

Specification Number	Code	Description	Price - All Zones
	88 E26	Credit - Downgrade into the Bobcat® E26 Mini Excavator	4985.2
	88 E20	Credit - Downgrade into the Bobcat® E20 Mini Excavator	10195.92
	88 E10	Credit - Downgrade into the Bobcat® E10 Mini Excavator	15790
	88 E35 25HP	Upgrade to the Bobcat® E35 25HP Mini Excavator	1279.08
	88 E35 33HP	Upgrade to the Bobcat® E35 33HP Mini Excavator	5777.28
	88 E42 R2	Upgrade to the Bobcat® E42 Mini Excavator	6957.8
	88 E50 R2	Upgrade to the Bobcat® E50 Mini Excavator	16552.56
	88 Options	32% off MSRP for all Factory Installed Options	0.32
	88 Attachments	24% off MSRP for all Attachments	0.24



Product Quotation

Quotation Number: BDH-00169

Date: 2020-08-21 11:05:37

Description

E26 R-Series Bobcat Compact Excavator

"24.8 HP Tier 4

Arm - Long

Auto-Idle

Auxiliary Hydraulics, Boom Mounted Flush Face Quick Couplers

Boom Swing

Canopy

Includes: Cup Holder, Retractable Seat Belt

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)

Part No

M5555

Qty

1

Price Ea.

\$26,433.64

Total

\$26,433.64

Minimal Tail Swing

Dozer Blade with Float

Engine/Hydraulic Monitor with Shutdown

Fingertip Auxiliary Hydraulic Control

Fingertip Boom Swing Control

Horn

Hydraulic Joystick Controls

Rubber Track

Spark Arrestor Muffler

Telematics - Machine IQ

Two-Speed Travel, with Auto-Shift

Vandalism Protection

Work Lights

X-Change (Attachment Mounting System)

Warranty: 2 years, or 2000 hours whichever occurs first"

P50 Performance Package

M5555-P06-P50

1

\$0.00

\$0.00

Long Arm

C11 Comfort Package

M5555-P07-C11

1

\$363.12

\$363.12

Open Canopy

Vinyl Suspension Seat

Motion Alarm

12" MX2 XCHG TEETH

7333230

1

\$519.08

\$519.08

Total of Items Quoted

\$27,315.84

Dealer Assembly Charges

\$0.00

Quote Total - US dollars

\$27,315.84

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:** _____



Product Quotation

Quotation Number: BDH-00170

Date: 2020-08-21 11:03:15

Description

E20 T4 ZTS Compact Excavator

13.9 HP

Auxiliary Hydraulics, Boom Mounted Flush Face Quick Couplers

Boom Swing

Canopy

Includes: Cup Holder, Retractable Seat Belt

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 Guard Structure (FOGS) - Meets Requirements of ISO 10262

Control Console Locks

Control Pattern Selector Valve (ISO/STD)

Zero Tail Swing

Part No

M5519

Qty

1

Price Ea.

\$21,733.48

Total

\$21,733.48

Dozer Blade with Blade Extensions

Horn

Hydraulic Joystick Controls

Rubber Track

Spark Arrestor Muffler

Two-Speed Travel

Vandalism Protection

Work Light

Warranty: 2 years, or 2000 hours whichever occurs first

Basic Control Package

M5519-A02-C00

1

\$0.00

\$0.00

12" Trenching Bucket, Pin-On, 3 Bolt-On Teeth

6715496

1

\$371.64

\$371.64

Total of Items Quoted

\$22,105.12

Dealer Assembly Charges

\$0.00

Quote Total - US dollars

\$22,105.12

Notes:

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Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____ Date: _____



Product Quotation

Quotation Number: BDH-00171

Date: 2020-08-21 11:00:52

Description

E10 T4 Bobcat Compact Excavator

Adjustable Hydraulic Joystick Controls

Auxiliary Hydraulics

W/Boom Mounted Flush Face Quick Couplers

Operator Guard - Fold Down

Includes: Retractable Seat Belt, Power Port

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

Control Console Locks

Control Pattern Selector Valve (ISO/STD)

Dozer Blade with Extensions

Part No

M5545

Qty

1

Price Ea.

\$16,207.80

Total

\$16,207.80

Horn

Hydraulically Retractable Undercarriage

Rubber Tracks

Spark Arrestor Muffler

Two-Speed Travel

Work Light

Zero Tail Swing

Warranty: 2 years, or 2000 hours whichever occurs first

8" Trenching Bucket

7157626

1

\$303.24

\$303.24

Total of Items Quoted

\$16,511.04

Dealer Assembly Charges

\$0.00

Quote Total - US dollars

\$16,511.04

Notes:

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Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____ Date: _____



Product Quotation

Quotation Number: BDH-00168

Date: 2020-08-21 11:13:50

Description	Part No	Qty	Price Ea.	Total
E35 25HP R-Series Bobcat Compact Excavator	M3311	1	\$32,674.68	\$32,674.68
24.8 HP Tier 4	Engine/Hydraulic Monitor with Shutdown			
Auto Idle	Fingertip Auxiliary Hydraulic Control			
Auto-Shift, 2-Speed Travel	Fingertip Boom Swing Control			
Auxiliary Hydraulics, Selectable Flow with Boom Mounted	Horn			
Flush Face Quick Couplers	Hydraulic Joystick Controls			
Canopy	Rubber Track			
Includes: Cup Holder, Retractable Seat Belt, Suspension Seat	Spark Arrestor Exhaust System			
Roll Over Protective Structure (ROPS)- Meets Requirements of ISO 12117-2: 2008	Tier 4, Non DPF			
Tip Over Protective Structure (TOPS) - Meets Requirements of ISO 12117: 2000	Vandalism Protection			
Falling Object Protective Structure (FOPS) - Meets Requirements of ISO 10262	Work Lights			
Control Console Locks	X-Change (Attachment Mounting System)			
Control Pattern Selector Valve (ISO/STD)	Zero Tail Swing			
Dozer Blade with Float	Warranty: 2 years, or 2000 hours whichever occurs first			
 P10 Performance Package	 M3311-P06-P10	 1	 \$0.00	 \$0.00
Short Arm				
 C11 Comfort Package	 M3311-P07-C11	 1	 \$210.80	 \$210.80
Open Canopy	Vinyl Suspension Seat			
Travel Motion Alarm				
 Telematics US	 M3311-R51-C02	 1	 \$0.00	 \$0.00
12" MX3 XCHG TEETH	7323833	1	\$694.64	\$694.64
 Total of Items Quoted				\$33,580.12
Dealer Assembly Charges				\$0.00
Quote Total - US dollars				\$33,580.12

Notes:

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Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____ Date: _____



Product Quotation

Quotation Number: BDH-00167

Date: 2020-08-21 11:24:47

Description	Part No	Qty	Price Ea.	Total
E35 33HP R-Series Bobcat Compact Excavator	M3307	1	\$37,172.88	\$37,172.88
33.5 HP Turbocharged, Tier 4, Non DPF	Engine/Hydraulic Monitor with Shutdown			
Auto Idle	Fingertip Auxiliary Hydraulic Control			
Auto-Shift, 2-Speed Travel	Fingertip Boom Swing Control			
Auxiliary Hydraulics, Selectable Flow with Boom Mounted	Horn			
Flush Face Quick Couplers	Hydraulic Joystick Controls			
Canopy	Rubber Track			
Includes: Cup Holder, Retractable Seat Belt, Suspension Seat	Spark Arrestor Exhaust System			
Roll Over Protective Structure (ROPS)- Meets Requirements of ISO 12117-2: 2008	Vandalism Protection			
Tip Over Protective Structure (TOPS) - Meets Requirements of ISO 12117: 2000	Work Lights			
Falling Object Protective Structure (FOPS) - Meets Requirements of ISO 10262	X-Change (Attachment Mounting System)			
Control Console Locks	Zero Tail Swing			
Control Pattern Selector Valve (ISO/STD)	Warranty: 2 years, or 2000 hours whichever occurs first			
Dozer Blade with Float				
 P10 Performance Package	M3307-P06-P10	1	\$0.00	\$0.00
Short Arm				
 C11 Comfort Package	M3307-P07-C11	1	\$210.80	\$210.80
Open Canopy	Vinyl Suspension Seat			
Travel Motion Alarm				
 Telematics US	M3307-R51-C02	1	\$0.00	\$0.00
12" MX3 XCHG TEETH	7323833	1	\$694.64	\$694.64
 Total of Items Quoted				\$38,078.32
Dealer Assembly Charges				\$0.00
Quote Total - US dollars				\$38,078.32

Notes:

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Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____ Date: _____



Product Quotation

Quotation Number: BDH-00166

Date: 2020-08-21 11:29:46

Description

E42 R2-Series Bobcat Compact Excavator

42.6 HP Tier 4 Turbocharged, Non DPF

5 inch LCD Display

Auto Idle

Auto-Shift, 2-Speed Travel

Auxiliary Hydraulics with Selectable Flow

w/ Arm Mounted Flush Face Quick Couplers

Cab Forward Standard Display

Canopy

Includes: Cup Holder, Retractable Seat Belt, Vinyl

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 Protection Structure (FOPS) - Meets Requirements of ISO 10262

Control Console Locks

Part No

M3315

Qty

1

Price Ea.

\$38,333.64

Total

\$38,333.64

Control Pattern Selector Valve (ISO/STD)

Dozer Blade with Float

Engine/Hydraulic Monitor with Shutdown

Fingertip Auxiliary Hydraulic Control

Fingertip Boom Swing Control

Horn

Hydraulic Joystick Controls

Rubber Track

Spark Arrestor

Telematics - Machine IQ

Vandalism Protection

Work Lights

X-Change (Attachment Mounting System)

Warranty: 2 years, or 2000 hours whichever occurs first

P10 Performance Package

Standard Arm

M3315-P06-P10

1

\$0.00

\$0.00

C11 Comfort Package

Open Canopy

Motion Alarm

M3315-P07-C11

1

\$210.80

\$210.80

Vinyl Suspension Seat

16" MX3 XCHG TEETH

7324830

1

\$714.40

\$714.40

Total of Items Quoted

\$39,258.84

Dealer Assembly Charges

\$0.00

Quote Total - US dollars

\$39,258.84

Notes:

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Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____ Date: _____



Product Quotation

Quotation Number: BDH-00164

Date: 2020-08-21 11:32:29

Description

E50 R2-Series Bobcat Compact Excavator

49.7 HP Tier 4 Turbocharged, Non DPF

5 inch LCD Display

Auto Idle

Auto-Shift, 2-Speed Travel

Auxiliary Hydraulics with Selectable Flow

w/ Arm Mounted Flush Face Quick Couplers

Cab Forward Standard Display

Canopy

Includes: Cup Holder, Retractable Seat Belt, Vinyl

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 Protection Structure (FOPS) - Meets Requirements of ISO 10262

Control Console Locks

Part No

M3319

Qty

1

Price Ea.

\$47,780.20

Total

\$47,780.20

Control Pattern Selector Valve (ISO/STD)

Dozer Blade with Float

Engine/Hydraulic Monitor with Shutdown

Fingertip Auxiliary Hydraulic Control

Fingertip Boom Swing Control

Horn

Hydraulic Joystick Controls

Rubber Track

Spark Arrestor

Telematics - Machine IQ

Vandalism Protection

Work Lights

X-Change (Attachment Mounting System)

Warranty: 2 years, or 2000 hours whichever occurs first

P10 Performance Package

"Standard Arm

M3319-P06-P10

1

\$0.00

\$0.00

"

C11 Comfort Package

Open Canopy

Motion Alarm

M3319-P07-C11

1

\$210.80

\$210.80

Vinyl Suspension Seat

18" MX4 XCHG TEETH

7322082

1

\$862.60

\$862.60

Total of Items Quoted

\$48,853.60

Dealer Assembly Charges

\$0.00

Quote Total - US dollars

\$48,853.60

Notes:

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Customer Acceptance:

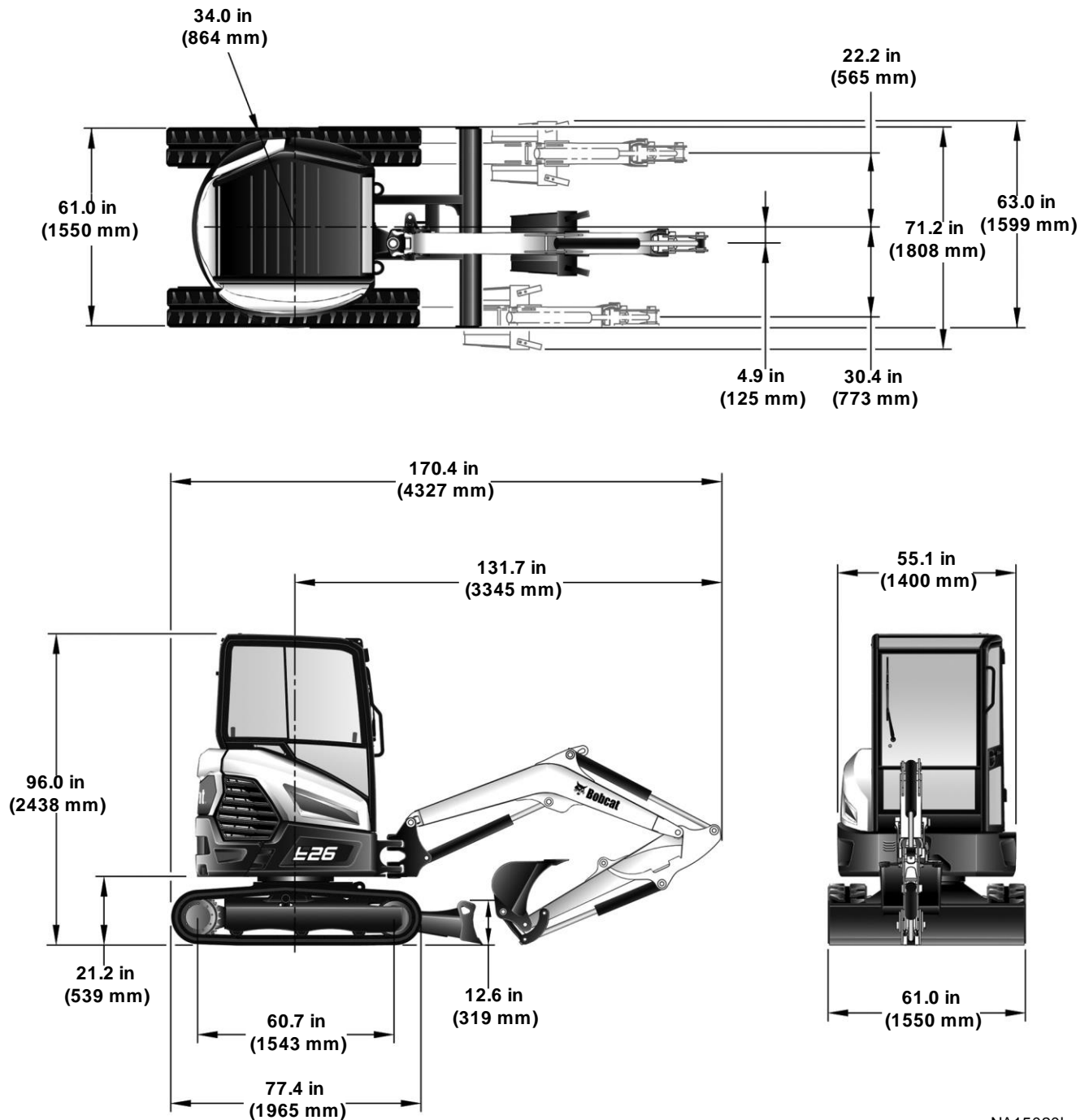
Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____ Date: _____

