



PUSH THE BOUNDARIES IN NARROW SPACES.

THE BOBCAT BR20SP-7 PLUS ELECTRIC PANTOGRAPH REACH TRUCK

The advanced AC technology in the BR20SP-7 PLUS provides smooth movement, low energy consumption and fewer maintenance intervals compared to DC motors. Combine efficiency and performance with excellent operator comfort and abundant safety features for a rugged, powerful narrow-aisle specialist that is a must-have for busy warehouses.

Quiet, Powerful AC Motors

The AC drive, steer and pump motors deliver movement that's agile and efficient while requiring minimal maintenance. AC controls are fully adjustable and easy to diagnose.

Multi-Function Joystick Control

The comfortable joystick control gives the ability to control multiple machine functions with one hand. The ergonomic buttons are comfortable to use and easy to reach.

Advanced Digital Display

The electronic display provides operator access to several performance modes that boost productivity and enhance efficiency. Diagnostic information assists with troubleshooting and maintenance.

Height Indicator With Presets

Confidently maneuver forks to pick quickly and accurately. Supports multiple height presets.

Smooth Transition Mast Raising/Lowering

Fluid reach truck motion assists with seamless warehouse operations. Mast cylinders are cushioned to make load handling steady and safe. Angled supports enhance visibility.

Guardian Stability System (GSS)

Decreases travel speed up to 50% when the mast is raised above the primary stage.

- Sensors provide driving speed control
- Sensors provide speed control to slow truck speed while cornering
- An alarm is sounded if the mast is raised beyond the primary stage
- The auto-tilt function automatically takes carriage back to zero point upon startup
- An alarm sounds if mast is tilted more than 2°

Auto-Directional Alignment

At startup and after extended inactivity, the steering system is auto-aligned to the forward direction for added operator convenience.

SPECIFICATIONS	BR20SP-7 PLUS 16.4"	BR20SP-7 PLUS 20.9"
Capacity	4000 lb. (1800 kg)	4000 lb. (1800 kg)
Battery Compartment	16.4 in. (416 mm)	20.9 in. (530 mm)
Load Center	24.0 in. (600 mm)	24.0 in. (600 mm)
System Voltage	36V	36V
Operator Type	Rider Reach	Rider Reach
Tire Type - Load/Caster/Drive	Poly/Poly/Poly	Poly/Poly/Poly
Wheels, Load/Caster (x=Drive)	4/2 (1x)	4/2 (1x)
Total Weight (34" Leg, FFT 240", w/BLR, Fork)	7592 lb. (3444 kg)	8283 lb. (3757 kg)
Weight w/o Battery at 240" MFH Mast (34" Leg)	5692 lb. (2582 kg)	5783 lb. (2623 kg)
With Load, Front (With Min Batt at 240" Mast Reach)	6891 lb. (3126 kg)	7542 lb. (3421 kg)
With Load, Rear (With Min Batt at 240" Mast Reach)	4229 lb. (1918 kg)	4268 lb. (1936 kg)
Without Load, Front (With Min Batt at 240" Mast Reach)	2812 lb. (1275 kg)	3151 lb. (1429 kg)
Without Load, Rear (With Min Batt at 240" Mast Reach)	4781 lb. (2169 kg)	5132 lb. (2328 kg)
Guard Height (From Ground)	95 in. (2410 mm) (*91" at 198" Mast)	95 in. (2410 mm) (*91" at 198" Mast)
Wheelbase	60.0 in. (1525 mm)	64.5 in. (1640 mm)
Head Length (Length to Fork Face + Side Shift)	54.5 in. (1385 mm)	59.0 in. (1500 mm)
Truck Length	74.8 in. (1900 mm)	79.3 in. (2015 mm)
Outside Turning Radius	69.4 in. (1763 mm)	73.9 in. (1878 mm)
Operator Compartment (H x W x L)	81.3 x 17.9 x 17.7 in. (2065 x 454 x 450 mm)	81.3 x 17.9 x 17.7 in. (2065 x 454 x 450 mm)
Tilt Angle Forward/Backward	3°/4°	3°/4°
Fork Size (T x W x L)	1.7 x 4.0 x 42.0 in. (45 x 100 x 1050 mm)	1.7 x 4.0 x 42.0 in. (45 x 100 x 1050 mm)

*Add 2.0 in. for side shift equipped truck.

For more information on model details, go to [Bobcat.com](https://www.bobcat.com)

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.

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