



FOUR-WHEEL CUSHION TIRE ELECTRIC FORKLIFTS

36/48V 3,000-4,000 LB. CAPACITY: BC15S-5 | BC18S-5 | BC20SC-5



PROVEN TO REACH NEW PEAKS IN PERFORMANCE

The Bobcat® BC15-BC20SC-5 forklifts deliver ample power and lift and lowering speeds that maximize productivity and cruise through tough application challenges like cross-docking, beverage and bottle stacking, or dock-to-stock activities in tight aisles.



Machine: BC18S-5



These hard-working machines will smoothly travel over ramps, grades, cracks and uneven surfaces. They will provide you with the efficiency you need to meet your material handling needs.

STAY SAFE OUT THERE.

Designed with exceptional visibility, trusted stability and intelligent features, our forklifts prioritize the safety of operators, pedestrians and everyone working nearby. Rely on Bobcat safety features so you can focus on working quickly and efficiently.

HIGH OVERHEAD VISIBILITY

Wider mast window, repositioned hydraulic hoses and flat bar-style overhead guard optimize operator sight lines forward, up and to the load.

STEERING ANGLE SENSOR

Proportionally reduces speed based on the steering angle to keep operators safe during aggressive cornering.

INTELLIGENT TORQUE CONTROL

With intelligent torque control, you can adjust drive and hydraulic performance to best meet your productivity needs. Separately control acceleration, speed and gradeability for a custom work experience. The system also monitors drive motor temperatures to support your machine health and maintenance tracking.

ADVANCED BRAKING TECHNOLOGY

Electrically assisted regenerative braking allows operators to come to a full stop while conserving power.

STANDARD ANTI-ROLL SYSTEMS

Keep your team or crew safe with Bobcat anti-rollback and anti-rolldown systems. The machine can hold its position if an operator needs to exit the unit unexpectedly – even on ramps.

TURTLE MODE

For warehouses with high foot traffic, turtle mode helps to address safety concerns by reducing travel speed to a predetermined setting at the push of a button. Lift performance remains unaffected.





TAKE YOUR PRODUCTIVITY TO THE HIGHEST LEVEL.

Productivity in a forklift is a combination of speed, control and energy conservation. Bobcat forklifts have all that and more.

OPERATE FASTER AND LONGER.

Faster travel and lift speeds ensure peak performance. Energy consumption efficiency translates into more runtime per shift.

OPERATOR DISPLAY

The LED display and seven-digit LCD display provide operators with everything they need to work efficiently, with operating information, diagnostics, programmable performance modes and more.

INTUITIVE HYDRAULIC LEVER PLACEMENT

Hood-mounted control levers keep the operator's arm in a natural position to minimize stress on the shoulders and neck during long hours of operation.



Machine: BC18S-5



OPERATOR-CENTRIC PERFORMANCE SELECTION

The operator controls the truck's performance capability and can optimize productivity and battery consumption rate to match application requirements.

- H-Mode (High Performance)
- S-Mode (Standard Performance)
- E-Mode (Energy Efficient Performance)
- Turtle Mode (Reduces travel speed while maintaining lift speed)

ITC (INTELLIGENT TORQUE CONTROL)

Closed-loop feedback system monitors the drive and hydraulic motors to maintain speed consistency, whether the truck is empty or loaded. It also provides:

- Responsive acceleration
- Excellent gradeability
- Full protection against short/open circuits
- Continuous temperature monitoring of panel and motors to maximize material handling productivity

EXCLUSIVE ACTIVE CONTROL TECHNOLOGY (ACT)



ACTIVE PERFORMANCE CONTROL

Self-adjusts performance criteria to changes in operating conditions



ACTIVE ENERGY CONTROL

Maintains consistent performance through 80% of battery-charge life



ACTIVE HEAT CONTROL

System self protects when overheating is detected to correct temperature



ACTIVE COMFORT CONTROL

Customizes operating parameters to match driver's style for increased comfort, confidence and control



ACTIVE TRAVEL CONTROL

Optical pulse steering angle sensor controls the travel speed while turning

A man in a blue polo shirt and dark pants is operating a forklift. He is looking forward and slightly to the right. The forklift has a white body with a red and black logo that says "BC18". The background is a blurred warehouse interior with shelves and lights.