E26 R-SERIES BOBCAT EXCAVATOR SALES SPECIFICATIONS

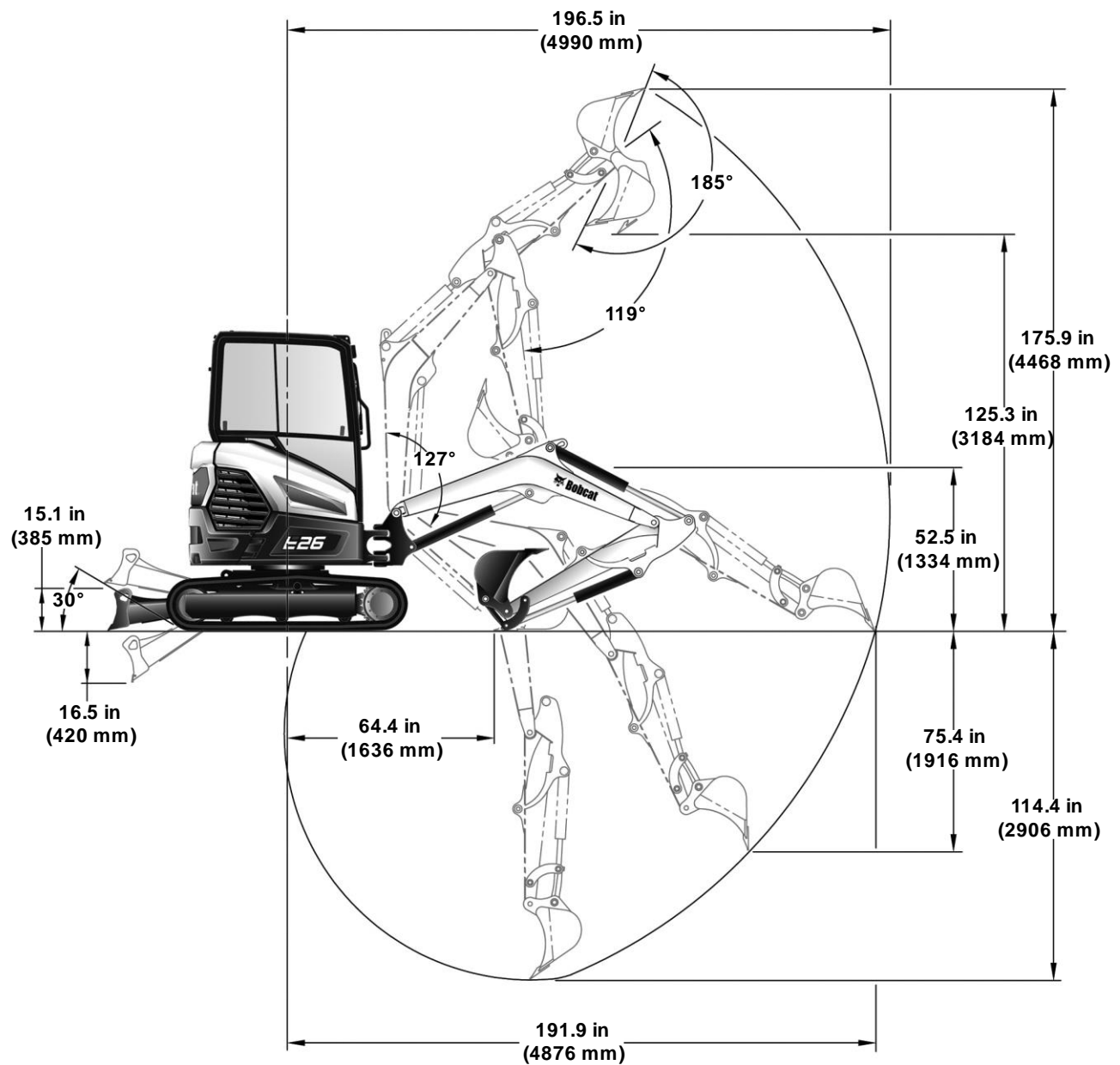
Machine Dimensions



NA15020b

- 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.

Working Range Dimensions



- Where applicable, specification conform to SAE or ISO standards and are subject to change without notice.
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E26 R-SERIES EXCAVATOR SPECIFICATIONS (CONT'D)

Performance

Operating weight (canopy, long arm, standard seat, heavy and add-on counterweight, rubber track, 20 inch trenching bucket, and 165 lb/75 kg operator):	6489 lb (2942 kg)
If equipped with the following:	Cab with HVAC & Cloth Suspension Seat, add 320 lb (145 kg); Hydraulic Clamp, add 126 lb (57.2 kg)
Travel Speed (Low / High)	1.8 mph / 3.2 mph (2,9 km/h / 5,2 km/h)
Boom Length	82.7 in (2100 mm)
Arm Length	55.1 in (1400 mm)
Tail Swing Overhang	3.5 in (89 mm)
Digging Forces (per ISO 6015)	Arm - 3547 lbf (15780 N) Bucket - 5652 lbf (25140 N)

Controls

Steering	Two hand levers / foot pedals
Hydraulics	Two hand-operated joysticks control boom, bucket, arm and upper-structure slew Thumb switch controls auxiliary hydraulics and boom swing
Blade	Hand lever
Two Speed	Switch on blade lever
Boom Swing	Electric switches on joysticks
Auxiliary Hydraulics	Electric switches on joysticks
Auxiliary Pressure Release	Electric switch in right joystick
Engine	Engine speed control dial with auto idle feature, key or keyless start switch
Starting Aid	Glow Plugs - activated by start switch
Brakes Travel Service and Parking Slew Service Holding	Hydraulic lock in motor circuit Hydraulic lock on motor Spring applied - hydraulic release

E26 R-SERIES EXCAVATOR SPECIFICATIONS (CONT'D)

Engine

Make / Model	Kubota® D1305-E4B-BCZ-1 Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower: – Gross power (ISO 14396) – Gross power (SAE J1995) – Net power (SAE J1349)	24.4 hp (18,2 kW) 24.8 hp (18,5 kW) 23.7 hp (17,7 kW)
Torque: – Gross torque (SAE J1995) – Net torque (SAE J1349)	60.0 lb-ft (81,3 N•m) 57.5 lb-ft (77,9 N•m)
Number of Cylinders	3
Displacement	77.0 in ³ (1,261 L)
Bore / Stroke	3.07 x 3.46 in (78 x 88 mm)
Lubrication	Pressure System with Filter
Crankcase Ventilation	Closed breathing
Air Cleaner	Dual dry replacement paper cartridge with safety element
Ignition	Diesel - Compression
Low Idle Speed	1150 ± 50 rpm
High Idle Speed	2550 max rpm
Engine Coolant	Propylene Glycol / water mixture (53% PG / 47% water)

Electrical

Starting Aid	Glow Plugs
Alternator	12 volt, 65 Amp open frame w/ internal regulator
Battery	12 volt - 500 CCA @ 0°F (-18°C)
Starter	12 volt; gear reduction 2.7 hp (2,0 kW)
Instrumentation	Fuel level gauge, engine coolant temperature gauge, visual & audible warnings for engine & hydraulic malfunctions, and hour-meter with job clock
Lights	20 watt (LED)

E26 R-SERIES EXCAVATOR SPECIFICATIONS (CONT'D)

Hydraulic System

Pump Type	Engine driven, dual outlet, variable displacement, load sensing, torque limited, piston pump with gear pumps
Pump Capacity Piston Pump Gear Pump - 1 Gear Pump - 2	2 x 8.9 U.S. gpm (2 x 33,75 L/min) 5.3 U.S. gpm (20 L/min) 1.8 U.S. gpm (6,75 L/min)
Auxiliary Flow	14.2 U.S. gpm (53,75 L/min)
Hydraulic Filter	Full flow replaceable, 3 micron synthetic media element
Control Valve	10 spool, parallel series type, open center
Fluid Type	Bobcat Fluid, Hydraulic / Hydrostatic 6903117 - (2.5 U.S. gal) 6903118 - (5 U.S. gal) 6903119 - (55 U.S. gal)
System Relief Pressure Slew relief pressure Blade, Boom Swing Boom, Arm, Bucket, Travel	2988 psi (20600 kPa) (206 bar) 2988 psi (20600 kPa) (206 bar) 3481 psi (24000 kPa) (240 bar)
Joystick Control Pressure	464 psi (3200 kPa) (32 bar)
Auxiliary Port Relief (1 and 2 if equipped)	2611 psi (18000 kPa) (180 bar)
Arm Port Relief Base And Rod End	4206 psi (29000 kPa) (290 bar)
Boom Port Relief Base And Rod End	4206 psi (29000 kPa) (290 bar)
Bucket Port Relief Base And Rod End	3771 psi (26000 kPa) (260 bar)
Blade Port Relief Base End	3916 psi (27000 kPa) (270 bar)
Blade Port Relief Rod End	3770 psi (26000 kPa) (260 bar)
Main Hydraulic Filter Bypass	49 psi (340 kPa) (3,4 bar)
Case Drain	17 – 23 psi (120 kPa – 160 kPa) (1,2 – 1,6 bar)

Drive System

Final Drive	Each track is driven by hydrostatic axial piston motor
Drive Reduction	41,9:1 two stage planetary
Gradeability	30°
Drawbar Pull	6587 lbf (29300 N)
Brakes	Hydraulic lock on motor

E26 R-SERIES EXCAVATOR SPECIFICATIONS (CONT'D)

Slew System

Slew Drive	Gear pump connected to a planetary drive
Slew Circle	Single row shear type ball bearings with internal gear
Gear Reduction	159,5:1 (total), 21,5:1 (slew motor), 7,4:1 (slew bearing)
Brake	Spring applied, pressure released
Slew Speed	9.3 rpm

Undercarriage

Crawler Track Design	Sealed track rollers with boxed section track roller frame, grease type track adjuster with shock absorbing recoil spring
Width of crawler	61.0 in (1550 mm)

Capacities

Fuel Tank	9.1 U.S. gal (34,4 L)
Hydraulic Reservoir Only (Center of Sight Glass)	2.7 U.S. gal (10,2 L)
Hydraulic System (with Reservoir)	6.1 U.S. gal (23 L)
Cooling System with / without Heater	1.3 U.S. gal (4,8 L) / 1.2 U.S. gal (4,4 L)
Engine Oil and Filter	4 U.S. qt (4,0 L)
Final Drive (each)	0.63 U.S. qt (0,6 L)

Tracks

Type	Rubber
Width	11.8 in (300 mm)
Number Of Shoes	Single Assembly
Number of Track Rollers (per side)	3
Ground Pressure	4.13 psi (28,4 kPa)

Temperature Range

Operation and storage	-1.3° – +109.4°F (-17° – +43°C)
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E26 R-SERIES EXCAVATOR SPECIFICATIONS (CONT'D)

NOTE: Lift Values reflect standard E26R configuration (Long arm with Std counterweight and Add-on counterweight), rubber tracks, canopy and X-Change quick attachment coupler. Bucket weight is NOT included.

E26

A

B

kg (lb) @

max. B

B

kg (lb) @

max. B

B

kg (lb) @

max. B

2000 mm
[79 in]

3000 mm
[118 in]

4000 mm
[157 in]

2000 mm
[79 in]

3000 mm
[118 in]

4000 mm
[157 in]

2000 mm
[79 in]

3000 mm
[118 in]

4000 mm
[157 in]

3000 mm
[118 in]

*565 kg (1246 lb) @
3630 mm (143 in)

434 kg (957 lb) @
3630 mm (143 in)

376 kg (829 lb) @
3630 mm (143 in)

2000 mm
[79 in]

*570 kg
[1257 lb]

*602 kg
[1327 lb]

*609 kg (1343 lb) @
4070 mm (160 in)

*570 kg
[1257 lb]

374 kg
[825 lb]

358 kg (789 lb) @
4070 mm (160 in)

500 kg
[1102 lb]

322 kg
[710 lb]

306 kg (675 lb) @
4070 mm (160 in)

1000 mm
[39 in]

*854 kg
[1883 lb]

*673 kg
[1484 lb]

*662 kg (1459 lb) @
4270 mm (168 in)

572 kg
[1261 lb]

369 kg
[814 lb]

335 kg (739 lb) @
4270 mm (168 in)

482 kg
[1063 lb]

312 kg
[688 lb]

281 kg (619 lb) @
4270 mm (168 in)

Ground

*1939 kg
[4275 lb]

*1070 kg
[2359 lb]

*750 kg
[1653 lb]

*709 kg (1563 lb) @
4150 mm (163 in)

1008 kg
[2222 lb]

554 kg
[1221 lb]

367 kg
[809 lb]

349 kg (769 lb) @
4150 mm (163 in)

812 kg
[1790 lb]

461 kg
[1016 lb]

311 kg
[686 lb]

292 kg (644 lb) @
4150 mm (163 in)

-1000 mm
[-39 in]

*1914 kg
[4220 lb]

*1090 kg
[2403 lb]

*791 kg (1744 lb) @
3600 mm (142 in)

1166 kg
[2571 lb]

579 kg
[1276 lb]

428 kg (944 lb) @
3600 mm (142 in)

884 kg
[1949 lb]

462 kg
[1019 lb]

358 kg (789 lb) @
3600 mm (142 in)

-2000 mm
[-79 in]

*1202 kg
[2650 lb]

*825 kg (1819 lb) @
2550 mm (100 in)

*1202 kg
[2650 lb]

*825 kg (1819 lb) @
2550 mm (100 in)

1002 kg
[2209 lb]

638 kg (1407 lb) @
2550 mm (100 in)

