



## Product Quotation

Quotation Number: BDH-00165

Date: 2020-08-21 11:08:48

### Description

#### E32 R-Series Bobcat Compact Excavator

24.8 HP Tier 4

Auto Idle

Auto-Shift, 2-Speed Travel

Auxiliary Hydraulics, Selectable Flow with Boom Mounted

Flush Face Quick Couplers

Canopy

Includes: Cup Holder, Retractable Seat Belt, Suspension Seat

Roll Over Protective Structure (ROPS)- Meets Requirements of ISO 12117-2: 2008

Tip Over Protective Structure (TOPS) - Meets Requirements of ISO 12117: 2000

Falling Object Protective Structure (FOPS) - Meets Requirements of ISO 10262

Control Console Locks

Control Pattern Selector Valve (ISO/STD)

Dozer Blade with Float

Engine/Hydraulic Monitor with Shutdown

### Part No

M3309

### Qty

1

### Price Ea.

\$31,395.60

### Total

\$31,395.60

Fingertip Auxiliary Hydraulic Control

Fingertip Boom Swing Control

Horn

Hydraulic Joystick Controls

Rubber Track

Spark Arrestor Exhaust System

Tier 4, Non DPF

Vandalism Protection

Work Lights

X-Change (Attachment Mounting System)

Conventional Tail Swing

Warranty: 2 years, or 2000 hours whichever occurs first

P10 Performance Package

M3309-P06-P10

1

\$0.00

\$0.00

Short Arm

C11 Comfort Package

M3309-P07-C11

1

\$210.80

\$210.80

Open Canopy

Vinyl Suspension Seat

Travel Motion Alarm

Telematics US

M3309-R51-C02

1

\$0.00

\$0.00

12" MX3 XCHG TEETH

7323833

1

\$694.64

\$694.64

Total of Items Quoted

**\$32,301.04**

Dealer Assembly Charges

**\$0.00**

Quote Total - US dollars

**\$32,301.04**

### Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

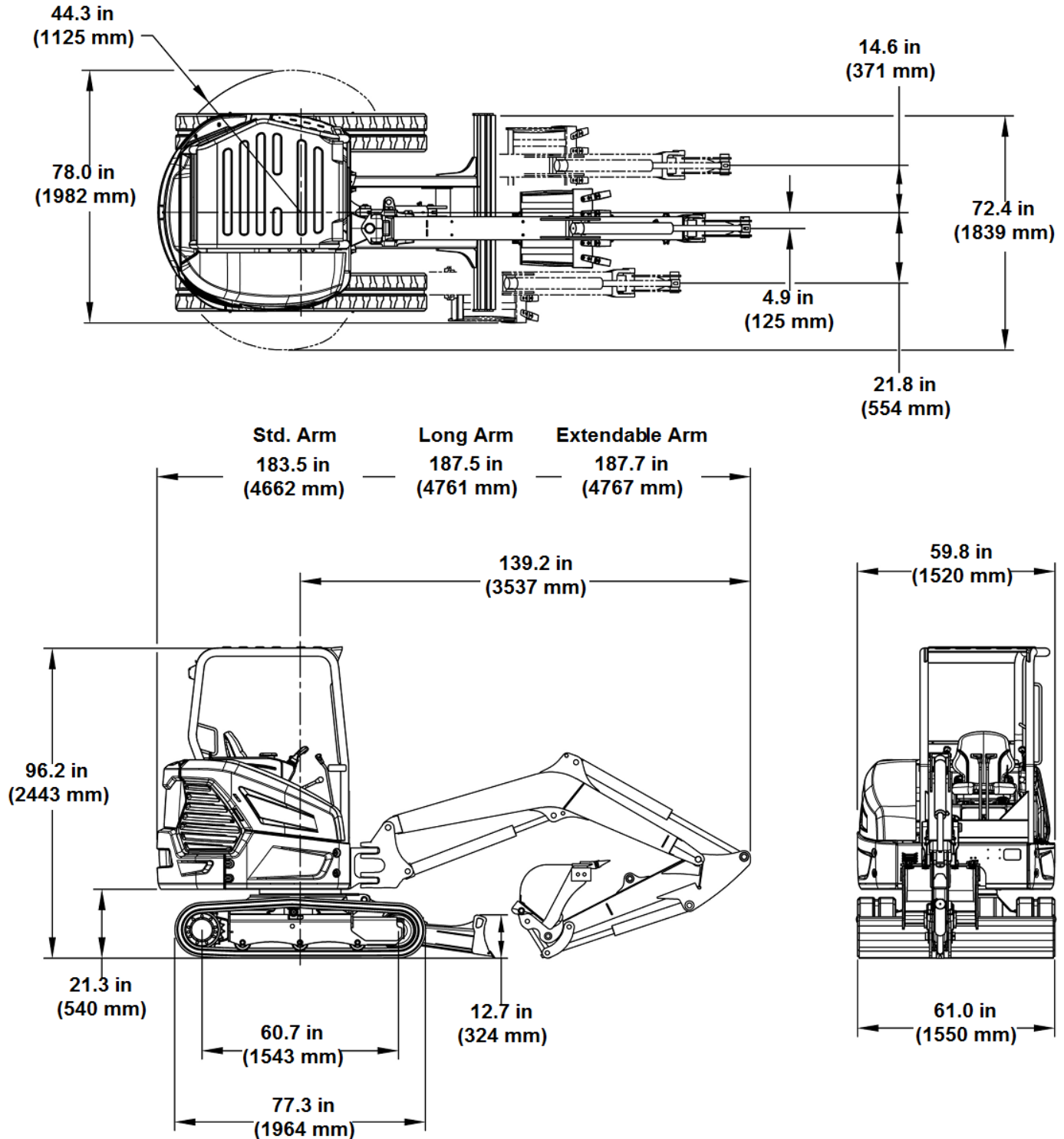
Purchase Order: \_\_\_\_\_

Authorized Signature:

