



# FOUR-WHEEL CUSHION TIRE ELECTRIC FORKLIFTS

4,000-6,500 LB. CAPACITY: BC20S-7 | BC25S-7 | BC25SE-7 | BC30S-7 | BC32S-7





# LEADING THE WAY WITH RELIABILITY AND EFFICIENCY

EXPERIENCE UNBEATABLE VALUE AND EXCEPTIONAL PRODUCTIVITY WITH BOBCAT FOUR-WHEEL CUSHION TIRE ELECTRIC FORKLIFTS.

These efficient machines offer a dynamic performance-to-power-consumption ratio that best meets the application at hand. With modern safety features and considerable operator convenience, you can comfortably boost your capabilities in manufacturing, food processing facilities, warehouses and more.

# OUTSTANDING PRODUCTIVITY IN EVERY ENVIRONMENT

Bobcat® four-wheel cushion tire electric forklifts combine advanced technology and exceptional performance with variable energy consumption modes, giving your workforce the right truck for the job at hand. Whether you're working in a factory, fishery, slaughterhouse or pharmaceutical facility, they're engineered to drive your efficiency to new heights.

### WAREHOUSE APPLICATIONS

These forklifts have advanced steering axles that achieve steering angles as tight as 86 degrees, providing easy maneuverability in tight spaces. A rounded counterweight enhances navigation in narrow aisles, reduces damage potential and gives you just enough play to complete a right-angle stack.



### DUST AND MOISTURE PROTECTION

With sealed IP65-rated controllers, IP43-rated motors, and silicone seals on harnesses and connectors, these forklifts are safe for refrigerated environments, freezers, and other moisture-rich applications or dusty grist- and feed-mill operations.



# SAFETY COMES STANDARD.

These forklifts meet the demands for operator safety and machine stability in every application. A host of features, from the Guardian Stability System (GSS) to the Operator Sensing System (OSS), help protect the operator and the load, ensuring safety on your jobsite.

## CORNERING SPEED CONTROL

The controls, equipped with precise angle sensors, automatically reduce travel speeds at sharp turns, reducing the chances of losing an unstable load or tipping over during turns.

## SEATBELT INDICATOR

A seatbelt indicator light flashes on the display to remind the operator to fasten their seatbelt.

## OPERATOR SENSING SYSTEM

Whenever the operator leaves the seat, traveling and lifting are restricted.

## THERMAL PROTECTION

The system starts to limit the vehicle's performance when a safe threshold is exceeded, preventing it from reaching the limit.

## UNLIMITED RAMP HOLD

The electromagnetic parking brake automatically engages when the operator leaves the seat, even on inclines or ramps.

## BATTERY DISCHARGE INDICATOR

Lifting is disabled and an alarm will notify the operator to charge the battery when the battery discharges below 20%, preventing sudden power loss and ensuring a long life cycle of the battery.

## TURTLE MODE

Pressing the Turtle Mode button will reduce travel speed to a previously set parameter without affecting the lift speed.

## MAST LOWERING INTERLOCK

If the operator keys off or gets off the seat, the hydraulic lift and tilt locking system will limit the motion of the truck.

## MAST TILT LOCK

Hydraulic locks prevent hydraulic drift when lowering and tilting for improved load stability.

## AUTO TILT LEVELING (OPTIONAL)

Returns the mast to vertical position easily by tilt angle sensing.

## GUARDIAN STABILITY SYSTEM

- Decreases travel speed by 50% when mast is raised above primary stage
- Reduces forward tilt by 2 degrees when mast is raised above primary stage
- Alarm sounds when mast is raised above primary stage with mast tilted more than 2 degrees

## A RELIABLY SMOOTH OPERATOR

Featuring a precision AC controller and heavy-duty drive and pump motor, Bobcat forklifts deliver durable, efficient operation in even the most challenging settings.



### CURTIS AC CONTROLLER

The AC controller enables precise adjustment for acceleration, coasting and regenerative braking, in addition to lifting, lowering and travel. It also simplifies maintenance and diagnostics for service technicians.