SW 19

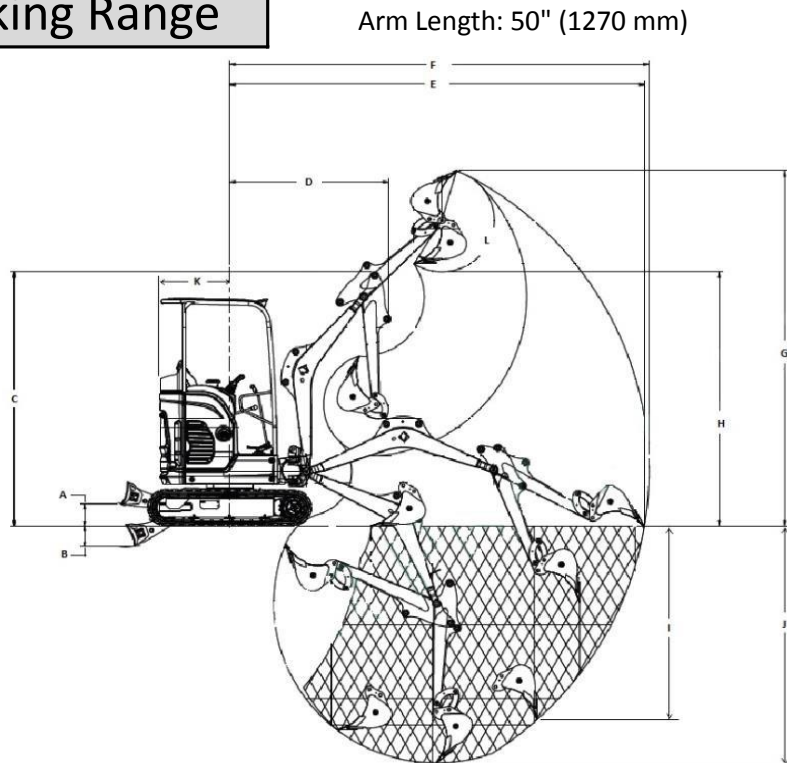
7359300A

E20 Compact Excavator Specifications

Operating Weights & Ground Pressure

Operating Weight - Canopy, rubber tracks, bucket	4306 lb (1953 kg)
- Add for Cab & Heater	+178 lb (81 kg)
Ground Pressure - 9" (230 mm) Rubber Tracks	4.36 psi (30.1 kPa)

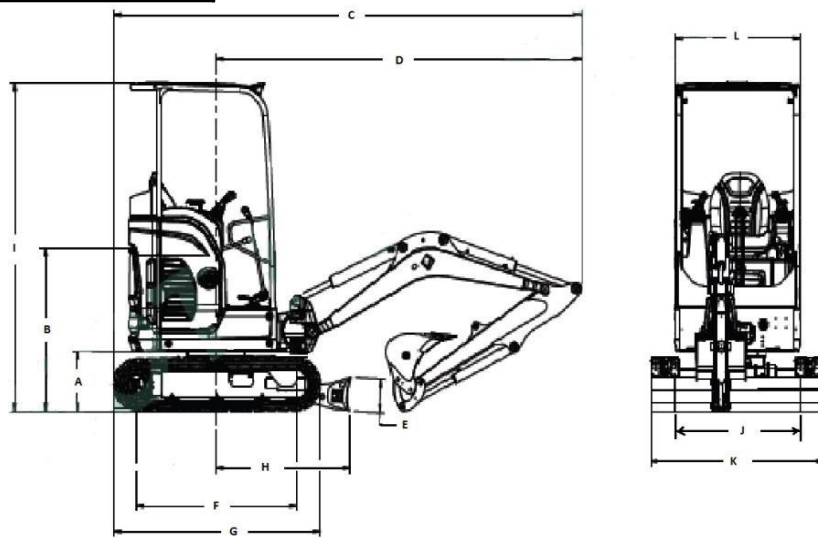
Working Range



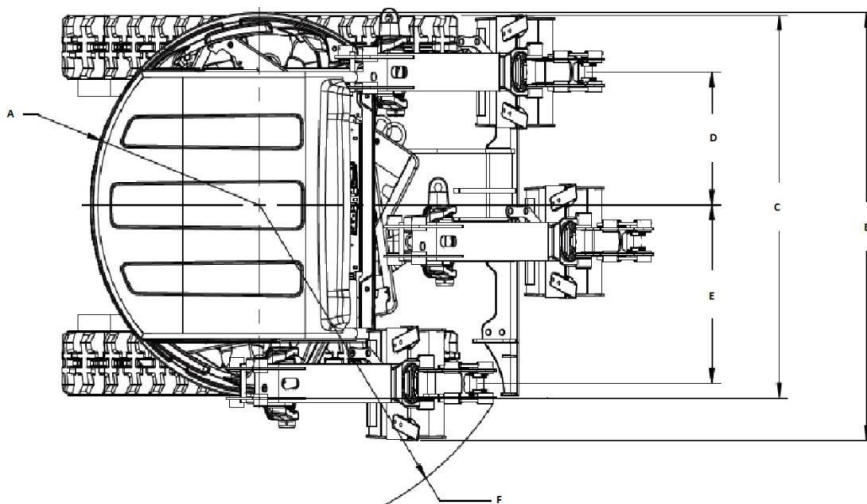
A. Maximum Blade Height -	11.8" (300 mm)
B. Maximum Blade Depth -	10" (254 mm)
C. Maximum Height of Working Equipment, arm retracted -	100.9" (2564 mm)
D. Maximum Working Equipment Radius, arm retracted -	63.4" (1611 mm)
E. Maximum Reach at Ground Level -	167.9" (4264 mm)
F. Maximum Reach -	169.6" (4307 mm)
G. Maximum Bucket Tooth Height -	145.7" (3701 mm)
H. Maximum Dump Height Clearance -	106.0" (2693 mm)
I. Maximum Depth of Vertical Wall Dig Depth -	83.3" (2115 mm)
J. Maximum Dig Depth -	102.4" (2602 mm)
K. Swing Clearance, Rear of Upperstructure -	27.1" (690 mm)
L. Bucket Pivot Angle -	196°

**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.*

Dimensions



A. Clearance, Upperstructure to Groundline -	16.5" (419 mm)
B. Groundline to top of Engine Cover -	44.8" (1138 mm)
C. Overall Length in Transport Position -	145.2" (3688 mm)
D. Minimum Radius in Transport Position -	113.5" (2882 mm)
E. Blade Height -	9.3" (235 mm)
F. Length of Track on Ground -	49.5" (1258 mm)
G. Overall Length of Track Assembly -	63.8" (1620 mm)
H. Machine Centerline to Blade -	49.3" (1252 mm)
I. Canopy / Cab Height -	90.4" (2297 mm)
J. Width - Undercarriage Retracted -	38.6" (980 mm)
K. Width - Undercarriage Expanded -	53.5" (1360 mm)



A. Swing Clearance, Rear of Upperstructure -	27.1" (690 mm)
B. Working Width, Maximum Left Boom Swing -	60.3" (1532 mm)
C. Working Width, Maximum Right Boom Swing -	53.9" (1370 mm)
D. Machine Center Line to Work Equipment Center Line, Right -	18.7" (476 mm)
E. Machine Center Line to Work Equipment Center Line, Left -	25.1" (638 mm)
F. Minimum Turning Radius -	46.8" (1190 mm)

Standard Features

Auxiliary Hydraulics with Quick Couplers

Canopy:

- Cup Holder, Retractable Seat belt
- Roll Over Protective Structure (ROPS)
- Tip Over Protective Structure (TOPS)
- Falling Object Guard Structure (FOGS)

Control Console Locks

Control Pattern Selector Valve (ISO/STD)

Dozer Blade with Extensions

Engine /Hydraulic Monitor w/ Shutdown

Horn

Hydraulic Joystick Controls

Hydraulically Retractable Undercarriage

Rubber Tracks - 9" (230 mm)

Spark Arrestor Muffler

Two Speed Travel

Warranty - 12 Months

Work Light

Options/Accessories

Auto-Shift Travel

AM/FM Radio

Cab Enclosure w/ Heater

Beacon Light

Falling Object Guard System

Fingertip Auxiliary & Boom Swing Control
with Selectable Auxiliary Flow

Keyless Start

Special Applications Kit

Steel Tracks

Travel Motion Alarm

Instrumentation

Charging System Indicator

Console Position Indicator

Engine Oil Pressure Light w/ Audible Alarm

Engine Temperature Light w/ Audible Alarm

Hydraulic System Warning Light w/ Audible Alarm

Fuel Level & Engine Coolant Temperature Gauges

Hour Meter/Job Clock/Engine RPM display

Two Speed (travel) Indicator

Warranty

One year unlimited hours -	Standard
24 month, 2000 hour limit -	Optional
36 month, 3000 hour limit -	Optional
60 month, 5000 hour limit, (Municipalities only) -	Optional

Engine & Electrical

Engine Make / Model -	Kubota D722-E4B-BCZ-7	Tier 4
Fuel / Cooling -	Diesel / Liquid	
Horsepower -	13.9 HP (10.4 kW) @ 2500 RPM	
Horsepower _(net) -	13.3 HP (9.9 kW) @ 2500 RPM	
Torque, @ Rated RPM _(Net) -	31.1 ft-lb (42.2 Nm) @ 2000 RPM	
Number of Cylinders -	3	
Displacement -	43.9 cu in (.7 L)	
Bore x Stroke -	2.64" x 2.68" (67 x 68 mm)	
Oil Filter -	Cartridge Type - Full Flow	
Air Filter -	Dual Element, Dry Replaceable Paper Cartridge	
Alternator -	12V - 40A	
Battery -	12V - 530 CCA @ 0 (-18 C): 75 Minute Reserve Capacity	
Starter -	12V - 1.9 HP (1.4 kW) w/ Gear Reduction	

Hydraulic System

Pump Type / Number -	Dual Piston w/ Gear
Pump Capacity -	(2) @ 4.0 gpm (15 L/min); (1) @ 3.0 gpm (11.3 L/min)
Control Valve -	9 Spool, parallel series type, open center
System Relief Setting -	3350 psi (230 Bar)
Auxiliary Relief Setting -	2610 psi (180 bar)
Auxiliary Flow -	7.9 gpm (30 L/min)
Slew Motor -	Orbital Motor with automatic slew brake
Drive Motor -	Axial Piston Motor with Two Stage Planetary Gear Reduction

Performance

Arm Breakout Force -	2086 ft-lb (9279 N)
Bucket Breakout Force -	4684 ft-lb (20835 N)
Travel Speed - Low Range -	1.5 mph (2.5 km/h)
Travel Speed - High Range -	2.5 mph (4.0 km/h)
Drawbar Pull (90% eff) -	4404 lb-f (19590 N)
Boom Swing - L / R -	80° / 60°
Slew Speed -	8.4 RPM

Capacities

Fuel Tank -	5 gal (19 L)
Cooling System -	3.5 qts (3.3 L)
Engine Oil & Filter -	3.5 qt (3.3 L)
Hydraulic System -	5.02 gal (19 L)

Controls

Engine starting:	Key type ignition switch with key shut down
Engine Speed control:	Hand lever
Vehicle Steering:	Direction and speed controlled by two hand levers or foot pedals
Excavator Functions:	Two hydraulic joysticks control boom, arm, bucket & slew functions. Foot pedals control auxiliary hydraulics and boom swing Blade is controlled by separate lever
Service Brake (travel):	Hydraulic lock on motor
Parking Brake (travel):	Hydraulic Lock on motor
Service Brake (slew):	Hydraulic lock on motor
Holding Brake (slew):	Automatically applied slew brake integrated into motor

Serviceability

Access is available to the following through the rear door, side door, or under the operator seat:

- Air cleaner
- Battery
- Cooling system (engine coolant and hydraulic oil coolers) for cleaning
- Engine oil check, oil fill, and oil filter
- Sight gauge for hydraulic oil level
- Starter

Fuel fill shall have locking provisions

Tailgate shall have provision for locking

Central Grease point for slew bearing, slew pinion, offset cylinder

Safety

ROPS/TOPS (std):

Canopy, and optional enclosed cab, shall be ROPS/TOPS certified

Retractable Seat Belt (std):

Should always be worn when operating the excavator

Grab Handles (std):

Should always be used when entering/exiting the excavator

Front Working Light (std):

Use for indoor and low light operation

Control Lockout (std):

Operator consoles shall lock out all excavator functions

House Slew Lock (std):

Automatic activating slew brake shall lock upper structure to undercarriage for transport

Travel Motion Alarm:

Optional - For use when required

Special Applications Kit:

Optional - Restricts objects and material from entering front of operator station.