Print: \_\_\_\_\_ Sign: \_\_\_\_\_ Date: \_\_\_\_\_

# E32 R-Series Bobcat Excavator Sales Specifications

## Machine Dimensions

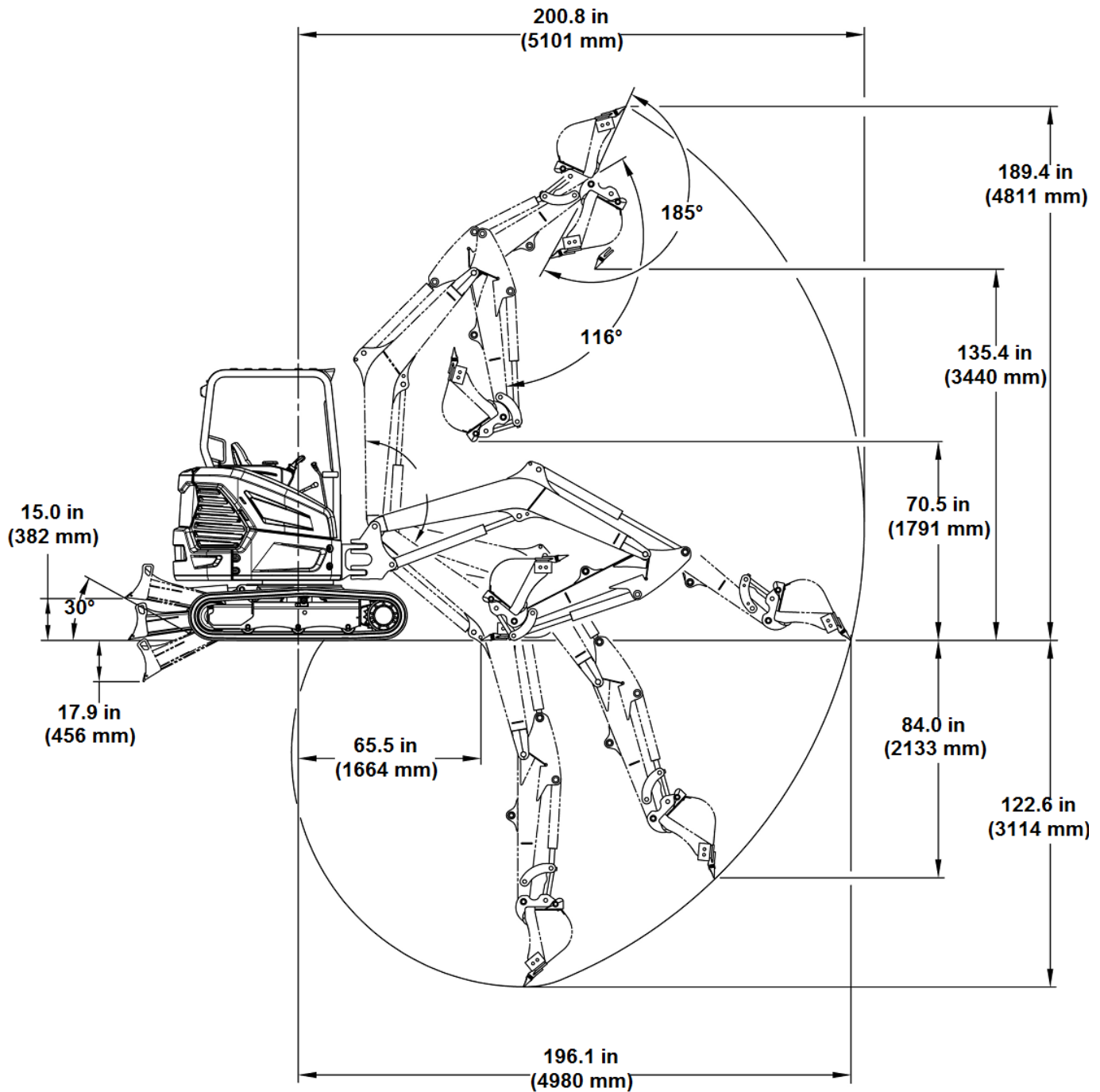


NA13593

- Where applicable, specification conform to SAE or ISO standards and are subject to change without notice.
- Specifications(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.