### AC DRIVE AND LIFT MOTORS

Bobcat heavy-duty drive and pump motors deliver high performance and feature an IP43 rating for keeping out moisture and debris.

### ADJUSTABLE PERFORMANCE

Bobcat forklifts perform reliably in a variety of indoor applications, including general warehousing, home improvement stores, manufacturing, medical equipment storage and more.

# ERGONOMICS THAT WON'T QUIT

Operators perform best when their working conditions are ideal, and Bobcat forklifts have been designed with this in mind. From the steering wheel to the full suspension seat, everything about these trucks puts the operators in comfort.



## REAR GRAB BAR

The horn button on the rear grab bar enhances comfort and safety while traveling in reverse by allowing the operator to sound the horn and still maintain full control of the vehicle.



## CONVENIENCE TRAY

Specifically designed for operator comfort, the convenience tray includes a large cup holder, a USB port, a 12V power outlet and a clipboard holder.



## INTUITIVE INSTRUMENT PANEL

Operators can control the truck's performance settings during operation simply by navigating the instrument panel.



## FULLY CUSTOMIZABLE WORK AREA

The steering column, full suspension comfort seat, armrest and optional headrest are all adjustable to accommodate individual preferences for each forklift operator.



### HYDRAULIC LEVERS

The directional switch is located on the hydraulic lift lever, enabling a quick, safe change from forward to reverse.



### FINGERTIP CONTROLS (OPTIONAL)

Fast, precise and instinctive fingertip controls make operating the forklift effortless and efficient.