Training Resources

Bobcat Excavator Operator Training Course -

4 - hour course provides video, classroom & hands-on training

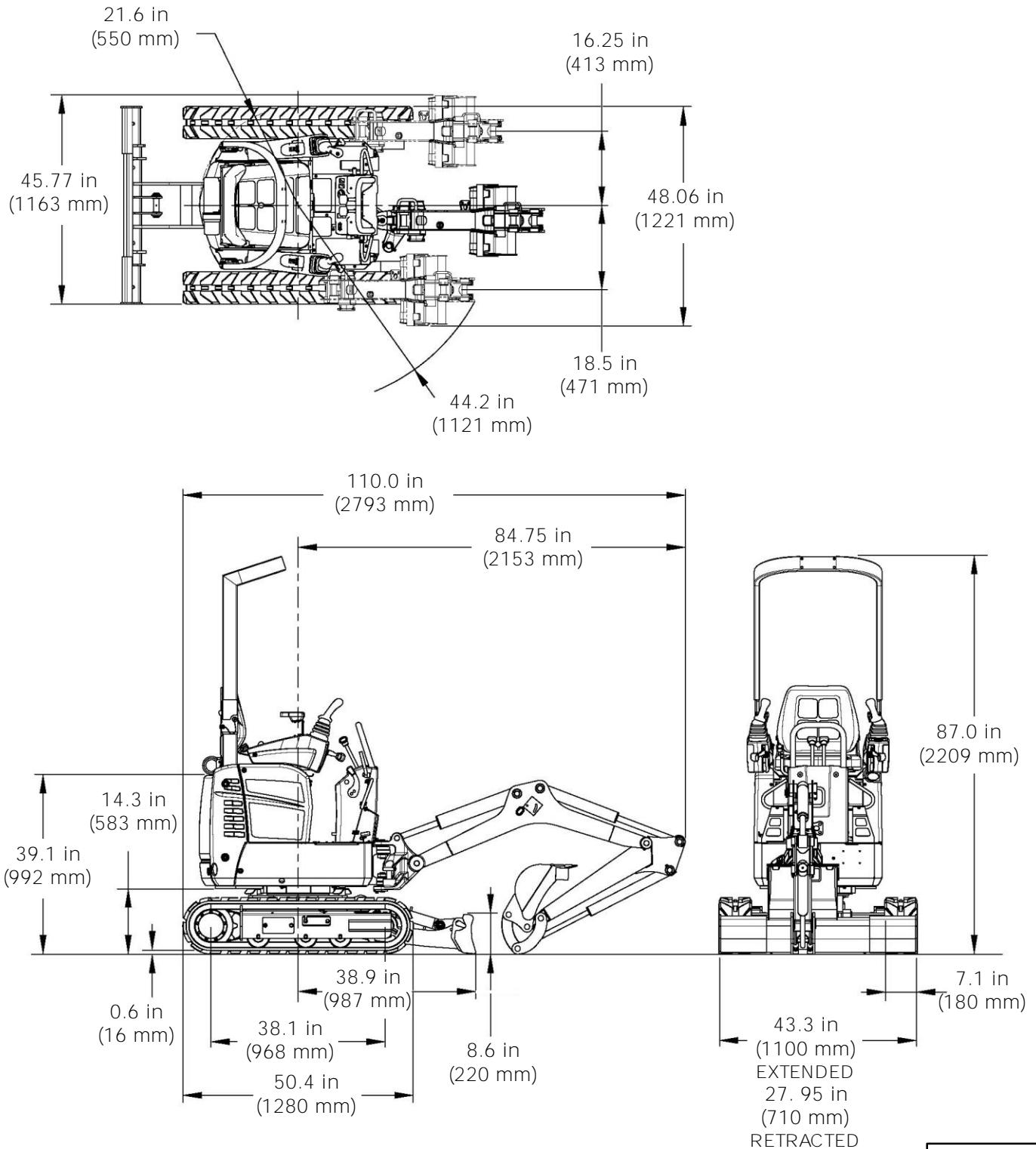
Bobcat Excavator Service Safety Training Course -

2 - hour course provides video, classroom and hands-on training

E10 Bobcat Excavator Sales Specifications

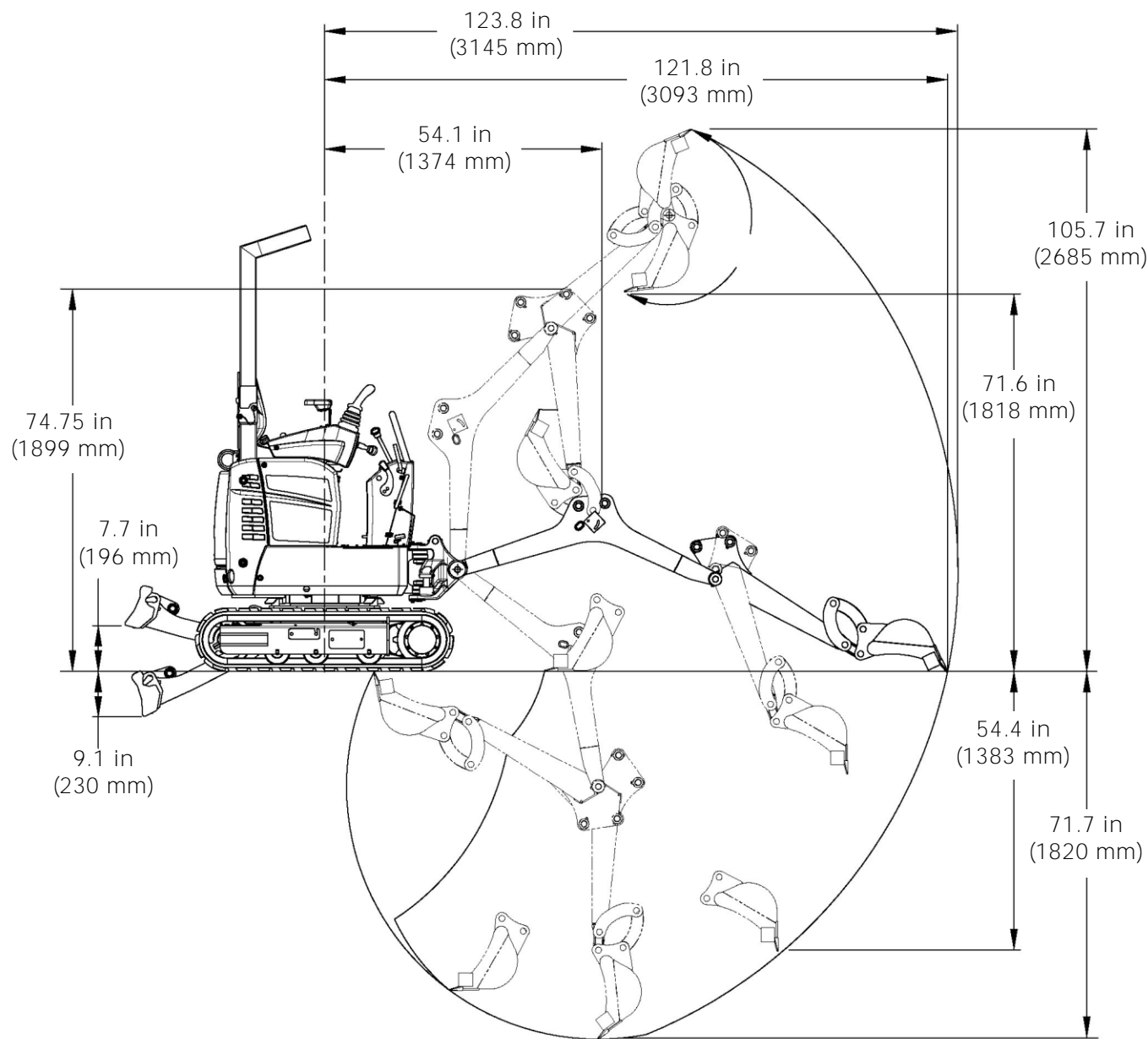
Machine Dimensions

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E10 Bobcat Excavator Specifications (cont'd)

Machine Dimensions (Cont'd) –



E10Bobcat Excavator Specifications (cont'd)

Performance

E10	
Operating Weight: Includes TOPS w / rubber tracks, 16" (400 mm) trenching bucket, fluids full and 165 lb. (75kg) operator	2593 lb. (1176 kg)
Ground Pressure	4.2 psi (28.8 kPa)
Travel Speed (Low / High)	1.3 mph (2.1 km/h) / 1.7 mph (2.8 km/h)
Bucket Breakout Force (per ISO 6015)	1865 lbf (8294 N)
Arm Breakout Force (per ISO 6015)	1248 lbf (5550 N)
Arm Length	31.9 in (810 mm)
Boom Swing (L / R)	67 degrees / 64 degrees
Tail Swing Overhang	0.0 in (0 mm) ZTS (with undercarriage in expanded position)

Controls

Steering	Two hand levers
Hydraulics	Two hand operated levers (joysticks) control boom, bucket, arm and slew
Blade	Hand lever
Two-Speed	Switch on blade lever
Boom Swing	Foot pedal
Auxiliary Hydraulics	Foot pedal
Engine Speed	Control with hand lever
Starting Aid	Automatic glow plugs - activated by key switch
Brakes Travel Service & Parking Swing Service Holding	Hydraulic lock in motor circuit Hydraulic lock on motor Lock pin

Capacities

Fuel Tank	4.2 U.S. gal (16.0 L)
Hydraulic Reservoir (center of sight glass)	2.75 qt (2.6 L)
Hydraulic System (with reservoir)	9.9 qt (9.4 L)
Cooling system	3.2 qt (3.0 L)
Engine Oil and Filter	2.96 qt (2.8 L)
Final Drive (each)	.53 qt (.5 L)

E10 Bobcat Excavator Specifications (cont'd)

Engine

Make / Model	Kubota D722-E4B-BCZ-6 Tier 4 NRTC
Fuel / Cooling	Diesel / Liquid
Horsepower @2200 rpm <ul style="list-style-type: none"> - SAE J1349 Net - SAE J1995 Gross 	9.9 hp (7.4 kW) 10.2 hp (7.6 kW)
Torque @ 1400 rpm (SAE Gross)	39.6 ft-lb (40.1 N•m) @ 1600 rpm
Number of Cylinders	3
Displacement	43.9 in ³ (0.72 L)
Bore / Stroke	2.64 x 2.68 in (67 x 68 mm)
Lubrication	Forced lubrication with cartridge type filter
Crankcase Ventilation	Closed Breather
Air Cleaner	Dual dry replacement paper elements (with safety element)
Ignition	Diesel-Compression
Low Idle Speed	1175 - 1275 rpm
High Idle Speed	2250 - 2350 rpm
Engine Coolant	Propylene Glycol / water mixture (53% PG / 47% water)

Slew System

Slew Motor	Orbital motor
Slew Circle	Single row shear type ball bearing with internal gear
Slew Speed	9.0 rpm

Undercarriage

Overall Width of Crawler	27.95 in (710 mm) retracted / 43.3 in (1100 mm) expanded
Final Drive	Each track is driven by hydrostatic axial piston motor
Type of Reduction	23.04:1 two stage planetary
Max Draw Bar Pull (@ 90% efficiency)	2227 lbf (9905 N)
Crawler Track Design	Sealed track rollers with boxed section track roller frame, grease type track adjuster
Track Type / Width	Rubber – 7.1 in (180 mm)
Number of Track Rollers (per side)	3

E10 Bobcat Excavator Specifications (cont'd)










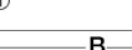

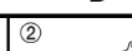
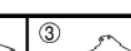
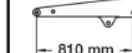







Hydraulic System

Pump Type	Direct drive, dual gear pump.
Pump Capacity	5.28 gpm (20 L/min)
Auxiliary Flow	5.28 gpm (20 L/min)
Hydraulic Filter	Full flow replaceable, 3-micron synthetic media element
Control Valve	9 spool parallel type open center
Fluid Type	Bobcat Fluid, Hydraulic / Hydrostatic
System Relief Pressure	2756 psi (19000 kPa) (190 bar)
Main Hydraulic Filter Bypass	25 psi (350 kPa) (3,5 bar)

Electrical

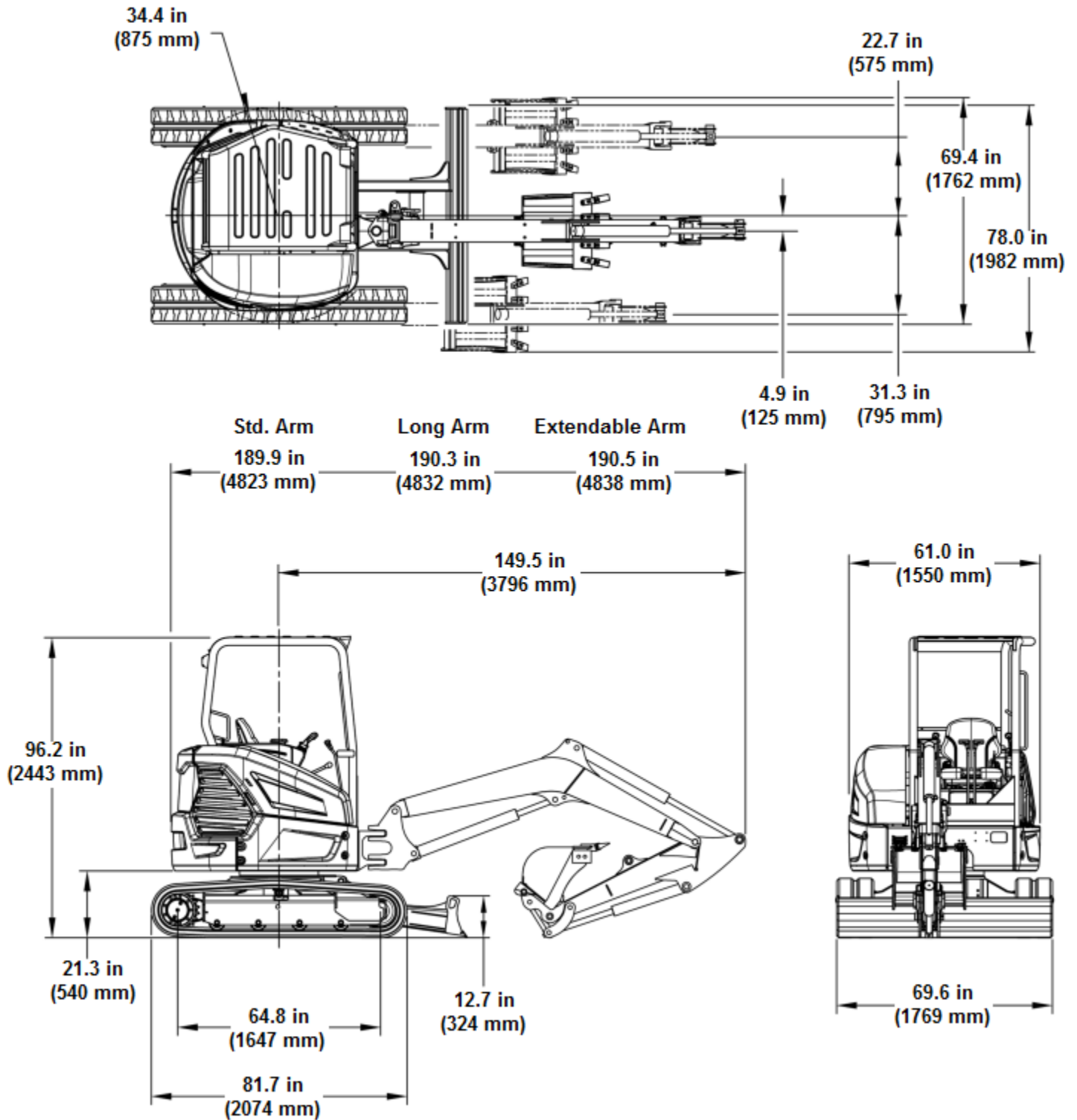
Starting Aid	Glow Plugs
Alternator	12 volt, 40 Amp open frame w / internal regulator
Battery	12 volt - 500 CCA @ 0°F (-18°C) – 90 minute reserve capacity
Starter	12 volt; gear reduction 1.9 hp (1.4 kW)
Lights (1)	37.5 watts
Instrumentation	<p>Gauges: Fuel Level. Warning lights: Engine Coolant Temperature, Engine Oil Pressure, Charging Condition. Indicators: Two-Speed, Engine Preheat. Data Display: Operating Hours</p>

Lift Capacity Table - Machine standard equipped with TOPS, rubber tracks, 16" trenching bucket.