## E32R Bobcat Excavator Specifications (cont'd)

### **Standard Arm Machine Dimensions – (Arm Length = 52.2")**

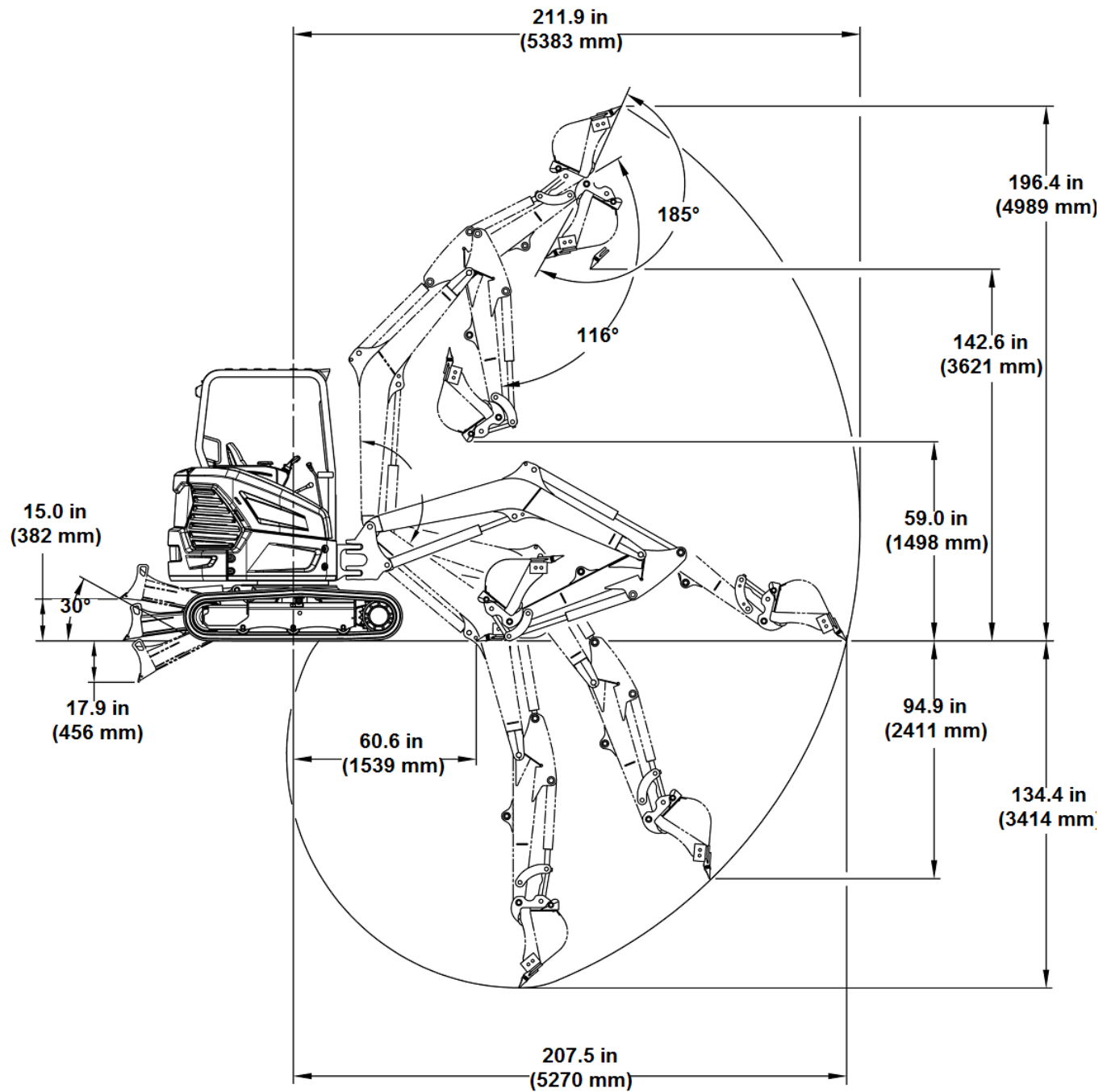


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Where applicable, specification conform to SAE or ISO standards and are subject to change without notice.