COMFORT

WATCH THE HOURS FLY BY.

The ergonomically designed and spacious operator compartment combines with a variety of enhancements to help boost output in any application.

Machine: BC18S-5



DELUXE SUSPENSION SEAT WITH OSS (OPERATOR SENSING SYSTEM)

A comfortable deluxe suspension seat with OSS (Operator Sensing System), a large seat-back angle, longer seat travel length and operator's weight resistance on the front side allow multiple adjustments for optimum seating comfort.



REAR GRAB HANDLE WITH HORN BUTTON

The rear grab handle provides the operator with a safe location for hand placement while driving in reverse. Hands stay inside to remove the risk of injury. Placed in an ergonomic position, the handle includes a horn button so that the driver never has to remove his eyes from the direction of travel.



SPACIOUS OPERATOR COMPARTMENT

With comfortable pedal positioning and a fully adjustable steering column, plus deck-mounted hydraulic levers and plenty of footroom, this forklift has comfort to spare.



FINGERTIP CONTROLS (OPTIONAL)

Permits precisely controlled load movement to significantly reduce operator movement and expended effort. Lift and tilt locking engage when the operator leaves the seat or puts the key in the "off" position.

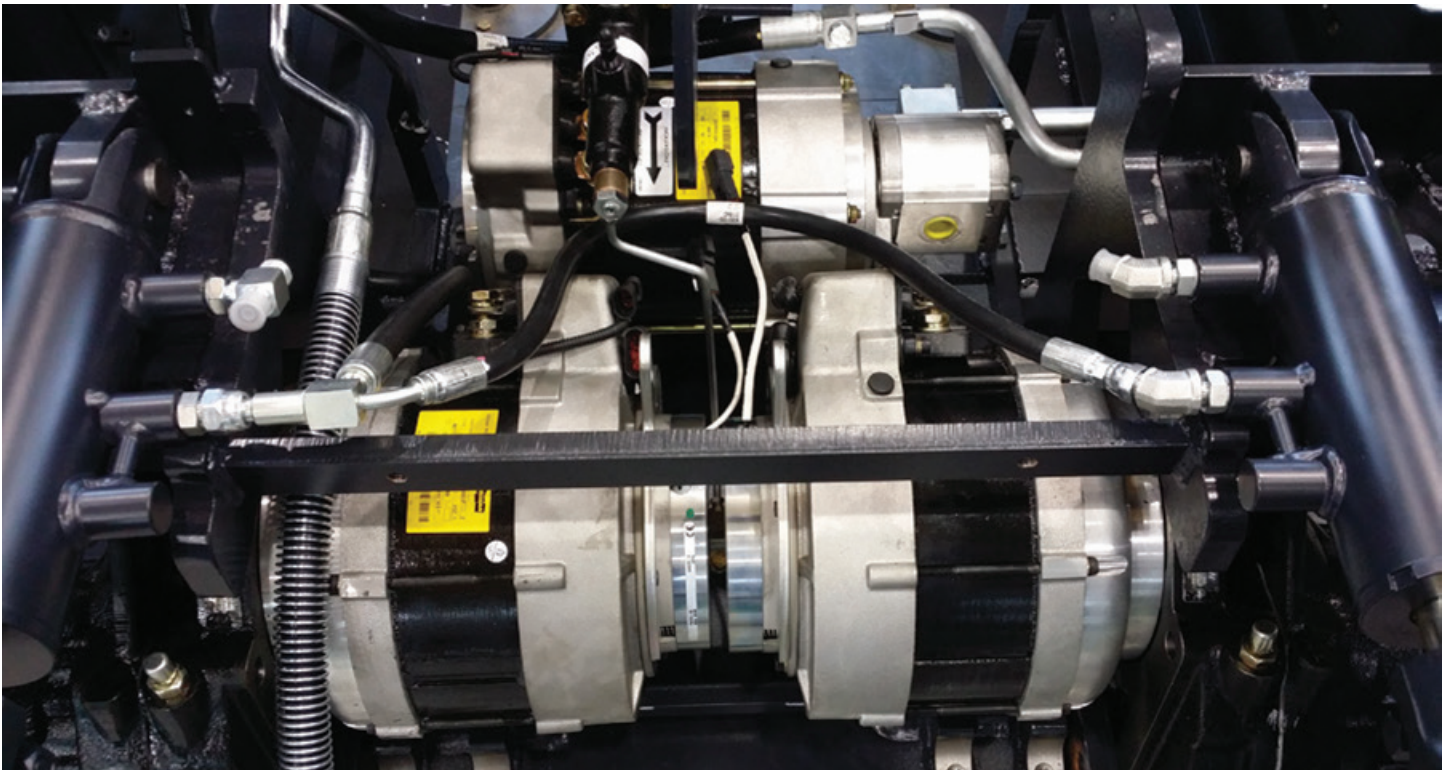
READY, SET, GO THE DISTANCE.