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E35 R-Series (25HP) Bobcat Excavator Sales Specifications

Machine Dimensions

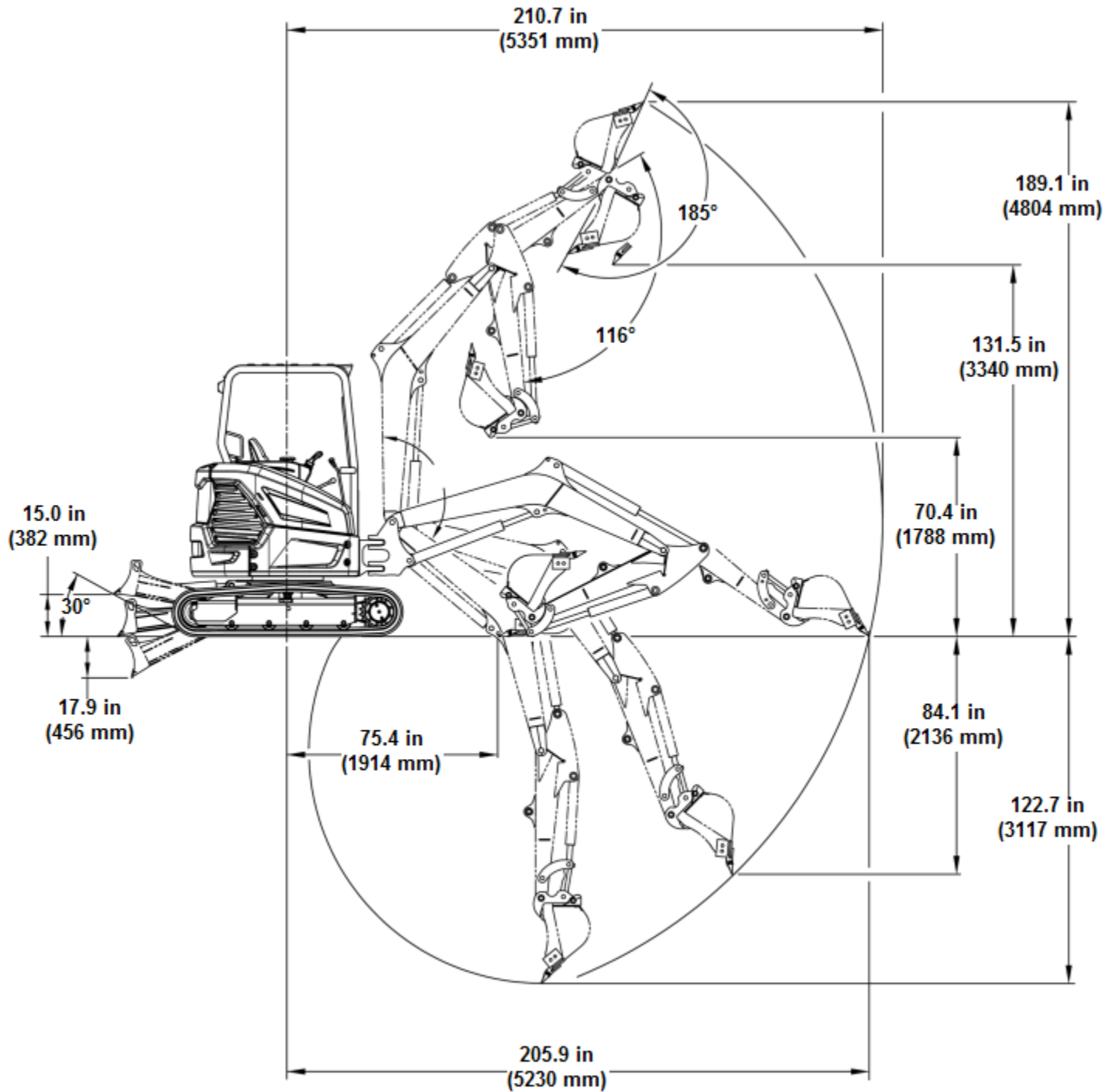


NA15596

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E35R Bobcat Excavator Specifications (cont'd)

Standard Arm Machine Dimensions – (Arm length = 52.2")

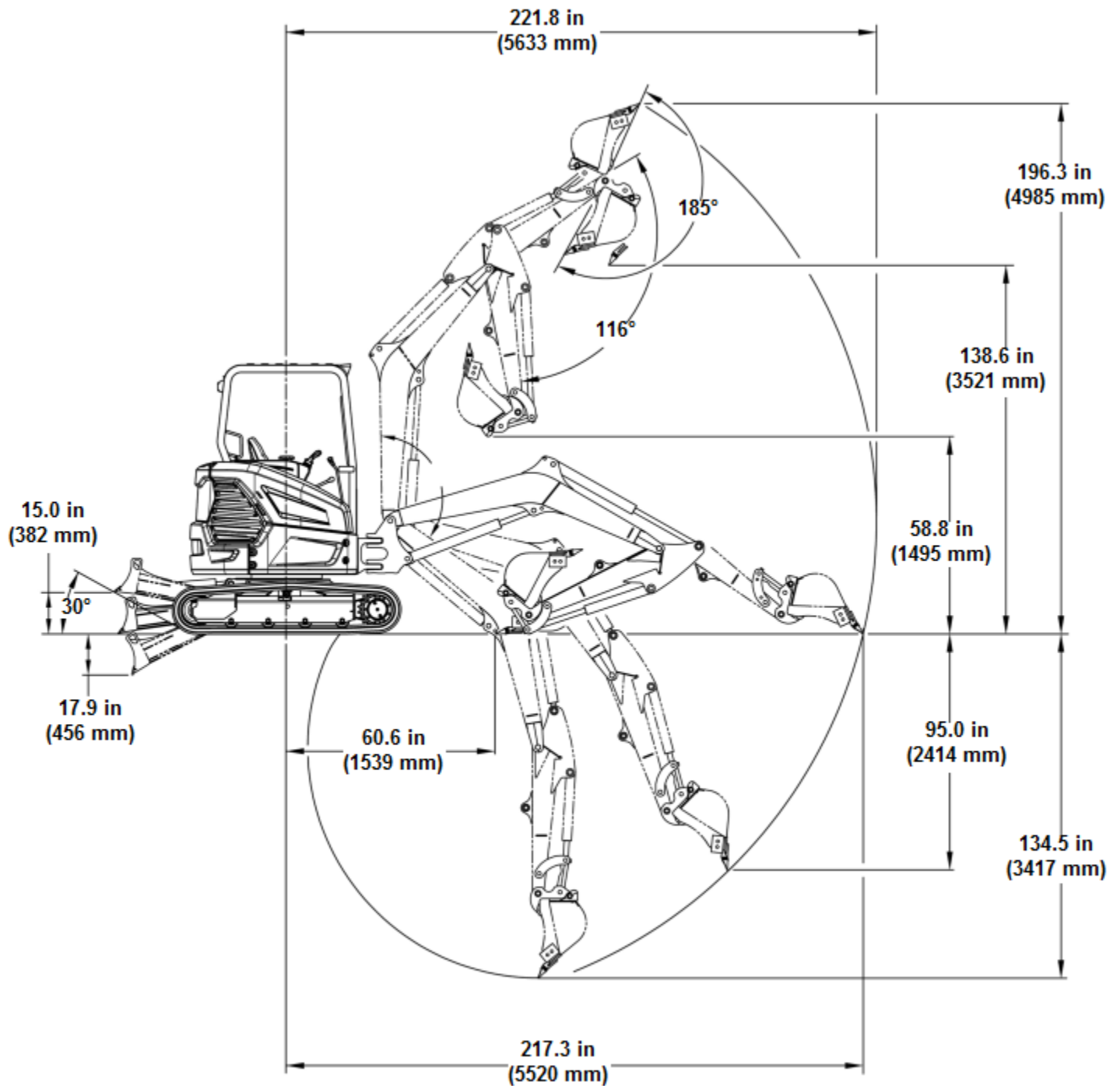


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E35R Bobcat Excavator Specifications (cont'd)

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

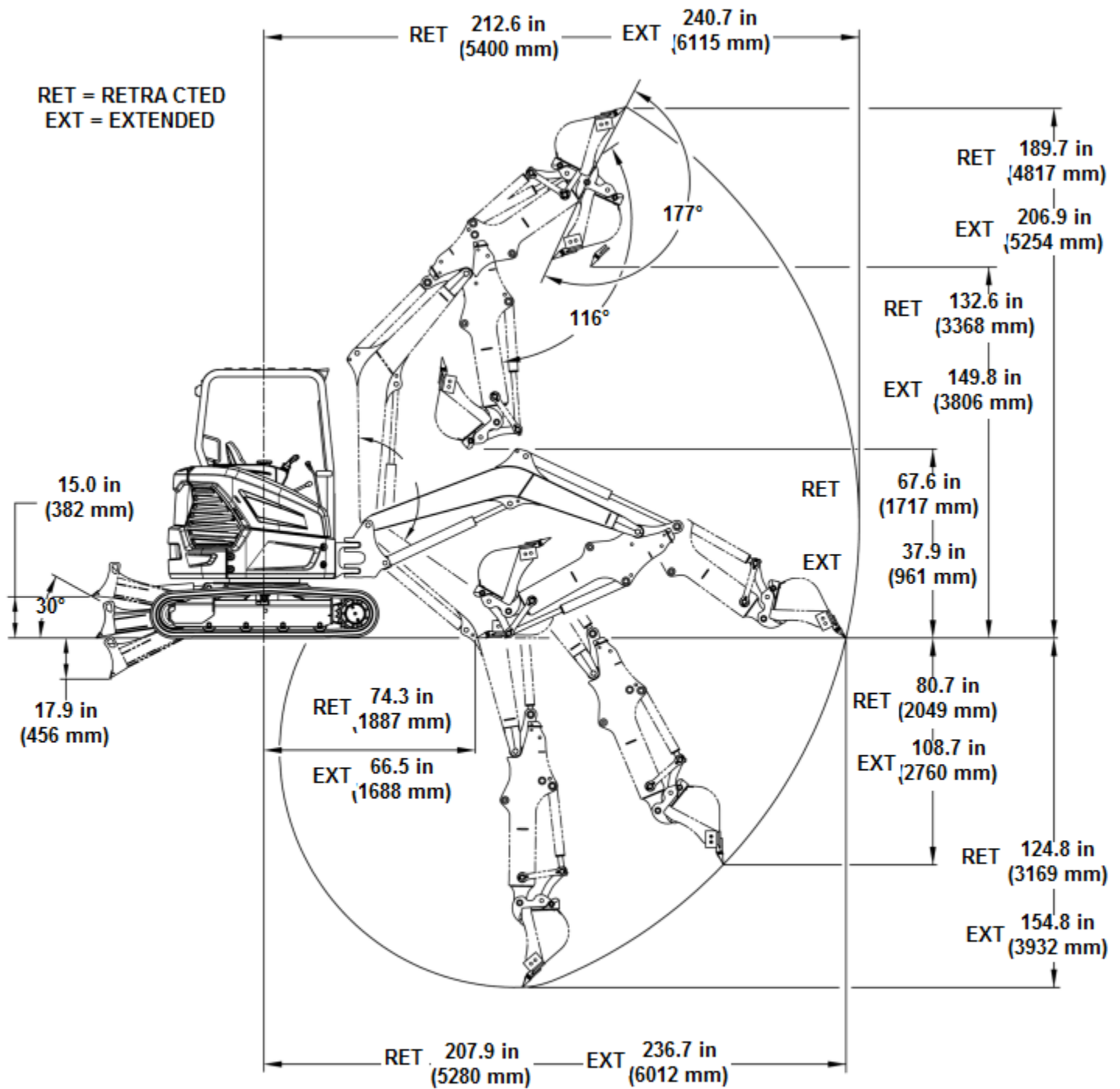


NA13597

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

E35R Bobcat Excavator Specifications (cont'd)

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

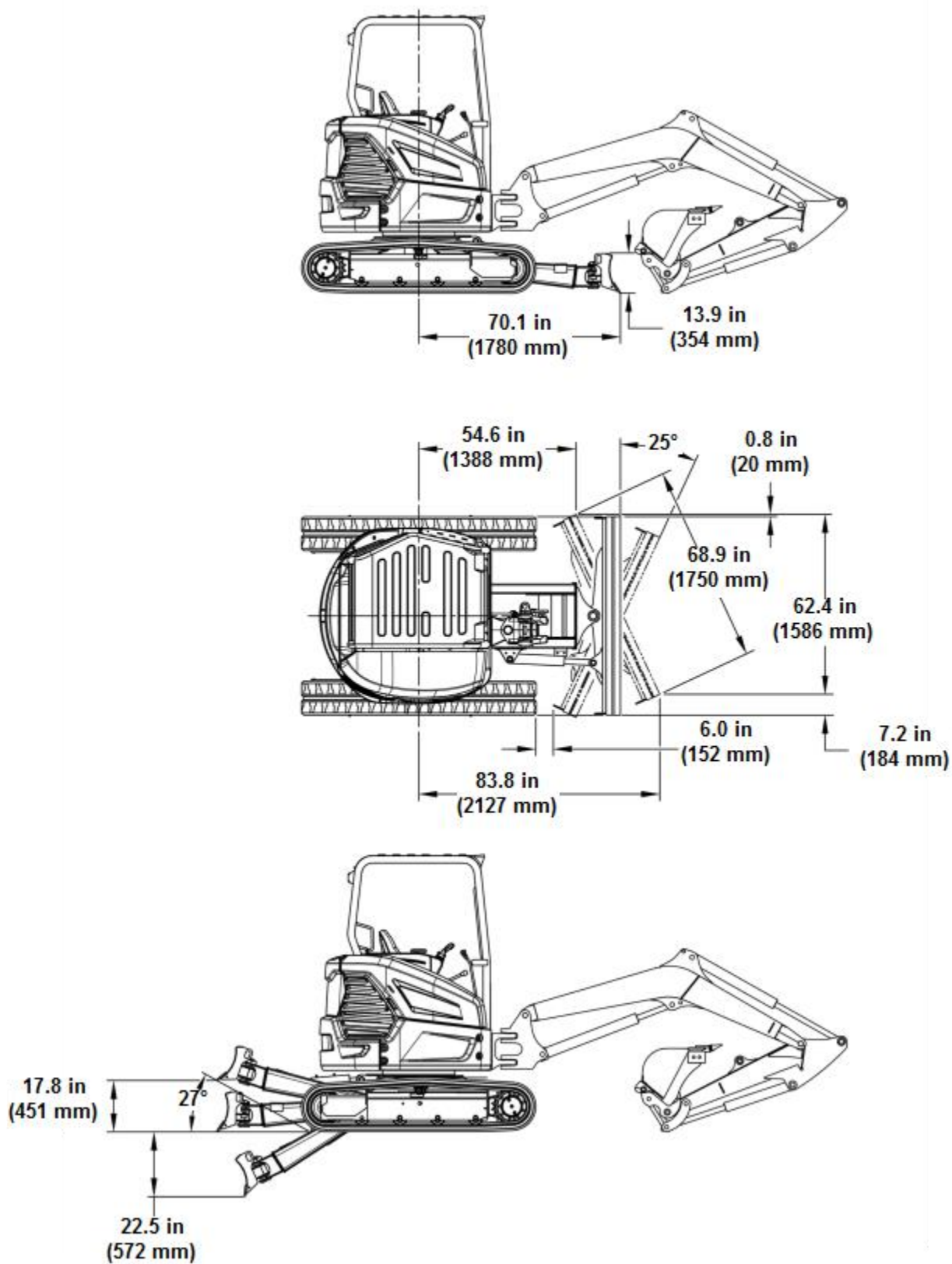


NA13598

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

E35R Bobcat Excavator Specifications (cont'd)