## E32R Bobcat Excavator Specifications (cont'd)

### Long Arm Machine Dimensions – (Arm length = 64.0")

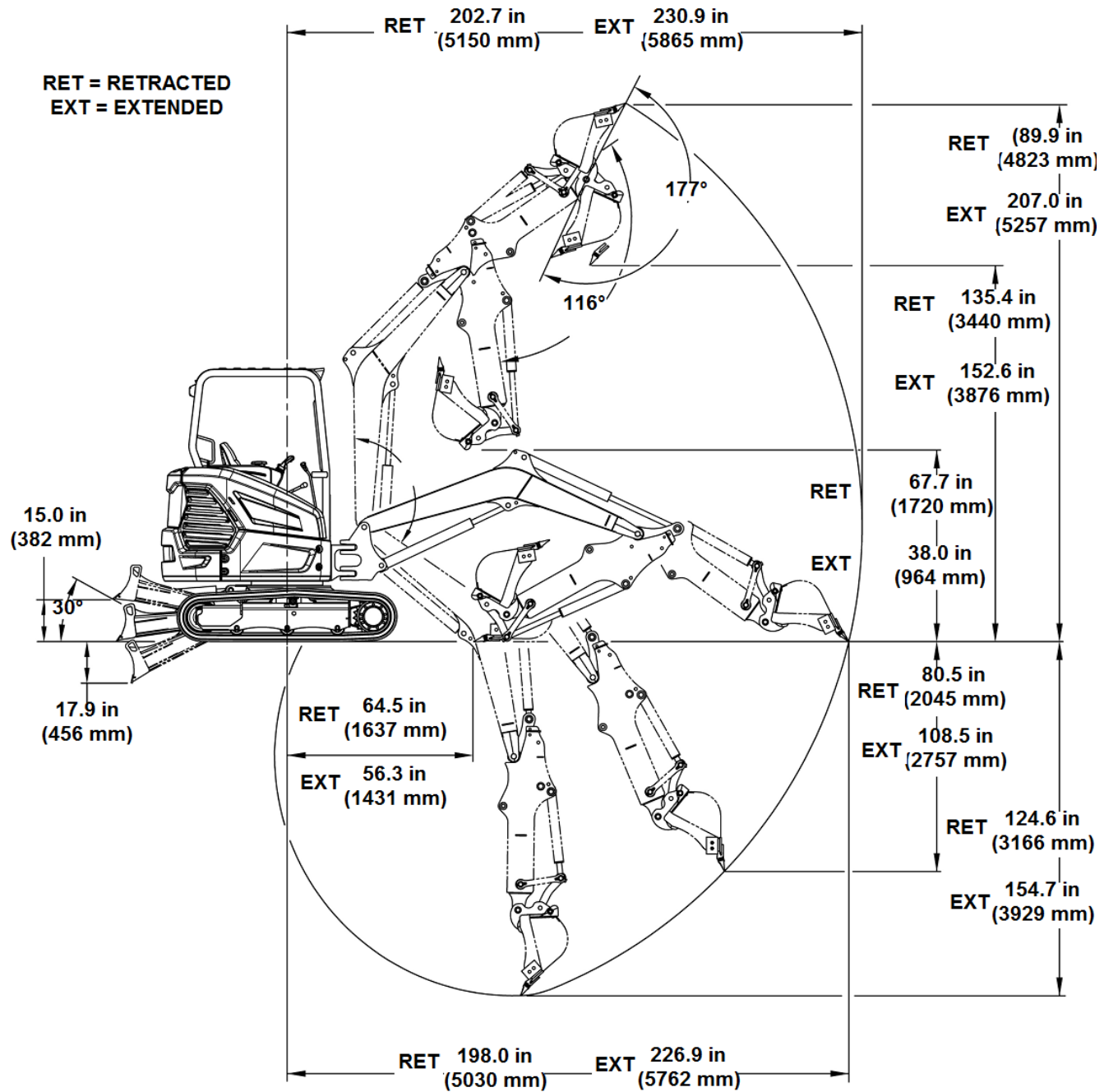


NA13594

Where applicable, specification conform to SAE or ISO standards and are subject to change without notice.

## E32R Bobcat Excavator Specifications (cont'd)

Extendable Arm Machine Dimensions – (Arm length = 54.1" ⇔ 84.3")



NA13595

Where applicable, specification conform to SAE or ISO standards and are subject to change without notice.

## E32R Bobcat Excavator Specifications (cont'd)

### Performance

E32 R-Series	
Operating Weight: Includes canopy w / rubber tracks, 24" (609 mm) trenching bucket, fluids full and 165 lb. (75 Kg) operator	7340 lb. (3329 kg)
If equipped with the following, add:	Cab w/HVAC, add 284 lb. (129 kg); Clamp, add 126 lb.(57 kg); Pro Clamp System, add 189 lb. (86 kg) Long Arm (with additional counterweight), add 863 lb. (391 kg); Extendable Arm, add 1094 lb. (496 kg) Steel tracks, add 212 lb. (96 kg); Additional Counterweight (applicable to standard arm only) 642 lb. (291 kg);
Travel Speed (Low / High)	4.7 mph / 2.9 mph km/h (2.6 km/h / 1.6
Bucket Breakout Force (per ISO 6015)	6968 lbf (30995 N)
Arm Breakout Force (per ISO 6015)	Standard Arm - 4859 lbf (20413 N) Long Arm - 3986 lbf (17734 N) Extendable Arm (Retracted)- 4478 lbf (19921 N) Extendable Arm (Extended)- 3254 lbf (14472 N)
Boom Swing (L / R)	75 degrees / 55 degrees
Tail Swing Overhang - Standard Arm - Long Arm/ Extendable Arm	13.8 in (351 mm) 17.3 in (439 mm)

### Controls

Steering	Two hand levers / foot pedals
Hydraulics	Two hand operated levers (joysticks) control boom, bucket, arm and slew
Blade	Hand lever
Two-Speed	Switch on blade lever
Boom Switch	Electric switch in left joystick
Auxiliary Hydraulics	Electric switch in right joystick
Auxiliary Pressure Release	Electric switch in right joystick
Engine Speed	Control dial with auto idle feature, rotary type start switch
Starting Aid	Glow Plugs - activated by key switch
Brakes Travel Service & Parking Swing Service Holding	Hydraulic lock in motor circuit  Hydraulic lock on motor Spring applied - hydraulic release

