460	6	5	2 000	6	5	3 200	

Note: Mast specifications & rated capacities are based on standard chassis with dual pneumatic tire and without side shifter.

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