Excavator Machine Dimensions – Angle Blade Option



NA13599

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

E35R 25HP Bobcat Excavator Specifications (cont'd)

Performance

E35R 25HP	
Operating Weight: Includes canopy w / rubber tracks, 24" (609 mm) trenching bucket, fluids full and 165 lb. (75kg) operator	7699 lb. (3492 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 678 lb. (308 kg); Extendable Arm, add 898 lb. (407 kg) Angle Blade, add 251 lb. (114 kg) Steel tracks, add 212 lb. (96 kg); Additional Counterweight (applicable to standard arm only) 642 lb. (291 kg);
Travel Speed (Low / High)	1.6 mph / 2.9 mph (4.7 km/h / 2.6 km/h)
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 w/ Heavy Counterweight	0.0 in (0 mm) ZTS 3.5 in (89 mm)

Controls

Steering	Two hand levers / foot pedals
Hydraulics	Two hand operated levers (joysticks) control boom, bucket, arm and slew
Blade	Hand lever
Angle Blade (If Equipped)	Switch on blade 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	Automatic 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

E35R 25HP 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 hp (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 ³ (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	Axial piston connected to a planetary drive
Slew Circle	Single row shear type ball bearing with internal gear
Slew Speed	8.6 rpm

E35R 25HP 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 (3,9 L/min) 65% - 75% of Maximum flow 25% - 35% of Maximum flow
Auxiliary Flow (optional 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, Auxiliary 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 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)
Angle Blade (If Equipped) Port Relief Base End & Rod 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)

E35R 25HP Bobcat Excavator Specifications (cont'd)

Undercarriage

Overall Width of Crawler	68.9 in (1750 mm)	
Final Drive	Each track is driven by hydrostatic axial piston motor	
Type of Reduction	48.6:1 two stage planetary	
Max Draw Bar Pull (@ 90% efficiency)	7658 lbf (34034 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	43
Number of Track Rollers (per side)	4	4
Ground Pressure Rubber Tracks - Standard Arm - Long Arm - Extendable Arm	4.61 psi (31,8 kPa) (0318 bar) 5.02 psi (34,6 kPa) (0,346 bar) 5.15 psi (35,5 kPa) (0,355 bar)	
Steel Tracks - Standard Arm - Long Arm - Extendable Arm	4.74 psi (32,7 kPa) (0,327 bar) 5.15 psi (35,5 kPa) (0,355 bar) 5.28 psi (36,4 kPa) (0,364 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>

E35R 25HP Bobcat Excavator Specifications (cont'd)

E35R Standard Arm, Standard Counterweight

Machine with canopy and rubber tracks, without bucket.

E35

A

B

3000 mm (118.1 in) 4000 mm (157.5 in)

kg (lb) @ max. B

B

3000 mm (118.1 in) 4000 mm (157.5 in)

kg (lb) @ max. B

B

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)

*737 kg (1625 lb)

*771 kg (1699 lb)

*903 kg (1991 lb)

*1262 kg (2781 lb)

*1466 kg (3232 lb)

*1422 kg (3136 lb)

*738 kg (1626 lb) @ 4005 mm (158 in)

*760 kg (1674 lb) @ 4453 mm (175 in)

*800 kg (1763 lb) @ 4586 mm (181 in)

*853 kg (1880 lb) @ 4439 mm (175 in)

*918 kg (2024 lb) @ 3972 mm (156 in)

751 kg (1655 lb)

703 kg (1549 lb)

677 kg (1491 lb)

676 kg (1490 lb)

487 kg (1073 lb)

480 kg (1058 lb)

464 kg (1022 lb)

452 kg (995 lb)

458 kg (1010 lb) @ 3972 mm (156 in)

458 kg (1010 lb) @ 3972 mm (156 in)

486 kg (1071 lb) @ 4005 mm (158 in)

404 kg (891 lb) @ 4453 mm (175 in)

379 kg (835 lb) @ 4586 mm (181 in)

382 kg (863 lb) @ 4439 mm (175 in)

382 kg (863 lb) @ 4439 mm (175 in)

382 kg (863 lb) @ 4439 mm (175 in)

712 kg (1569 lb)

665 kg (1465 lb)

638 kg (1407 lb)

638 kg (1407 lb)

638 kg (1407 lb)

638 kg (1407 lb)

463 kg (1020 lb)

456 kg (1005 lb)

440 kg (969 lb)

427 kg (941 lb)

427 kg (941 lb)

427 kg (941 lb)

461 kg (1017 lb) @ 4005 mm (158 in)

383 kg (845 lb) @ 4453 mm (175 in)

359 kg (792 lb) @ 4586 mm (181 in)

371 kg (817 lb) @ 4439 mm (175 in)

371 kg (817 lb) @ 4439 mm (175 in)

371 kg (817 lb) @ 4439 mm (175 in)

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E35R 25HP Bobcat Excavator Specifications (cont'd)

E35R Standard Arm, Heavy Counterweight

Machine with canopy and rubber tracks, without bucket.

E35

①

②

A

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

B

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)

*737 kg
(1625 lb)

*771 kg
(1699 lb)

*1262 kg
(2781 lb)

*1466 kg
(3232 lb)

*1422 kg
(3136 lb)

*738 kg (1626 lb) @
4005 mm (158 in)

*760 kg (1674 lb) @
4453 mm (175 in)

*800 kg (1763 lb) @
4586 mm (181 in)

*853 kg (1880 lb) @
4439 mm (175 in)

*918 kg (2024 lb) @
3972 mm (156 in)

593 kg
(1308 lb)

587 kg
(1293 lb)

570 kg
(1257 lb)

557 kg
(1229 lb)

831 kg
(1832 lb)

592 kg (1305 lb) @
4005 mm (158 in)

497 kg (1096 lb) @
4453 mm (175 in)

469 kg (1033 lb) @
4586 mm (181 in)

485 kg (1068 lb) @
4439 mm (175 in)

565 kg (1245 lb) @
3972 mm (156 in)

566 kg
(1248 lb)

560 kg
(1233 lb)

815 kg
(1797 lb)

789 kg
(1739 lb)

788 kg
(1738 lb)

565 kg (1245 lb) @
4005 mm (158 in)

474 kg (1045 lb) @
4453 mm (175 in)

446 kg (984 lb) @
4586 mm (181 in)

462 kg (1019 lb) @
4439 mm (175 in)

538 kg (1186 lb) @
3972 mm (156 in)

SW 17

7279899A

①

1625 mm
(64.0 in)

②

2450 mm
(96.4 in)

E35

A

B

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)

*767 kg
(1692 lb)

*1149 kg
(2534 lb)

*1420 kg
(3130 lb)

*1455 kg
(3207 lb)

*694 kg
(1531 lb)

*833 kg
(1836 lb)

*949 kg
(2093 lb)

*955 kg
(2106 lb)

*661 kg (1458 lb) @
3506 mm (138 in)

*663 kg (1462 lb) @
4336 mm (171 in)

*652 kg (1437 lb) @
4746 mm (187 in)

*693 kg (1527 lb) @
4868 mm (192 in)

*777 kg (1713 lb) @
4732 mm (186 in)

*840 kg (1853 lb) @
4306 mm (170 in)

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

*767 kg
(1692 lb)

885 kg
(1906 lb)

829 kg
(1827 lb)

821 kg
(1809 lb)

589 kg
(1298 lb)

589 kg
(1255 lb)

553 kg
(1219 lb)

549 kg
(1210 lb)

*661 kg (1458 lb) @
3506 mm (138 in)

525 kg (1157 lb) @
4336 mm (171 in)

451 kg (994 lb) @
4746 mm (187 in)

427 kg (941 lb) @
4868 mm (192 in)

439 kg (967 lb) @
4732 mm (186 in)

499 kg (1100 lb) @
4306 mm (170 in)

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

*767 kg
(1692 lb)

821 kg
(1811 lb)

786 kg
(1733 lb)

779 kg
(1716 lb)

562 kg
(1238 lb)

542 kg
(1195 lb)

527 kg
(1161 lb)

523 kg
(1152 lb)

*661 kg (1458 lb) @
3506 mm (138 in)

501 kg (1105 lb) @
4336 mm (171 in)

430 kg (947 lb) @
4746 mm (187 in)

407 kg (896 lb) @
4868 mm (192 in)

418 kg (921 lb) @
4732 mm (186 in)

475 kg (1047 lb) @
4306 mm (170 in)

SW 17

7279897A

E35R 25HP Bobcat Excavator Specifications (cont'd)

E35R Extendable Arm, Heavy Counterweight

Machine with canopy and rubber tracks, without bucket.

E35

①

②

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)				*500 kg (1103 lb) @ 4193 mm (165 in)				*500 kg (1103 lb) @ 4193 mm (165 in)				*500 kg (1103 lb) @ 4193 mm (165 in)
3000 mm (118.1 in)			*563 kg (1242 lb) @ 4060 mm (160 in)	*513 kg (1132 lb) @ 4881 mm (192 in)			526 kg (1159 lb) @ 4060 mm (160 in)	396 kg (876 lb) @ 4681 mm (184 in)			500 kg (1101 lb) @ 4060 mm (160 in)	377 kg (836 lb) @ 4881 mm (192 in)
2000 mm (78.7 in)	*817 kg (1801 lb)	*693 kg (1529 lb)	*561 kg (1242 lb) @ 4501 mm (177 in)	*539 kg (1187 lb) @ 5209 mm (205 in)	*817 kg (1801 lb)	530 kg (1168 lb)	432 kg (952 lb) @ 4501 mm (177 in)	344 kg (759 lb) @ 5209 mm (205 in)	*817 kg (1801 lb)	503 kg (1108 lb)	409 kg (901 lb) @ 4501 mm (177 in)	325 kg (716 lb) @ 5209 mm (205 in)
1000 mm (39.4 in)	*1108 kg (2442 lb)	*909 kg (1994 lb)	*719 kg (1594 lb) @ 4632 mm (182 in)	*572 kg (1262 lb) @ 5348 mm (211 in)	743 kg (1639 lb)	507 kg (1118 lb)	402 kg (886 lb) @ 4632 mm (182 in)	325 kg (716 lb) @ 5348 mm (211 in)	701 kg (1546 lb)	480 kg (1059 lb)	380 kg (838 lb) @ 4632 mm (182 in)	307 kg (676 lb) @ 5348 mm (211 in)
Ground	*1306 kg (3011 lb)	*897 kg (1977 lb)	*769 kg (1696 lb) @ 4487 mm (177 in)	*617 kg (1360 lb) @ 5228 mm (206 in)	750 kg (1653 lb)	491 kg (1081 lb)	416 kg (916 lb) @ 4487 mm (177 in)	330 kg (728 lb) @ 5228 mm (206 in)	708 kg (1561 lb)	464 kg (1022 lb)	392 kg (865 lb) @ 4487 mm (177 in)	312 kg (688 lb) @ 5228 mm (206 in)
-1000 mm (-39.4 in)	*1338 kg (2950 lb)	*846 kg (1864 lb)	*833 kg (1836 lb) @ 4027 mm (159 in)	*673 kg (1483 lb) @ 4856 mm (191 in)	750 kg (1653 lb)	494 kg (1090 lb)	490 kg (1080 lb) @ 4027 mm (159 in)	368 kg (810 lb) @ 4856 mm (191 in)	707 kg (1559 lb)	467 kg (1030 lb)	464 kg (1022 lb) @ 4027 mm (159 in)	347 kg (766 lb) @ 4856 mm (191 in)

SW 17

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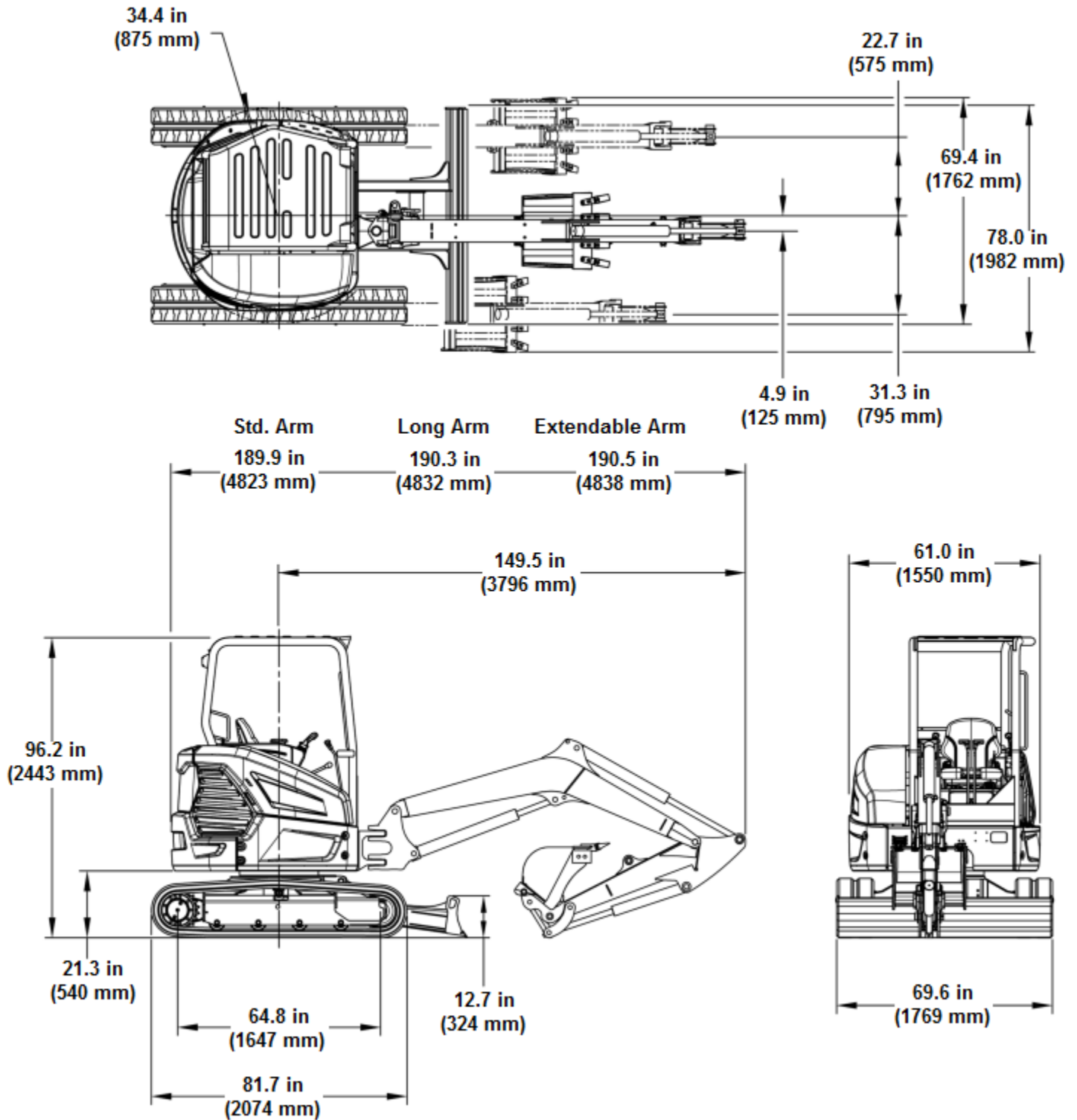