## E32R Bobcat Excavator Specifications (cont'd)

### Engine

Make / Model	Kubota D1703NA Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower @ 2200 rpm - SAE J1349 Net - SAE J1995 Gross	24.1 hp (17.9 kW) 24.8 (18.5 kW)
Torque @ 1400 rpm (SAE Gross)	71,8 ft-lb (97.4 N•m) @ 1500 rpm
Number of Cylinders	3
Displacement	100.2 in <sup>3</sup> (1,642 L)
Bore / Stroke	3.43 x 3.64 in (87 x 92,4 mm)
Lubrication	Pressure System with Filter
Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper dual cartridge
Ignition	Diesel-Compression
Low Idle Speed	1300 rpm +/- 25 rpm
High Idle Speed	2430 - 2470 rpm
Engine Coolant	Propylene Glycol / water mixture (53% PG / 47% water)

### Capacities

Fuel Tank	13.7 U.S. gal (52,0 L)
Hydraulic Reservoir (center of sight glass)	2.2 U.S. gal (Tank Cap. 8,3 L)
Hydraulic System (with reservoir)	10.5 U.S. gal (39,7 L)
Cooling system	2.1 U.S. gal (8.0 L)
Engine Oil and Filter	5.5 qt (5,2 L)
Final Drive (each)	0.55 qt (0,5 L)

### Slew System

Slew Motor	Axle piston connected to a planetary drive
Slew Circle	Single row shear type ball bearing with internal gear
Slew Speed	8.6 rpm

## E32R Bobcat Excavator Specifications (cont'd)

### Hydraulic System

Pump Type	Engine driven, single outlet, variable displacement, load sensing, torque limited, piston pump with gear pump.
Pump Capacity - Piston pump - Gear pump – Pilot system	24.4 U.S. gpm (92,4 L/min) 2.3 U.S. gpm (8,8 L/min)
Auxiliary Flow, Maximum (AUX3) Medium (AUX2) Low (AUX1)	16.9 U.S. gpm (63,9 L/min) 65% - 75% of maximum flow 25% - 35% of maximum flow
Auxiliary Flow - 2nd Aux - Female coupler - Male Coupler	5.4 U.S. gpm (20,3 L/min) 4.0 U.S. gpm (15,0 L/min)
Hydraulic Filter	Full flow replaceable, 3-micron synthetic media element
Control Valve	9 spool closed center individually compensated
Fluid Type	Bobcat Fluid, Hydraulic / Hydrostatic
System Relief Pressure Slew Circuit Boom, Boom Swing Bucket, Arm Blade Joystick Control Pressure	3495 psi (24100 kPa) (241 bar) 3550 psi (24500 kPa) (245 bar) 3550 psi (24500 kPa) (245 bar) 3550 psi (24500 kPa) (245 bar) 428 psi (3000 kPa) (30 bar)
Auxiliary Hydraulic Relief (port relief)	2987 psi (20600 kPa) (206 bar)
Arm Port Relief, Base End & Rod End	3916 psi (27000 kPa) (270 bar)
Boom Port Relief, Base End & Rod End	4206 psi (29000 kPa) (290 bar)
Bucket Port Relief Base End & Rod End	3916 psi (27000 kPa) (270 bar)
Blade Port Relief Base End	3916 psi (27000 kPa) (270 bar)
Main Hydraulic Filter Bypass	50 psi (350 kPa) (3,5 bar)
Case Drain	20 psi (140 kPa) (1,4 bar)

### Hydraulic Cylinders

Cylinder	Bore	Rod	Stroke
Boom (cushion up)	3.00 in (76,2 mm)	1.75 in (44,5 mm)	26.38 in (670 mm)
Arm (cushion retract / extend)	3.00 in (76,2 mm)	1.75 in (44,5 mm)	23.90 in (607 mm)
Bucket	2.75 in (69,9 mm)	1.75 in (44,5 mm)	18.36 in (466,3 mm)
Boom Swing	3.25 in (82,6 mm)	1.75 in (44,5 mm)	18.11 in (459,9 mm)
Blade	3.50 in (88,9 mm)	1.75 in (44,5 mm)	7.25 in (184 mm)
Extendable Arm (If Equipped) (cushion retract)	2.20 in (57,2 mm)	1.50 in (38,1 mm)	30.14 in (765,6 mm)



## E32R Bobcat Excavator Specifications (cont'd)

### Undercarriage

Overall Width of Crawler	61.0 in (1550 mm)	
Final Drive	Each track is driven by hydrostatic axial piston motor	
Type of Reduction	48.6:1 two stage planetary	
Max Drawbar Pull (@ 90% efficiency)	7680 lbf (34132 N)	
Crawler Track Design	Sealed track rollers with boxed section track roller frame, grease type track adjuster with shock absorbing recoil spring	
Track Type / Width	Rubber (standard) – 11.8 in (300 mm)	Steel (optional) – 11.8 in (300 mm)
Number of Shoes (per side)	Single Assembly	41
Number of Track Rollers (per side)	3	3
Ground Pressure Rubber Tracks - Standard Arm - Long Arm - Extendable Arm	4.67 psi (32,2 kPa) (0,322 bar) 5.22 psi (36,0 kPa) (0,360 bar) 5.37 psi (37,0 kPa) (0,370 bar)	
Steel Tracks - Standard Arm - Long Arm - Extendable Arm	4.80 psi (33,1 kPa) (0,331 bar) 5.35 psi (36,9 kPa) (0,369 bar) 5.50 psi (37,9 kPa) (0,379 bar)	