Our goal is to make your material handling operation as efficient and reliable as possible. By designing forklifts with reduced maintenance costs and more features to maximize uptime, we give you the equipment to make the toughest jobs look easy.



LOW-MAINTENANCE ELECTRIC MOTORS

Innovative Bobcat AC technology eliminates motor brushes, commutators and directional contactors to reduce maintenance and decrease overall operating costs by over \$5,000 over a five-year operating period.



Machine: BC18S-5



POWERFUL AC CONTROLLER

The Curtis® AC controller manages and monitors every operating system on the truck to protect your machine from damage, improve maintenance and reduce headaches in your operations.



RUGGED AND DURABLE TRANSAXLE

A full floating drive axle and rugged AC drive motor quietly deliver high-efficiency, smooth-operating performance that stands up to high-impact loading without damage.



STREAMLINED MAINTENANCE

The machine's display offers easy access to fault codes for operators. A computer interface makes it simple for maintenance technicians to perform more advanced service or troubleshooting. The forklift controller provides both runtime and troubleshooting diagnostics to help you quickly solve issues. You can also lock the controller programming to guard against tampering.



OIL-COOLED DISC BRAKES

Virtually maintenance free, the enclosed brake system eliminates outside contamination, significantly extending the brake life up to five times longer when compared to conventional shoe brakes. They come with our industry-best five-year/10,000-hour warranty.