SW 17

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E35 R-Series (33HP) Bobcat Excavator Sales Specifications

Machine Dimensions

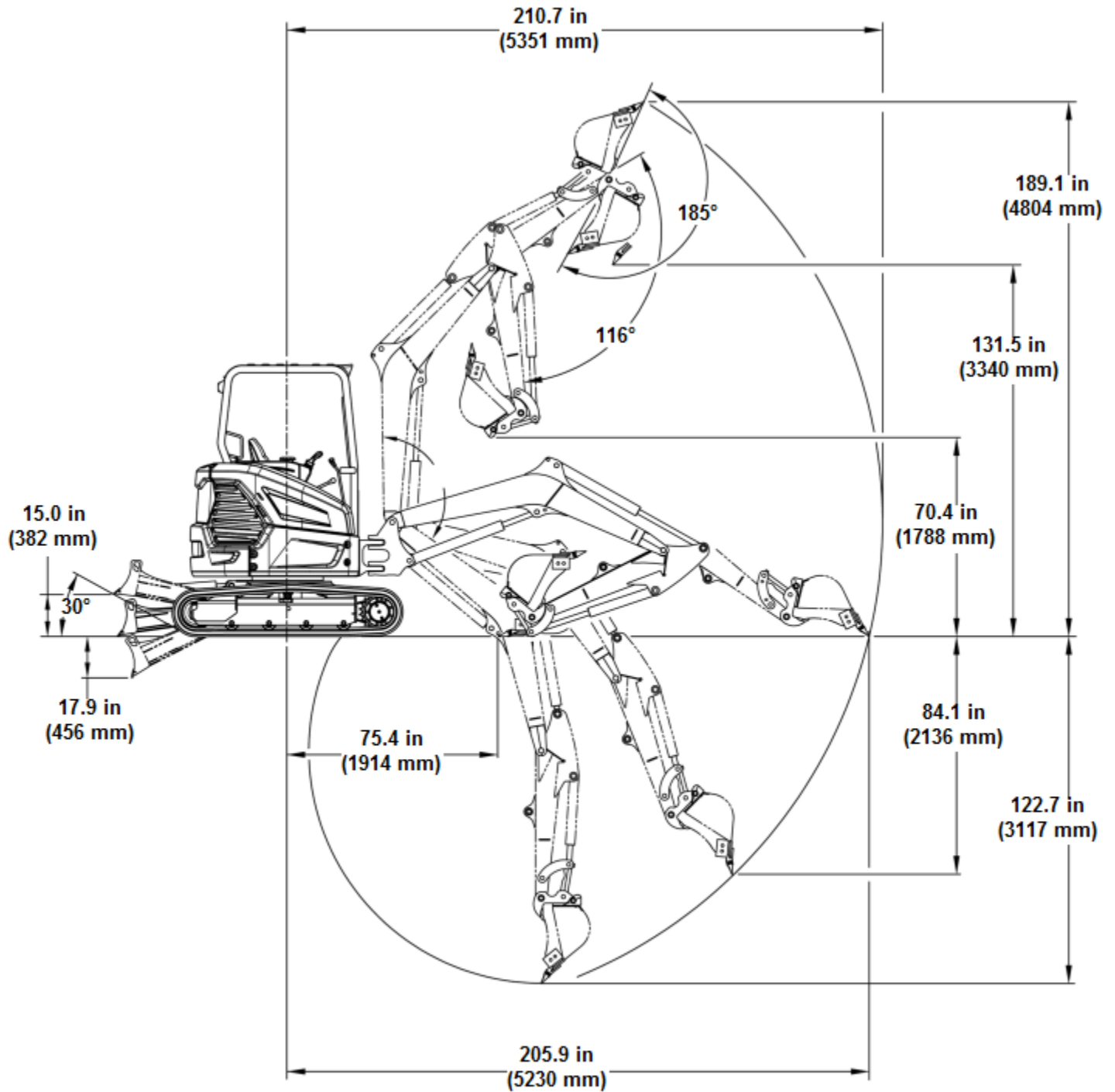


NA15596

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

E35R Bobcat Excavator Specifications (cont'd)

Standard Arm Machine Dimensions – (Arm length = 52.2")

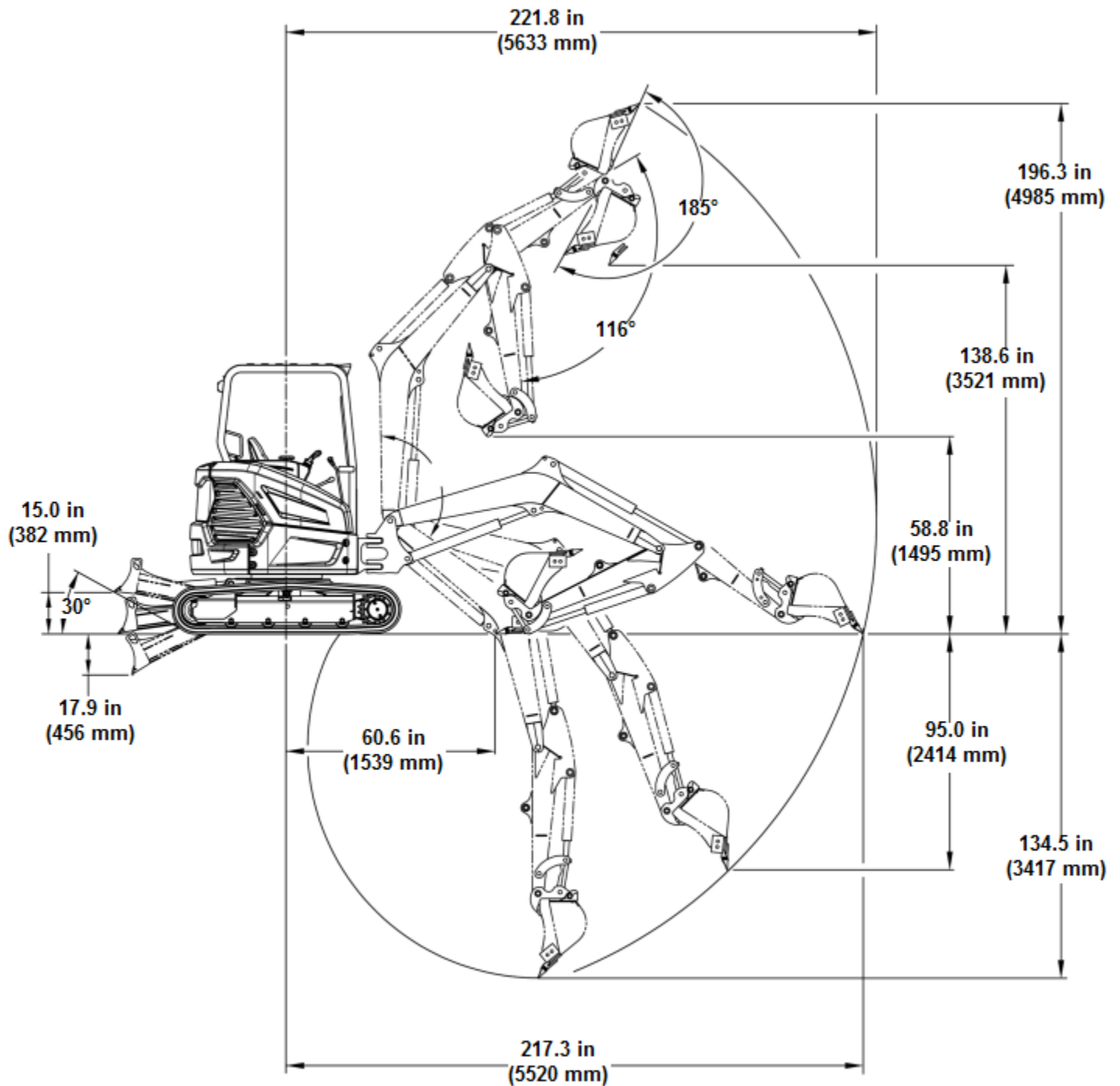


NA13597

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

E35R Bobcat Excavator Specifications (cont'd)

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

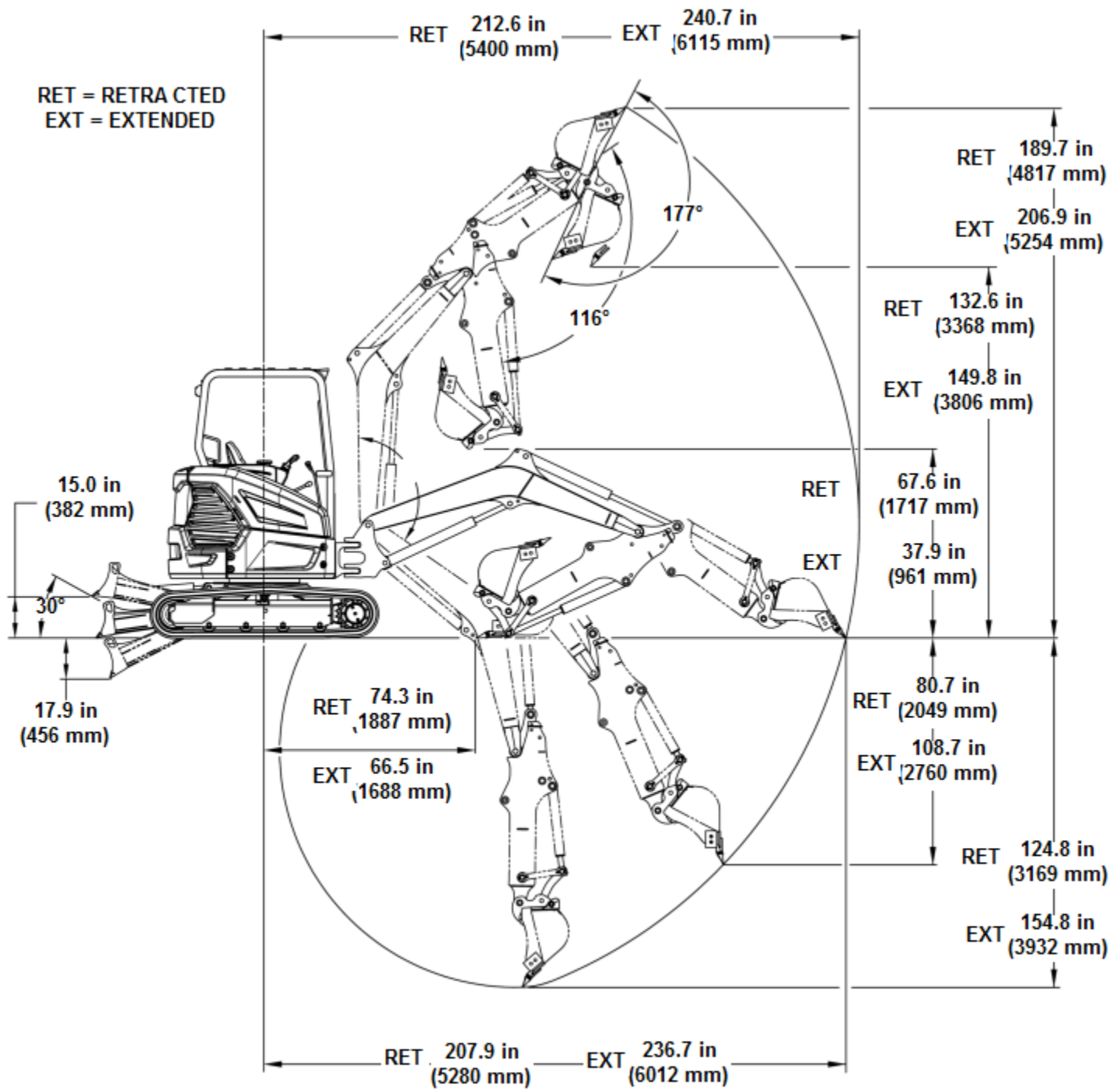


NA13597

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

E35R Bobcat Excavator Specifications (cont'd)