### Electrical

Starting Aid	Glow Plugs
Alternator	12 volt, 90 Amp open frame w / internal regulator
Battery	12 volt - 530 CCA @ 0°F (-18°C)
Starter	12 volt; gear reduction 2.7 hp (2.0 kW)
Lights	37.5 watt (2)
Instrumentation	<p>Gauges: Engine Coolant Temperature, Fuel Level.</p> <p>Warning lights: Fuel Level, Seat Belt, Engine Coolant Temperature, Engine Malfunction, Hydraulic System Malfunction, General Warning.</p> <p>Indicators: Two-Speed, Engine Preheat.</p> <p>Data Display: Operating Hours, Engine rpm, Maintenance Clock Countdown, Battery Voltage, Service Codes, Engine Preheat.</p> <p>Other: Audible Alarm, Lights.</p> <p>Optional Deluxe Instrumentation Panel: *Additional displays for: Engine rpm, Coolant Temperature and Oil Pressure; System Voltage and Hydraulic Oil Temperature. *Additional Features Included: Keyless Start, Digital Clock, Job Clock, Multi-language Display, Help Screens, Diagnostic Capability, Fuel Consumption and Engine / Hydraulic Systems Shutdown Function.</p>

E32R Bobcat Excavator Specifications (cont'd)

E32R Standard Arm, Standard Counterweight  
Machine with canopy and rubber tracks, without bucket.