SPECIFICATIONS

MODEL		BC15S-5		BC18S-5	
CHARACTERISTICS	Load Capacity (at Rated Load Center)	1	3000 lb. (1500 kg)	3500 lb. (1750 kg)	
	Load Center	2	24.0 in. (500 mm)	24.0 in. (500 mm)	
	Power Type	3	AC Electric	AC Electric	
	Operator Type	4	Driver-Seated	Driver-Seated	
	Tire Type	5	Cushion	Cushion	
	Wheels, Number Front/Rear (x=Drive)	6	x2/2	x2/2	
DIMENSIONS	Max. Fork Height (w/ Standard 2-Stage Mast)	7	130.0 in. (3300 mm)	130.0 in. (3300 mm)	
	Free Lift	8	5.1 in. (130 mm)	5.1 in. (130 mm)	
	Fork Dimensions (Thickness x Width x Length)	9/10/11	1.4 x 4.0 x 41.0 in. (35 x 100 x 1050 mm)	1.4 x 4.0 x 41.0 in. (35 x 100 x 1050 mm)	
	Fork Spacing (Min./Max.)	12	9.4 in. (240 mm) / 35.6 in. (905 mm)	9.4 in. (240 mm) / 35.6 in. (905 mm)	
	Tilt of Mast (Forward/Backward)	13/14	6°/ 8°	6°/ 8°	
	Length to Forkface	15	76.1 in. (1933 mm)	77.7 in. (1973 mm)	
	Overall Width	16	37.2 in. (945 mm)	37.2 in. (945 mm)	
	Mast Lowered Height	17	83.9 in. (2130 mm)	83.9 in. (2130 mm)	
	Mast Extended Height	18	171.1 in. (4345 mm)	171.1 in. (4345 mm)	
	Overhead Guard Height	19	86.8 in. (2207 mm)	86.8 in. (2207 mm)	
	Seat Height	20	44.7 in. (1135 mm)	44.7 in. (1135 mm)	
	Head Room (Min./Max.)	21	33.4 in. (849 mm) / 44.2 in. (1123 mm)	33.4 in. (849 mm) / 44.2 in. (1123 mm)	
	Outside Turning Radius	22	69.3 in. (1760 mm)	70.0 in. (1778 mm)	
	Load Moment Center	23	15.5 in. (394 mm)	15.5 in. (394 mm)	
PERFORMANCE	Aisle 90 Degree Stacking (Add Load Length and Clearance)	24	84.8 in. (2154 mm)	85.5 in. (2172 mm)	
	Travel Speed 36V (Loaded/Unloaded)	25	8.7 mph (14.0 km/hr.) / 9.3 mph (15.0 km/hr.)	8.7 mph (14.0 km/hr.) / 9.3 mph (15.0 km/hr.)	
	Travel Speed 48V (Loaded/Unloaded)	26	10.6 mph (17.0 km/hr.) / 10.6 mph (17.0 km/hr.)	10.6 mph (17.0 km/hr.) / 10.6 mph (17.0 km/hr.)	
	Lifting Speed 36V (Loaded/Unloaded)	27	73.0 fpm (370 mm/s) / 108.0 fpm (550 mm/s)	69.0 fpm (340 mm/s) / 108.0 fpm (550 mm/s)	
	Lifting Speed 48V (Loaded/Unloaded)	28	79.0 fpm (400 mm/s) / 118.0 fpm (600 mm/s)	79.0 fpm (400 mm/s) / 118.0 fpm (600 mm/s)	
	Lowering Speed (Loaded/Unloaded)	29	98.4 fpm (500 mm/s) / 88.6 fpm (450 mm/s)	98.4 fpm (500 mm/s) / 88.6 fpm (450 mm/s)	
	Max. Drawbar Pull (Loaded, 5 min. Rating)	30	1360 lb. (630 kg)	1360 lb. (630 kg)	
WEIGHT	Max. Gradeability (Loaded, 5 min. Rating)	31	14%	13%	
	Service Weight (w/ Min. Weight of Battery)	32	6989 lb. (3170 kg)	7385 lb. (3350 kg)	
	Axle Load: Loaded (Front/Rear)	33/34	8575 lb. (3890 kg) / 1410 lb. (640 kg)	9413 lb. (4270 kg) / 1477 lb. (670 kg)	
CHASSIS	Axle Load: Unloaded (Front/Rear)	35/36	3097 lb. (1405 kg) / 3891 lb. (1765 kg)	3009 lb. (1365 kg) / 4376 lb. (1985 kg)	
	Tire Size (Front)	37	18 x 6 x 12.1	18 x 6 x 12.1	
	Tire Size (Rear)	38	14 x 5 x 10	14 x 5 x 10	
	Wheelbase	39	48.0 in. (1220 mm)	48.0 in. (1220 mm)	
	Tread Width (Front)	40	31.0 in. (787 mm)	31.0 in. (787 mm)	
	Tread Width (Rear)	41	31.0 in. (787 mm)	31.0 in. (787 mm)	
	Ground Clearance, Lowest Point	42	2.7 in. (68 mm)	2.7 in. (68 mm)	
	Ground Clearance, Center of Wheelbase	43	3.1 in. (80 mm)	3.1 in. (80 mm)	
	Service Brake	44	Shoe/ODB	Shoe/ODB	
POWER TRAIN	Parking Brake	45	Hand/Mech	Hand/Mech	
	Battery Type	46	Lead-Acid	Lead-Acid	
	Max. Battery Capacity (5 hr.)	47	36V / 740 Ah or 48V / 585 Ah	36V / 740 Ah or 48V / 585 Ah	
	Battery Compartment (Width x Length x Height)	48/49/50	36.2 x 27.6 x 25.8 in. (920 x 702 x 655 mm)	36.2 x 27.6 x 25.8 in. (920 x 702 x 655 mm)	
	Min. Battery Weight	51	1874 lb. (850 kg)	1874 lb. (850 kg)	
	Electric Motors, Drive (1 hr. Rating)	52	13.4 hp (10.0 kW)	13.4 hp (10.0 kW)	
	Electric Motors, Hyd. (15% Duty)	53	16.1 hp (12.0 kW)	16.1 hp (12.0 kW)	
	Control Type (w/ Electric Drive)	54	MOSFET Inverter	MOSFET Inverter	
	Relief Pressure, System	55	2880 psi (198.4 bar)	2880 psi (198.4 bar)	
	Relief Pressure, Attachment	56	2250 psi (155.0 bar)	2250 psi (155.0 bar)	
	Noise Level	57	68 dB	68 dB	