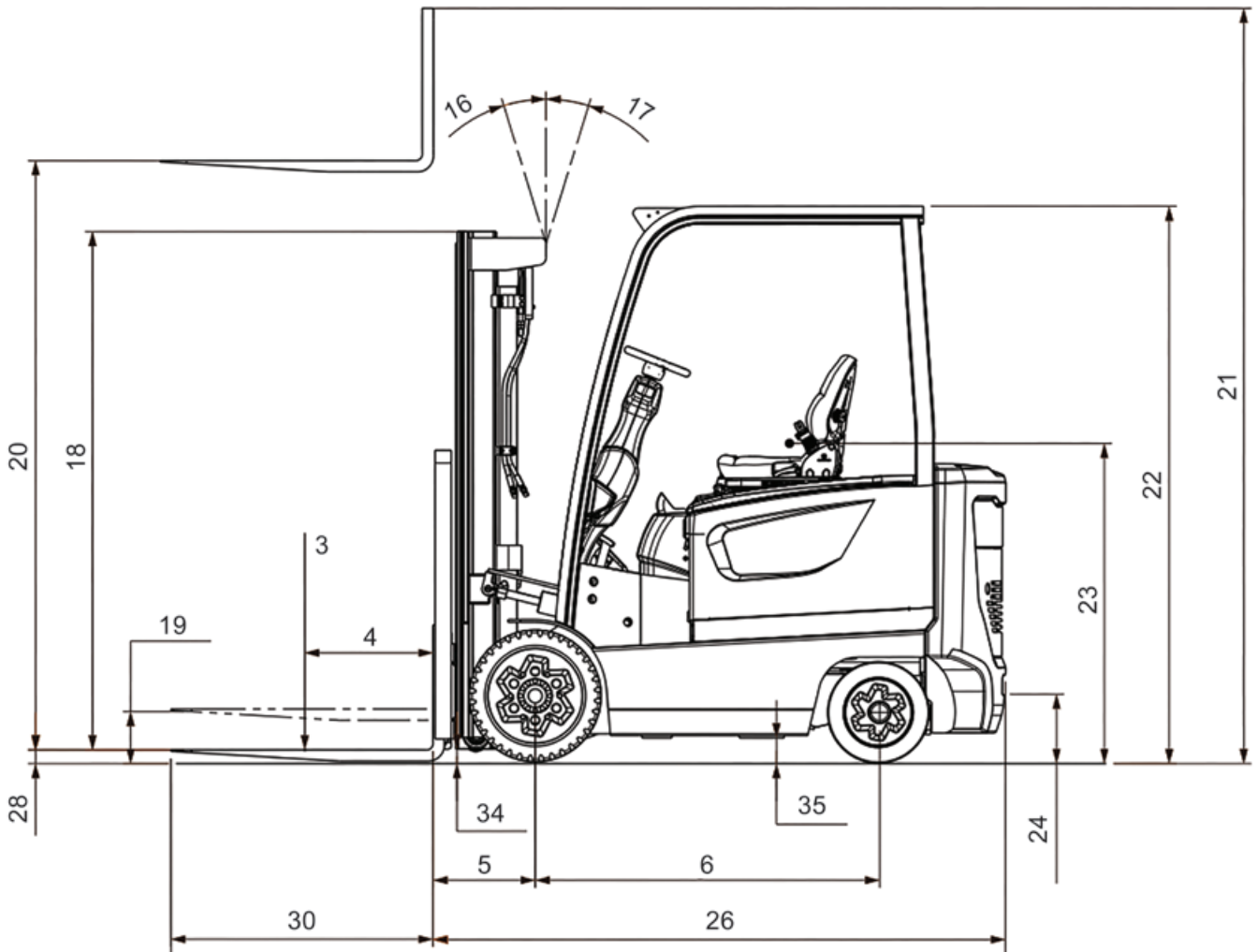
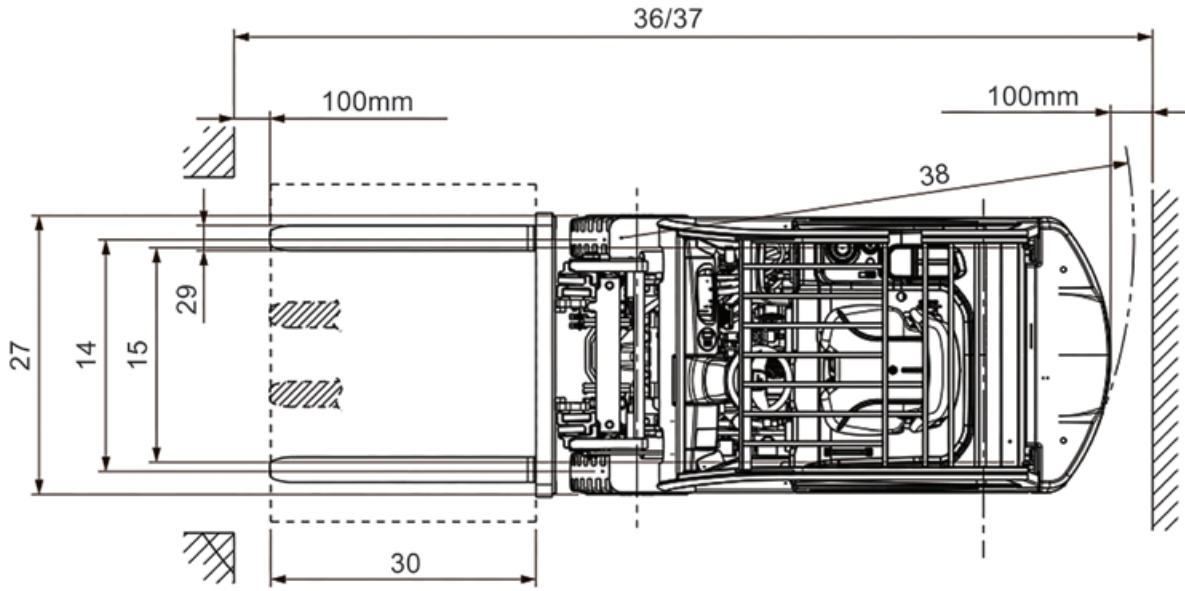
### STEERING WHEEL

The steering wheel has a compact design, reducing operator fatigue through less reaching.