**E32**

**①**

**②**

**A**

**B**

**2000 mm (78.7 in)**  
**3000 mm (118.1 in)**  
**4000 mm (157.5 in)**

**kg (lb) @  
max. B**

**B**

**2000 mm (78.7 in)**  
**3000 mm (118.1 in)**  
**4000 mm (157.5 in)**

**kg (lb) @  
max. B**

**B**

**2000 mm (78.7 in)**  
**3000 mm (118.1 in)**  
**4000 mm (157.5 in)**

**kg (lb) @  
max. B**

**4000 mm (157.5 in)**

**3000 mm (118.1 in)**

**2000 mm (78.7 in)**

**1000 mm (39.4 in)**

**Ground**

**-1000 mm (-39.4 in)**

**\*658 kg (1450 lb)**

**\*827 kg (1824 lb)**

**\*1096 kg (2417 lb)**

**\*2287 kg (5042 lb)**

**\*2077 kg (4578 lb)**

**\*719 kg (1584 lb) @  
3755 mm (148 in)**

**\*808 kg (1782 lb) @  
4203 mm (165 in)**

**\*783 kg (1726 lb) @  
4336 mm (171 in)**

**\*835 kg (1841 lb) @  
4189 mm (165 in)**

**\*896 kg (1979 lb) @  
3722 mm (147 in)**

**\*658 kg (1450 lb)**

**\*827 kg (1824 lb)**

**719 kg (1584 lb)**

**692 kg (1526 lb)**

**691 kg (1523 lb)**

**548 kg (1209 lb) @  
3755 mm (148 in)**

**453 kg (999 lb) @  
4203 mm (165 in)**

**425 kg (936 lb) @  
4336 mm (171 in)**

**440 kg (969 lb) @  
4189 mm (165 in)**

**518 kg (1141 lb) @  
3722 mm (147 in)**

**\*658 kg (1450 lb)**

**689 kg (1520 lb)**

**649 kg (1430 lb)**

**624 kg (1376 lb)**

**623 kg (1372 lb)**

**500 kg (1103 lb) @  
3755 mm (148 in)**

**413 kg (911 lb) @  
4203 mm (165 in)**

**387 kg (853 lb) @  
4336 mm (171 in)**

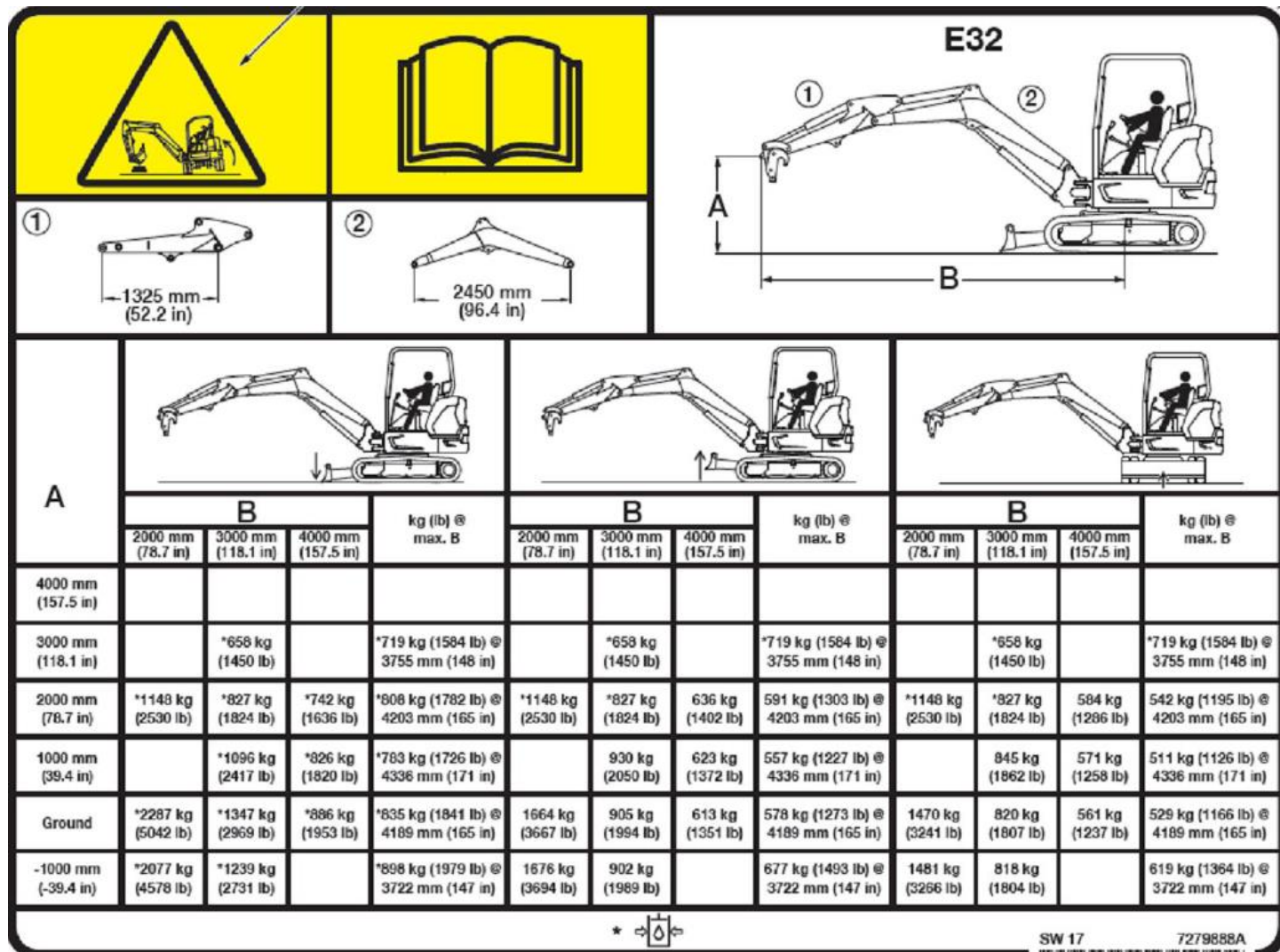
**400 kg (881 lb) @  
4189 mm (165 in)**

**470 kg (1035 lb) @  
3722 mm (147 in)**

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E32R Standard Arm, Heavy Counterweight  
Machine with canopy and rubber tracks, without bucket.



## E32R Bobcat Excavator Specifications (cont'd)

E32R Long Arm with Heavy Counterweight

Machine with canopy and rubber tracks, without bucket.

E32

①

②

A

B

B

B

	B			kg (lb) @ max. B	B			kg (lb) @ max. B	B			kg (lb) @ max. B
	2000 mm (78.7 in)	3000 mm (118.1 in)	4000 mm (157.5 in)		2000 mm (78.7 in)	3000 mm (118.1 in)	4000 mm (157.5 in)		2000 mm (78.7 in)	3000 mm (118.1 in)	4000 mm (157.5 in)	
4000 mm (157.5 in)				*637 kg (1404 lb) @ 3255 mm (128 in)				*637 kg (1404 lb) @ 3255 mm (128 in)				*637 kg (1404 lb) @ 3255 mm (128 in)
3000 mm (118.1 in)				*632 kg (1394 lb)				*632 kg (1394 lb)				*632 kg (1394 lb)
2000 mm (78.7 in)				*645 kg (1421 lb) @ 4086 mm (161 in)				*645 kg (1421 lb) @ 4086 mm (161 in)				*645 kg (1421 lb) @ 4086 mm (161 in)
1000 mm (39.4 in)				*632 kg (1394 lb)				*632 kg (1394 lb)				*632 kg (1394 lb)
Ground				*667 kg (1471 lb)				*667 kg (1471 lb)				*667 kg (1471 lb)
-1000 mm (-39.4 in)				*673 kg (1483 lb) @ 4496 mm (177 in)				*673 kg (1483 lb) @ 4496 mm (177 in)				*673 kg (1483 lb) @ 4496 mm (177 in)
				*714 kg (1575 lb)				*714 kg (1575 lb)				*714 kg (1575 lb)
				*667 kg (1471 lb)				*667 kg (1471 lb)				*667 kg (1471 lb)
				*711 kg (1567 lb) @ 4618 mm (182 in)				*711 kg (1567 lb) @ 4618 mm (182 in)				*711 kg (1567 lb) @ 4618 mm (182 in)
				*1005 kg (2215 lb)				*1005 kg (2215 lb)				*1005 kg (2215 lb)
				*773 kg (1703 lb)				*773 kg (1703 lb)				*773 kg (1703 lb)
				*843 kg (1859 lb)				*843 kg (1859 lb)				*843 kg (1859 lb)
				*821 kg (1811 lb) @ 4056 mm (160 in)				*821 kg (1811 lb) @ 4056 mm (160 in)				*821 kg (1811 lb) @ 4056 mm (160 in)
				*1226 kg (2702 lb)				*1226 kg (2702 lb)				*1226 kg (2702 lb)
				*2274 kg (5014 lb)				*2274 kg (5014 lb)				*2274 kg (5014 lb)
				*1263 kg (2785 lb)				*1263 kg (2785 lb)				*1263 kg (2785 lb)
				*2186 kg (4820 lb)				*2186 kg (4820 lb)				*2186 kg (4820 lb)

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SW 17

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## E32R Bobcat Excavator Specifications (cont'd)

E32R Extendable Arm with Heavy Counterweight

Machine with canopy and rubber tracks, without bucket.