BC20SC-5

4000 lb. (2000 kg)

24.0 in. (500 mm)

AC Electric

Driver-Seated

Cushion

x2/2

130.0 in. (3300 mm)

5.3 in. (135 mm)

1.5 x 4.0 x 41.0 in. (40 x 100 x 1050 mm)

9.4 in. (240 mm) / 35.6 in. (905 mm)

6°/ 8°

79.9 in. (2028 mm)

39.0 in. (991 mm)

83.9 in. (2130 mm)

171.1 in. (4345 mm)

86.8 in. (2207 mm)

44.7 in. (1135 mm)

33.4 in. (849 mm) / 44.2 in. (1123 mm)

71.2 in. (1808 mm)

15.7 in. (399 mm)

86.9 in. (2207 mm)

8.7 mph (14.0 km/hr.) / 9.3 mph (15.0 km/hr.)

10.6 mph (17.0 km/hr.) / 10.6 mph (17.0 km/hr.)

63.0 fpm (320 mm/s) / 108.0 fpm (550 mm/s)

79.0 fpm (400 mm/s) / 118.0 fpm (600 mm/s)

98.4 fpm (500 mm/s) / 88.6 fpm (450 mm/s)

1360 lb. (630 kg)

12%

7870 lb. (3570 kg)

10,168 lb. (4612 kg) / 1693 lb. (768 kg)

2877 lb. (1305 kg) / 4993 lb. (2265 kg)

18 x 7 x 12.12

14 x 5 x 10

48.0 in. (1220 mm)

32.0 in. (813 mm)

31.0 in. (787 mm)

2.7 in. (68 mm)

3.1 in. (80 mm)

Shoe/ODB

Hand/Mech

Lead-Acid

36V / 740 Ah or 48V / 585 Ah

36.2 x 27.6 x 25.8 in. (920 x 702 x 655 mm)

1874 lb. (850 kg)

13.4 hp (10.0 kW)

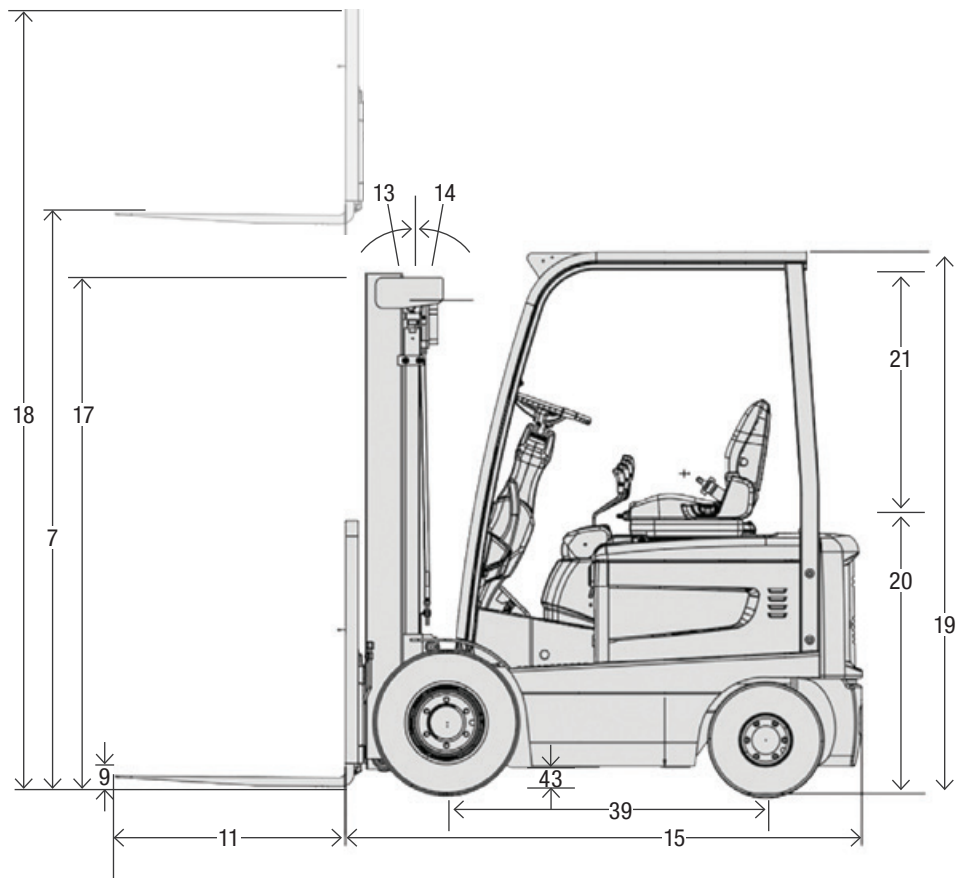
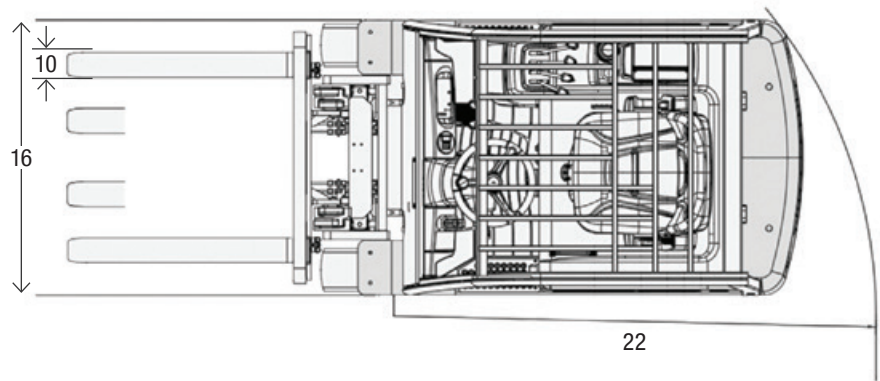
16.1 hp (12.0 kW)