# SPECIFICATIONS

STANDARD FEATURES AND OPTIONS	
<b>PRODUCTIVITY</b>	
All AC and CAN Bus System	Std
Reliable Curtis Controller	Std
Rounded Counterweight Design (Reduced Turning Radius)	Std
Power Select Indicator	Std
Electromagnetic Auto Parking Brake	Std
Hydraulic Cushioning in Lift Cylinder	Std
UL Classification Type "EE"	Std
Hang-On Side Shifter	Std
LED Lighting	Std
Wide-View FFT Mast	Opt
Battery Rollers	Opt
Cold Storage	Opt
Drive in Rack/Overhead Guard	Opt
Auto Tilt Leveling	Opt
Hydraulic Accumulator	Opt
Non-Marking Tires	Opt
<b>SAFETY</b>	
OSS (Operator Sensing System)	Std
Neutral Position Start	Std
Mast Lowering Interlock (ISO3691)	Std
Unlimited Ramp Hold	Std
Emergency Stop Switch	Std
Low Battery Warning Alarm	Std
Orange ELR Seat Belt	Std
Brake Oil and Seat Belt Warning Indicators	Std
Turtle Mode	Std
Backup Alarm	Std
Cornering Speed Control	Std
Thermal Protection	Std
Amber Strobe Safety Light	Std
Guardian Stability System (GSS)	Std
Blue Spot Safety LED Light	Opt
Fire Extinguisher	Opt
<b>ERGONOMICS</b>	
Entry Grip Bar and Anti-Slip Entry Step	Std
Cushioned Rubber Mat	Std
Rounded Battery Cover Design	Std
Easy to Read Display	Std
Adjustable Steering Column	Std
Easy Grip Small Steering Wheel	Std
Hydraulic Control Lever With Direction Switch	Std
Convenience Tray	Std
Rear Grab Bar With Horn	Std
Power Outlet (12V Cigar, 5V USB)	Std
Cloth Suspension Seat	Std
Fingertip Control	Opt
Premium Grammer Suspension Seat	Opt
Panoramic Mirror	Opt
Mono Pedal Control	Opt
Special Height Overhead Guards	Opt
Modular Cabin	Opt
<b>DURABILITY AND SERVICEABILITY</b>	
Robust Frame and Overhead Guard	Std
Easy-to-Access Controller and Motor Compartment	Std
Easy-Access Battery Cover	Std
Toolless Floor Plate and Side Cover	Std
Oil-Cooled Disc Brakes (OCDB)	Std
Durable Heat-Resisting Cables	Std
Easy Diagnostics	Std