**E32**

1375 mm (54.1 in)  
2140 mm (84.3 in)

2450 mm (96.4 in)

**A**

**B**

**B**

**B**

	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B	kg (lb) @ max. B	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B	kg (lb) @ max. B	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B	kg (lb) @ max. B
4000 mm (157.5 in)				*475 kg (1047 lb) @ 3943 mm (155 in)				*475 kg (1047 lb) @ 3943 mm (155 in)				*475 kg (1047 lb) @ 3943 mm (155 in)
3000 mm (118.1 in)			*637 kg (1404 lb) @ 3810 mm (150 in)	*492 kg (1086 lb) @ 4631 mm (182 in)			*637 kg (1404 lb) @ 3810 mm (150 in)	*492 kg (1086 lb) @ 4631 mm (182 in)			*637 kg (1404 lb) @ 3810 mm (150 in)	*492 kg (1086 lb) @ 4631 mm (182 in)
2000 mm (78.7 in)	*750 kg (1653 lb)	*657 kg (1448 lb)	*659 kg (1452 lb) @ 4251 mm (167 in)	*519 kg (1145 lb) @ 4999 mm (196 in)	*750 kg (1653 lb)	*657 kg (1448 lb)	520 kg (1146 lb) @ 4251 mm (167 in)	412 kg (908 lb) @ 4689 mm (186 in)	*750 kg (1653 lb)	522 kg (1151 lb)	472 kg (1040 lb) @ 4251 mm (167 in)	374 kg (825 lb) @ 4999 mm (196 in)
1000 mm (39.4 in)	*991 kg (2185 lb)	*740 kg (1630 lb)	*696 kg (1534 lb) @ 4382 mm (173 in)	*553 kg (1220 lb) @ 5096 mm (201 in)	852 kg (1878 lb)	556 kg (1225 lb)	484 kg (1066 lb) @ 4382 mm (173 in)	389 kg (858 lb) @ 5096 mm (201 in)	767 kg (1690 lb)	503 kg (1109 lb)	439 kg (967 lb) @ 4382 mm (173 in)	353 kg (779 lb) @ 5096 mm (201 in)
Ground	*1163 kg (2564 lb)	*802 kg (1768 lb)	*745 kg (1642 lb) @ 4237 mm (167 in)	*597 kg (1316 lb) @ 4976 mm (196 in)	818 kg (1802 lb)	542 kg (1195 lb)	501 kg (1105 lb) @ 4237 mm (167 in)	397 kg (875 lb) @ 4976 mm (196 in)	734 kg (1617 lb)	491 kg (1081 lb)	454 kg (1000 lb) @ 4237 mm (167 in)	359 kg (792 lb) @ 4976 mm (196 in)
-1000 mm (-39.4 in)	*1147 kg (2528 lb)		*804 kg (1772 lb) @ 3777 mm (149 in)	*850 kg (1833 lb) @ 4806 mm (181 in)	816 kg (1799 lb)		593 kg (1308 lb) @ 3777 mm (149 in)	443 kg (976 lb) @ 4606 mm (181 in)	732 kg (1614 lb)		536 kg (1181 lb) @ 3777 mm (149 in)	400 kg (881 lb) @ 4606 mm (181 in)

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# WARRANTY

## Bobcat Excavators

Bobcat Company warrants to its authorized dealers and authorized dealers of Bobcat Equipment Ltd., who in turn warrant to the owner, that each new Bobcat excavator with a delivery date on or after January 1, 2019 will be free from proven defects in material and workmanship with respect to (i) all components of the product except as otherwise specified herein for twenty-four (24) months, or a total of 2000 hours of use, whichever occurs first, (ii) tracks for twelve (12) months on a prorated basis based on the remaining depth of the track at the time any defect is discovered, (iii) Bobcat brand batteries, for an initial twelve (12) month warranty period and for an additional twelve (12) months thereafter, Bobcat Company shall reimburse a fixed portion of the cost of replacing the battery as designated by Bobcat in the event of a proven defect and (iv) auxiliary hydraulic quick couplers for six (6) months or 200 hours of use, whichever occurs first. The foregoing time periods shall all commence after delivery by the authorized Bobcat dealer to the original buyer.

During the warranty period, the authorized Bobcat dealer shall repair or replace, at Bobcat Company's option, without charge for parts and labor, any part of the Bobcat product except as otherwise specified herein which fails because of defects in material or workmanship. The owner shall provide the authorized Bobcat dealer with prompt written notice of the defect and allow reasonable time for repair or replacement. Bobcat Company may, at its option, require failed parts to be returned to the factory. Travel time of mechanics and transportation of the Bobcat product to the authorized Bobcat dealer for warranty work are the responsibility of the owner. The remedies provided in this warranty are exclusive.

This warranty does not cover replacement of scheduled service items such as oil, filters, tune-up parts, and other high-wear items. This warranty does not cover damages resulting from abuse, accidents, alterations, use of the Bobcat product with any accessory or attachment not approved by Bobcat Company, air flow obstructions, or failure to maintain or use the Bobcat product according to the instructions applicable to it.

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**Bobcat**®