MOSFET Inverter

3125 psi (215.3 bar)

2250 psi (155.0 bar)

68 dB



SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT		MAXIMUM LOWERED HEIGHT		FULLY EXTENDED HEIGHT		FREE LIFT		RATED LOAD CAPACITIES					
					WITH LOAD BACKREST		WITH LOAD BACKREST		BC15S LOAD CAPACITIES					
									TILT ANGLE		NARROW TIRE		WIDE TIRE	
									FWD	BWD	LC 24 IN.	LC 500 MM	LC 24 IN.	LC 500 MM
	in.	mm	in.	mm	in.	mm	in.	mm	deg.	deg.	lb.	kg	lb.	kg
Std	118	3000	78	1980	159	4045	5	130	6	8	3000	1500	3000	1500
	130	3300	84	2130	171	4345	5	130	6	8	3000	1500	3000	1500
	138	3500	88	2230	179	4545	5	130	6	8	3000	1500	3000	1500
	146	3700	92	2330	187	4745	5	130	6	8	3000	1500	3000	1500
	157	4000	100	2530	199	5045	5	130	6	8	3000	1500	3000	1500
	177	4500	109	2780	218	5545	5	130	6	8	3000	1300	3000	1500
FF	106	2700	72	1830	147	3745	32	825	6	5	3000	1500	3000	1500
	118	3000	78	1980	159	4045	38	975	6	5	3000	1500	3000	1500
	130	3300	84	2130	171	4345	44	1125	6	5	3000	1500	3000	1500
FFT	157	4000	73	1860	199	5050	34	855	6	5	3000	1500	3000	1500
	177	4500	80	2025	218	5545	40	1020	6	5	3000	1500	3000	1500
	187	4750	83	2110	228	5795	44	1105	6	5	2850	1450	2850	1450
	197	5000	88	2225	238	6045	48	1220	6	5	2850	1300	2850	1450
	217	5500	97	2460	258	6550	57	1455	6	5	2000	850	2750	1350
	236	6000	103	2625	277	7045	64	1620	6	5	1300	600	2450	1100