# SPECIFICATIONS

MODEL		BC20S-7	BC25S-7	
CHARACTERISTICS	Drive	1	Electric	Electric
	Operator Type	2	Seated	Seated
	Load Capacity	3	4000 lb. (2000 kg)	5000 lb. (2500 kg)
	Load Center	4	24.0 in. (500 mm)	24.0 in. (500 mm)
	Load Distance (LMC)	5	15.9 in. (405 mm)	15.9 in. (405 mm)
	Wheelbase	6	50.4 in. (1280 mm)	50.4 in. (1280 mm)
WEIGHTS	Service Weight (w/ Min. Weight of Battery)	7	9193 lb. (4170 kg)	10,445 lb. (4739 kg)
	Axle Load: Loaded (Front/Rear)	8	12,310 lb. (5584 kg) / 1289 lb. (585 kg)	14,315 lb. (6493 kg) / 1645 lb. (746 kg)
	Axle Load: Unloaded (Front/Rear)	9	4405 lb. (1998 kg) / 4786 lb. (2171 kg)	4431 lb. (2010 kg) / 6014 lb. (2728 kg)
WHEELS AND TIRES	Tires	10	Cushion	Cushion
	Tire Size (Front)	11	21 x 7 x 15	21 x 7 x 15
	Tire Size (Rear)	12	16 x 6 x 10.5	16 x 6 x 10.5
	Wheels, Number Front/Rear (x=Drive)	13	x2/2	x2/2
	Tread Width (Front)	14	36.7 in. (932 mm)	36.7 in. (932 mm)
	Tread Width (Rear)	15	35.5 in. (902 mm)	35.5 in. (902 mm)
DIMENSIONS	Tilt of Mast (Forward/Backward)	16/17	6°/10°	6°/10°
	Mast Lowered Height	18	83.3 in. (2115 mm)	83.3 in. (2115 mm)
	Free Lift	19	6.0 in. (152 mm)	6.0 in. (152 mm)
	Lift (w/ Std 2-Stage Mast)	20	127.0 in. (3230 mm)	127.0 in. (3230 mm)
	Mast Extended Height	21	176.4 in. (4480 mm)	176.4 in. (4480 mm)
	Overhead Guard Height	22	87.0 in. (2210 mm)	87.0 in. (2210 mm)
	Seat Height/Stand Height	23	43.9 in. (1115 mm)	43.9 in. (1115 mm)
	Towing Coupling Height	24	11.8 in. (300 mm)	11.8 in. (300 mm)
	Overall Length	25	124.0 in. (3155 mm)	124.7 in. (3172 mm)
	Length to Forkface	26	82.9 in. (2105 mm)	83.6 in. (2122 mm)
	Overall Width	27	43.7 in. (1110 mm)	43.7 in. (1110 mm)
	Fork Dimensions (Thickness x Width x Length)	28/29/30	1.6 x 3.9 x 41.3 in. (40 x 100 x 1050 mm)	1.6 x 3.9 x 41.3 in. (40 x 100 x 1050 mm)
	Fork Carriage ISO 2328. Class/Type A, B	31	2A	2A
	Fork Carriage Width	32	38.3 in. (973 mm)	38.3 in. (973 mm)
	Fork Spacing (Min./Max.)	33	11.7 in. (297 mm) / 35.6 in. (905 mm)	11.7 in. (297 mm) / 35.6 in. (905 mm)
	Ground Clearance	34	3.1 in. (80 mm)	3.1 in. (80 mm)
	Ground Clearance, Center of Wheelbase	35	4.1 in. (103 mm)	4.1 in. (103 mm)
	Aisle Width for Pallets, 40" x 48" (1000 x 1200 mm) Crossways	36	136.4 in. (3465 mm)	136.5 in. (3468 mm)
Aisle Width for Pallets, 31" x 48" (800 x 1200 mm) Lengthways	37	144.3 in. (3665 mm)	144.4 in. (3668 mm)	
Turning Radius	38	73.2 in. (1860 mm)	73.3 in. (1863 mm)	
PERFORMANCE	Travel Speed (Loaded/Unloaded) (36V / 48V)	39	8.4 mph (13.5 km/hr.) / 9.6 mph (15.5 km/hr.) 11.2 mph (18.0 km/hr.) / 11.2 mph (18.0 km/hr.)	8.4 mph (13.5 km/hr.) / 9.6 mph (15.5 km/hr.) 11.2 mph (18.0 km/hr.) / 11.2 mph (18.0 km/hr.)
	Lifting Speed (Loaded/Unloaded) (36V / 48V)	40	67.0 fpm (340 mm/s) / 104.0 fpm (530 mm/s) 90.5 fpm (460 mm/s) / 126.0 fpm (640 mm/s)	57.0 fpm (290 mm/s) / 104.0 fpm (530 mm/s) 79.0 fpm (400 mm/s) / 126.0 fpm (640 mm/s)
	Lowering Speed (Loaded/Unloaded)	41	98.4 fpm (500 mm/s) / 91.0 fpm (460 mm/s)	98.4 fpm (500 mm/s) / 91.0 fpm (460 mm/s)
	Max. Drawbar Pull, 5-Minute Rating (36V / 48V)	42	2888 lbf. (12,846 N) / 3196 lbf. (14,216 N)	2888 lbf. (12,846 N) / 3196 lbf. (14,216 N)
	Max. Gradeability, 5-Minute Rating (36V / 48V)	43	22% / 24%	18% / 21%
	Service Brake	44	Hydraulic	Hydraulic
	Parking Brake	45	Auto-Electric	Auto-Electric
ELECTRICAL	Drive Motor Rating S2 60 Minute	46	21.0 hp (16.0 kW)	21.0 hp (16.0 kW)
	Lifting Motor Rating at S3 15%	47	24.0 hp (18.0 kW)	24.0 hp (18.0 kW)
	Battery Type	48	Lead-Acid	Lead-Acid
	Battery Compartment/Nominal (Length x Width x Height)	49	30.5 x 40.0 x 22.8 in. (776 x 1017 x 579 mm)	30.5 x 40.0 x 22.8 in. (776 x 1017 x 579 mm)
	Battery Voltage/Nominal (Max.) Capacity K5	50	36V / 1200 Ah or 48V / 685 Ah	36V / 1300 Ah or 48V / 750 Ah
	Battery Weight (Min./Max.)	51	2292 lb. (1040 kgf) / 3153 lb. (1430 kgf)	2800 lb. (1270 kgf) / 3153 lb. (1430 kgf)
OTHER	Type of Drive Control Unit	52	AC	AC
	Operating Pressure for Systems	53	2407 psi (16,600 kPa)	2799 psi (19,300 kPa)
	Operating Pressure for Attachments	54	2248 psi (15,500 kPa)	2248 psi (15,500 kPa)
	Sound Level at the Operator's Ear	55	69 dB (A)	69 dB (A)