MAST TYPE	MAXIMUM FORK HEIGHT		MAXIMUM LOWERED HEIGHT		FULLY EXTENDED HEIGHT		FREE LIFT		RATED LOAD CAPACITIES					
					WITH LOAD BACKREST		WITH LOAD BACKREST		BC18S LOAD CAPACITIES					
									TILT ANGLE		NARROW TIRE		WIDE TIRE	
									FWD	BWD	LC 24 IN.	LC 500 MM	LC 24 IN.	LC 500 MM
	in.	mm	in.	mm	in.	mm	in.	mm	deg.	deg.	lb.	kg	lb.	kg
Std	118	3000	78	1980	159	4045	5	130	6	8	3500	1750	3500	1750
	130	3300	84	2130	171	4345	5	130	6	8	3500	1750	3500	1750
	138	3500	88	2230	179	4545	5	130	6	8	3500	1750	3500	1750
	146	3700	92	2330	187	4745	5	130	6	8	3500	1750	3500	1750
	157	4000	100	2530	199	5045	5	130	6	8	3400	1700	3400	1700
	177	4500	109	2780	218	5545	5	130	6	8	2950	1300	3250	1650
FF	106	2700	72	1830	147	3745	32	825	6	5	3500	1750	3500	1750
	118	3000	78	1980	159	4045	38	975	6	5	3500	1750	3500	1750
	130	3300	84	2130	171	4345	44	1125	6	5	3500	1750	3500	1750
FFT	157	4000	73	1860	199	5050	34	855	6	5	3400	1700	3400	1700
	177	4500	80	2025	218	5545	40	1020	6	5	3250	1600	3250	1600
	187	4750	83	2110	228	5795	44	1105	6	5	3150	1550	3150	1600
	197	5000	88	2225	238	6045	48	1220	6	5	2950	1300	3150	1550
	217	5500	97	2460	258	6550	57	1455	6	5	1950	850	2950	1450
	236	6000	103	2625	277	7045	64	1620	6	3	1850	800	2800	1400

MAST TYPE	MAXIMUM FORK HEIGHT		MAXIMUM LOWERED HEIGHT		FULLY EXTENDED HEIGHT		FREE LIFT		RATED LOAD CAPACITIES					
					WITH LOAD BACKREST		WITH LOAD BACKREST		BC20SC LOAD CAPACITIES					
									TILT ANGLE		NARROW TIRE		WIDE TIRE	
									FWD	BWD	LC 24 IN.	LC 500 MM	LC 24 IN.	LC 500 MM
	in.	mm	in.	mm	in.	mm	in.	mm	deg.	deg.	lb.	kg	lb.	kg
Std	118	3000	78	1980	159	4050	5	135	6	8	4000	2000	4000	2000
	130	3300	84	2130	171	4350	5	135	6	8	4000	2000	4000	2000
	138	3500	88	2230	179	4550	5	135	6	8	4000	2000	4000	2000
	146	3700	92	2330	187	4750	5	135	6	8	4000	2000	4000	2000
	157	4000	100	2530	199	5050	5	135	6	8	3850	1950	3850	1950
	177	4500	109	2780	219	5550	5	135	6	8	3300	1450	3750	1850
FF	106	2700	72	1830	148	3750	32	825	6	5	4000	2000	4000	2000
	118	3000	78	1980	159	4050	38	975	6	5	4000	2000	4000	2000
	130	3300	84	2130	171	4350	44	1125	6	5	4000	2000	4000	2000
FFT	157	4000	73	1860	199	5055	34	855	6	5	3850	1900	3850	1900
	177	4500	80	2025	219	5550	40	1020	6	5	3650	1800	3650	1850
	187	4750	83	2110	228	5800	44	1105	6	5	3550	1750	3650	1800
	197	5000	88	2225	238	6050	48	1220	6	5	3300	1450	3550	1750
	217	5500	97	2460	258	6555	57	1455	6	3	3000	1300	3400	1650
	236	6000	103	2625	278	7050	64	1620	6	3	2000	900	2750	1200



STANDARD FEATURES AND OPTIONS

OCDB	Std
Cloth Suspension Seat	Std
Backup Alarm	Std
Amber Strobe	Std
Large Dual Mirrors	Std
Operator Convenience Tray	Std
Rear Grab Bar w/ Horn	Std
Bobcat ACT	Std
Tilt Steering Wheel	Std
Dual Front LED Flood Lights	Std
Rear LED Flood Light	Std
Integral Side Shift	Std
Deluxe Suspension Seat	Opt
Battery Rollout	Opt
Mono-Pedal	Opt



Bobcat®

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Where applicable, dimensions are in accordance with ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat units may show other than standard equipment. All dimensions are given for material handling equipment with standard tires. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.



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