<b>BC25SE-7</b>	<b>BC30S-7</b>	<b>BC32S-7</b>
Electric	Electric	Electric
Seated	Seated	Seated
5000 lb. (2500 kg)	6000 lb. (3000 kg)	6500 lb. (3200 kg)
24.0 in. (500 mm)	24.0 in. (500 mm)	24.0 in. (500 mm)
16.0 in. (406 mm)	16.0 in. (406 mm)	16.0 in. (406 mm)
54.3 in. (1380 mm)	54.3 in. (1380 mm)	54.3 in. (1380 mm)
10,209 lb. (4631 kg)	11,012 lb. (4995 kg)	11,545 lb. (5237 kg)
14,207 lb. (6444 kg) / 1517 lb. (688 kg)	15,823 lb. (7177 kg) / 1801 lb. (817 kg)	16,449 lb. (7461 kg) / 2151 lb. (976 kg)
4641 lb. (2105 kg) / 5569 lb. (2526 kg)	4345 lb. (1971 kg) / 6667 lb. (3024 kg)	4204 lb. (1907 kg) / 7431 lb. (3330 kg)
Cushion	Cushion	Cushion
21 x 7 x 15	21 x 8 x 15	21 x 8 x 15
16 x 6 x 10.5	16 x 6 x 10.5	16 x 6 x 10.5
x2/2	x2/2	x2/2
36.7 in. (932 mm)	35.7 in. (907 mm)	35.7 in. (907 mm)
35.5 in. (902 mm)	35.5 in. (902 mm)	35.5 in. (902 mm)
6°/10°	6°/10°	6°/10°
83.3 in. (2115 mm)	83.3 in. (2115 mm)	83.3 in. (2115 mm)
6.0 in. (152 mm)	6.0 in. (152 mm)	6.0 in. (152 mm)
127.0 in. (3230 mm)	127.0 in. (3230 mm)	127.0 in. (3230 mm)
176.4 in. (4480 mm)	176.4 in. (4480 mm)	176.4 in. (4480 mm)
87.0 in. (2210 mm)	87.0 in. (2210 mm)	87.0 in. (2210 mm)
43.9 in. (1115 mm)	43.9 in. (1115 mm)	43.9 in. (1115 mm)
11.8 in. (300 mm)	11.8 in. (300 mm)	11.8 in. (300 mm)
127.9 in. (3255 mm)	129.3 in. (3290 mm)	131.3 in. (3340 mm)
86.8 in. (2205 mm)	88.2 in. (2240 mm)	90.2 in. (2290 mm)
43.7 in. (1110 mm)	43.7 in. (1110 mm)	43.7 in. (1110 mm)
1.6 x 3.9 x 41.3 in. (40 x 100 x 1050 mm)	1.8 x 4.9 x 41.3 in. (45 x 125 x 1050 mm)	1.8 x 4.9 x 41.3 in. (45 x 125 x 1050 mm)
2A	3A	3A
38.3 in. (973 mm)	40.4 in. (1025 mm)	40.4 in. (1025 mm)
11.7 in. (297 mm) / 35.6 in. (905 mm)	11.1 in. (282 mm) / 37.6 in. (954 mm)	11.1 in. (282 mm) / 37.6 in. (954 mm)
3.1 in. (80 mm)	3.1 in. (80 mm)	3.1 in. (80 mm)
4.1 in. (103 mm)	4.1 in. (103 mm)	4.1 in. (103 mm)
140.0 in. (3557 mm)	140.8 in. (3578 mm)	142.5 in. (3621 mm)
147.9 in. (3757 mm)	148.7 in. (3778 mm)	150.4 in. (3821 mm)
76.8 in. (1951 mm)	77.6 in. (1972 mm)	79.3 in. (2015 mm)
8.4 mph (13.5 km/hr.) / 9.6 mph (15.5 km/hr.) 11.2 mph (18.0 km/hr.) / 11.2 mph (18.0 km/hr.)	8.4 mph (13.5 km/hr.) / 9.6 mph (15.5 km/hr.) 11.2 mph (18.0 km/hr.) / 11.2 mph (18.0 km/hr.)	8.4 mph (13.5 km/hr.) / 9.6 mph (15.5 km/hr.) 11.2 mph (18.0 km/hr.) / 11.2 mph (18.0 km/hr.)
57.0 fpm (290 mm/s) / 104.0 fpm (530 mm/s) 79.0 fpm (400 mm/s) / 126.0 fpm (640 mm/s)	53.0 fpm (270 mm/s) / 102.0 fpm (520 mm/s) 69.0 fpm (350 mm/s) / 124.0 fpm (630 mm/s)	53.0 fpm (270 mm/s) / 102.0 fpm (520 mm/s) 69.0 fpm (350 mm/s) / 124.0 fpm (630 mm/s)
98.4 fpm (500 mm/s) / 91.0 fpm (460 mm/s)	98.4 fpm (500 mm/s) / 91.0 fpm (460 mm/s)	98.4 fpm (500 mm/s) / 91.0 fpm (460 mm/s)
2888 lbf. (12,846 N) / 3196 lbf. (14,216 N)	2888 lbf. (12,846 N) / 3196 lbf. (14,216 N)	2888 lbf. (12,846 N) / 3196 lbf. (14,216 N)
18% / 21%	17% / 18%	16% / 18%
Hydraulic	Hydraulic	Hydraulic
Auto-Electric	Auto-Electric	Auto-Electric
21.0 hp (16.0 kW)	21.0 hp (16.0 kW)	21.0 hp (16.0 kW)
24.0 hp (18.0 kW)	24.0 hp (18.0 kW)	24.0 hp (18.0 kW)
Lead-Acid	Lead-Acid	Lead-Acid
34.4. x 40.0 x 22.8 in. (876 x 1017 x 579 mm)	34.4. x 40.0 x 22.8 in. (876 x 1017 x 579 mm)	34.4. x 40.0 x 22.8 in. (876 x 1017 x 579 mm)
36V / 1400 Ah or 48V / 825 Ah	36V / 1400 Ah or 48V / 825 Ah	36V / 1400 Ah or 48V / 1000 Ah
2800 lb. (1270 kgf) / 3572 lb. (1620 kgf)	2998 lb. (1360 kgf) / 3572 lb. (1620 kgf)	2998 lb. (1360 kgf) / 3572 lb. (1620 kgf)
AC	AC	AC
2799 psi (19,300 kPa)	3002 psi (21,100 kPa)	3002 psi (21,100 kPa)
2248 psi (15,500 kPa)	2248 psi (15,500 kPa)	2248 psi (15,500 kPa)
69 dB (A)	69 dB (A)	69 dB (A)



**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 ISO9001 as registered with BSI.



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