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

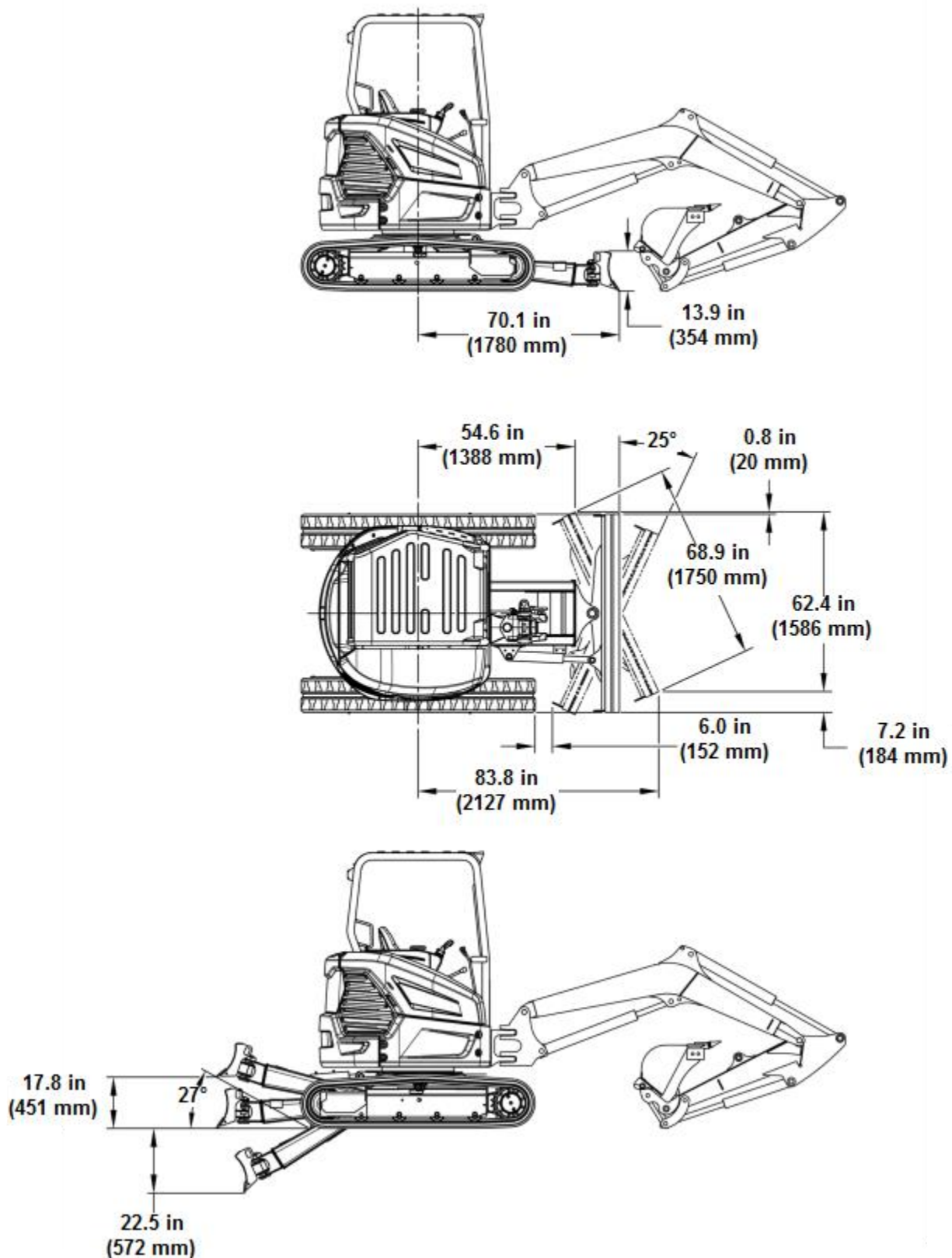


NA13598

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

E35R Bobcat Excavator Specifications (cont'd)

Excavator Machine Dimensions – Angle Blade Option



NA13599

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

E35R 33HP Bobcat Excavator Specifications (cont'd)

Performance

E35 33HP	
Operating Weight: Includes canopy w / rubber tracks, 24" (609 mm) trenching bucket, fluids full, and 165 lb. (75 kg) operator	7909 lb. (3587 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 Option (with enlarged counterweight), add 678 lb. (308 kg); Extendable Arm Option (with enlarged counterweight), add 898 lb. (407 kg) Angle Blade Option, add 251 lb. (114 kg); Steel tracks, add 212 lb. (96 kg); Additional Counterweight (applicable to standard arm only) 642 lb. (291 kg)
Travel speed (Low / High)	1.6 mph / 2.9 mph (4.7 km/h / 2.6 km/h)
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, Std CTW - Long Arm/Extendable Arm w/ Heavy CTW	0.0 in (0 mm) ZTS 3.5 in (89 mm)

Controls

Steering	Two hand levers / foot pedals
Hydraulics	Two hand operated levers (joysticks) control boom, bucket, arm and slew
Blade	Hand lever
Angle Blade (If Equipped)	Switch on blade 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	Automatic 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

E35R 33HP Bobcat Excavator Specifications (cont'd)

Engine

Make / Model	Bobcat / 1.8 L Bobcat Engine – Turbocharged, Tier 4 Non DPF
Fuel / Cooling	Diesel / Liquid
Horsepower @2400 rpm <ul style="list-style-type: none"> - SAE J1349 Net - ISO 14396 Gross - SAE J1995 Gross 	31.2 hp (23.3 kW) 33.0 hp (24.6 kW) 33.5 hp (25.0 kW)
Torque (SAE J1995 Gross)	81.1 ft-lb (110.0 N•m) @ 1600 rpm
Number of Cylinders	3
Displacement	109.5 in ³ (1.794 L)
Bore / Stroke	3.54 x 3.70 in (90 x 94 mm)
Lubrication	Pressure System with Filter
Crankcase Ventilation	Closed Breathing
Air Cleaner	Dry replaceable paper dual cartridge
Ignition	Diesel-Compression
Low Idle Speed	1200 rpm +/- 25 rpm
High Idle Speed	2400 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	1.8 U.S. gal (6.8 L)
Engine Oil and Filter	6.7 qt (6.3 L)
Final Drive (each)	0.55 qt (0,5 L)

Slew System

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

E35R 33HP 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	26.6 U.S. gpm (100.8 L/min) 2.5 U.S. gpm (9.6 L/min)
Auxiliary Flow, Maximum (AUX3) Medium (AUX2) Low (AUX1)	16.9 U.S. gpm (3,9 L/min) 65% - 75% of Maximum flow 25% - 35% of Maximum flow
Auxiliary Flow (optional 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, Auxiliary 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 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)
Angle Blade (If Equipped) Port Relief Base End & Rod 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)

E35R 33HP Bobcat Excavator Specifications (cont'd)

Undercarriage

Overall Width of Crawler	68.9 in (1750 mm)	
Final Drive	Each track is driven by hydrostatic axial piston motor	
Type of Reduction	48.6:1 two stage planetary	
Max Draw Bar Pull (@ 90% efficiency)	7658 lbf (34034 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	43
Number of Track Rollers (per side)	4	4
Ground Pressure Rubber Tracks - Standard Arm - Long Arm - Extendable Arm	4.74 psi (32,7 kPa) (0327 bar) 5.15 psi (35,5 kPa) (0,355 bar) 5.28 psi (36,4 kPa) (0,364 bar)	
Steel Tracks - Standard Arm - Long Arm - Extendable Arm	4.87 psi (33,6 kPa) (0,336 bar) 5.27 psi (36,4 kPa) (0,364 bar) 5.40 psi (37,3 kPa) (0,373 bar)	

Electrical

Starting Aid	Glow Plugs
Alternator	12 volt, 90 Amp open frame w / internal regulator
Battery	12 volt - 540 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>

E35R 25HP Bobcat Excavator Specifications (cont'd)

E35R Standard Arm, Standard Counterweight

Machine with canopy and rubber tracks, without bucket.

E35

①

②

A

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

B

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)

*737 kg
(1625 lb)

*771 kg
(1699 lb)

*890 kg
(1962 lb)

*977 kg
(2154 lb)

*1422 kg
(3136 lb)

*738 kg (1626 lb) @
4005 mm (158 in)

*780 kg (1674 lb) @
4453 mm (175 in)

*800 kg (1763 lb) @
4586 mm (181 in)

*853 kg (1880 lb) @
4439 mm (175 in)

*918 kg (2024 lb) @
3972 mm (156 in)

770 kg
(1696 lb)

722 kg
(1591 lb)

695 kg
(1533 lb)

684 kg
(1529 lb)

500 kg
(1101 lb)

493 kg
(1086 lb)

476 kg
(1050 lb)

464 kg
(1022 lb)

499 kg (1100 lb) @
4005 mm (158 in)

416 kg (916 lb) @
4453 mm (175 in)

389 kg (858 lb) @
4586 mm (181 in)

403 kg (888 lb) @
4439 mm (175 in)

471 kg (1038 lb) @
3972 mm (156 in)

486 kg
(1071 lb)

746 kg
(1644 lb)

698 kg
(1539 lb)

672 kg
(1482 lb)

671 kg
(1480 lb)

485 kg (1068 lb) @
4005 mm (158 in)

404 kg (890 lb) @
4453 mm (175 in)

379 kg (835 lb) @
4586 mm (181 in)

391 kg (861 lb) @
4439 mm (175 in)

457 kg (1007 lb) @
3972 mm (156 in)



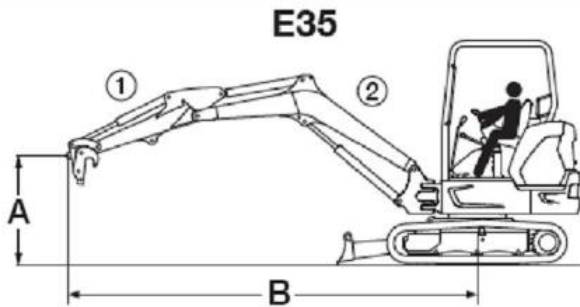
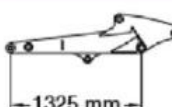

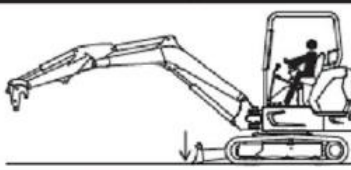
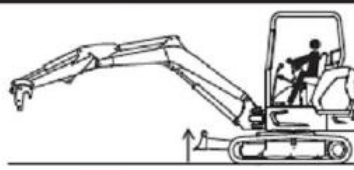
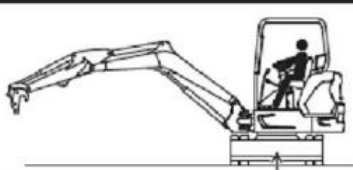

SW 17

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E35R 25HP Bobcat Excavator Specifications (cont'd)

E35R Standard Arm, Heavy Counterweight

Machine with canopy and rubber tracks, without bucket.

				<div>E35</div> 					
①	 <div>1325 mm (52.2 in)</div>	②	 <div>2450 mm (96.4 in)</div>						
A									
	B		B		B				
	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B
4000 mm (157.5 in)									
3000 mm (118.1 in)		*737 kg (1625 lb)	*736 kg (1626 lb) @ 4005 mm (158 in)		606 kg (1336 lb)	605 kg (1333 lb) @ 4005 mm (158 in)		589 kg (1298 lb)	587 kg (1295 lb) @ 4005 mm (158 in)
2000 mm (78.7 in)	*903 kg (1991 lb)	*771 kg (1699 lb)	*760 kg (1674 lb) @ 4453 mm (175 in)	*903 kg (1991 lb)	599 kg (1321 lb)	509 kg (1121 lb) @ 4453 mm (175 in)	*903 kg (1991 lb)	582 kg (1283 lb)	494 kg (1090 lb) @ 4453 mm (175 in)
1000 mm (39.4 in)	*1262 kg (2781 lb)	*890 kg (1962 lb)	*800 kg (1763 lb) @ 4586 mm (181 in)	877 kg (1933 lb)	582 kg (1283 lb)	479 kg (1057 lb) @ 4586 mm (181 in)	848 kg (1870 lb)	566 kg (1247 lb)	466 kg (1027 lb) @ 4586 mm (181 in)
Ground	*1466 kg (3232 lb)	*977 kg (2154 lb)	*853 kg (1880 lb) @ 4439 mm (175 in)	850 kg (1873 lb)	570 kg (1257 lb)	496 kg (1093 lb) @ 4439 mm (175 in)	822 kg (1812 lb)	554 kg (1220 lb)	482 kg (1062 lb) @ 4439 mm (175 in)
-1000 mm (-39.4 in)	*1422 kg (3136 lb)		*916 kg (2024 lb) @ 3972 mm (156 in)	849 kg (1872 lb)		578 kg (1273 lb) @ 3972 mm (156 in)	821 kg (1811 lb)		561 kg (1237 lb) @ 3972 mm (156 in)
<div>* </div>									
						SW 17		7279872A	

E35R 25HP Bobcat Excavator Specifications (cont'd)

E35R Long Arm, Heavy Counterweight

Machine with canopy and rubber tracks, without bucket.

E35

①

1625 mm
(64.0 in)

②

2450 mm
(96.4 in)

A

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

kg (lb) @
max. B

B

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)

*661 kg (1458 lb) @
3506 mm (138 in)

*626 kg
(1381 lb)

*767 kg
(1692 lb)

*1148 kg
(2534 lb)

*1420 kg
(3130 lb)

*1455 kg
(3207 lb)

*663 kg (1462 lb) @
4336 mm (171 in)

*694 kg
(1531 lb)

*833 kg
(1836 lb)

*949 kg
(2093 lb)

*955 kg
(2106 lb)

*652 kg (1437 lb) @
4746 mm (187 in)

*693 kg (1527 lb) @
4868 mm (192 in)

*777 kg (1713 lb) @
4732 mm (186 in)

*848 kg
(1868 lb)

*839 kg
(1850 lb)

*640 kg (1453 lb) @
4306 mm (170 in)

*661 kg (1458 lb) @
3506 mm (138 in)

*626 kg
(1381 lb)

*767 kg
(1692 lb)

883 kg
(1946 lb)

848 kg
(1868 lb)

839 kg
(1850 lb)

*661 kg (1458 lb) @
3506 mm (138 in)

*626 kg
(1381 lb)

*694 kg
(1531 lb)

582 kg
(1283 lb)

566 kg
(1247 lb)

562 kg
(1238 lb)

536 kg (1182 lb) @
4336 mm (171 in)

461 kg (1017 lb) @
4746 mm (187 in)

437 kg (962 lb) @
4868 mm (192 in)

449 kg (990 lb) @
4732 mm (186 in)

510 kg (1124 lb) @
4306 mm (170 in)

*661 kg (1458 lb) @
3506 mm (138 in)

*626 kg
(1381 lb)

*767 kg
(1692 lb)

854 kg
(1883 lb)

819 kg
(1806 lb)

812 kg
(1789 lb)

*661 kg (1458 lb) @
3506 mm (138 in)

*626 kg
(1381 lb)

584 kg
(1288 lb)

565 kg
(1245 lb)

549 kg
(1210 lb)

545 kg
(1202 lb)

*661 kg (1458 lb) @
3506 mm (138 in)

521 kg (1149 lb) @
4336 mm (171 in)

449 kg (989 lb) @
4746 mm (187 in)

425 kg (936 lb) @
4868 mm (192 in)

437 kg (962 lb) @
4732 mm (186 in)

496 kg (1093 lb) @
4306 mm (170 in)

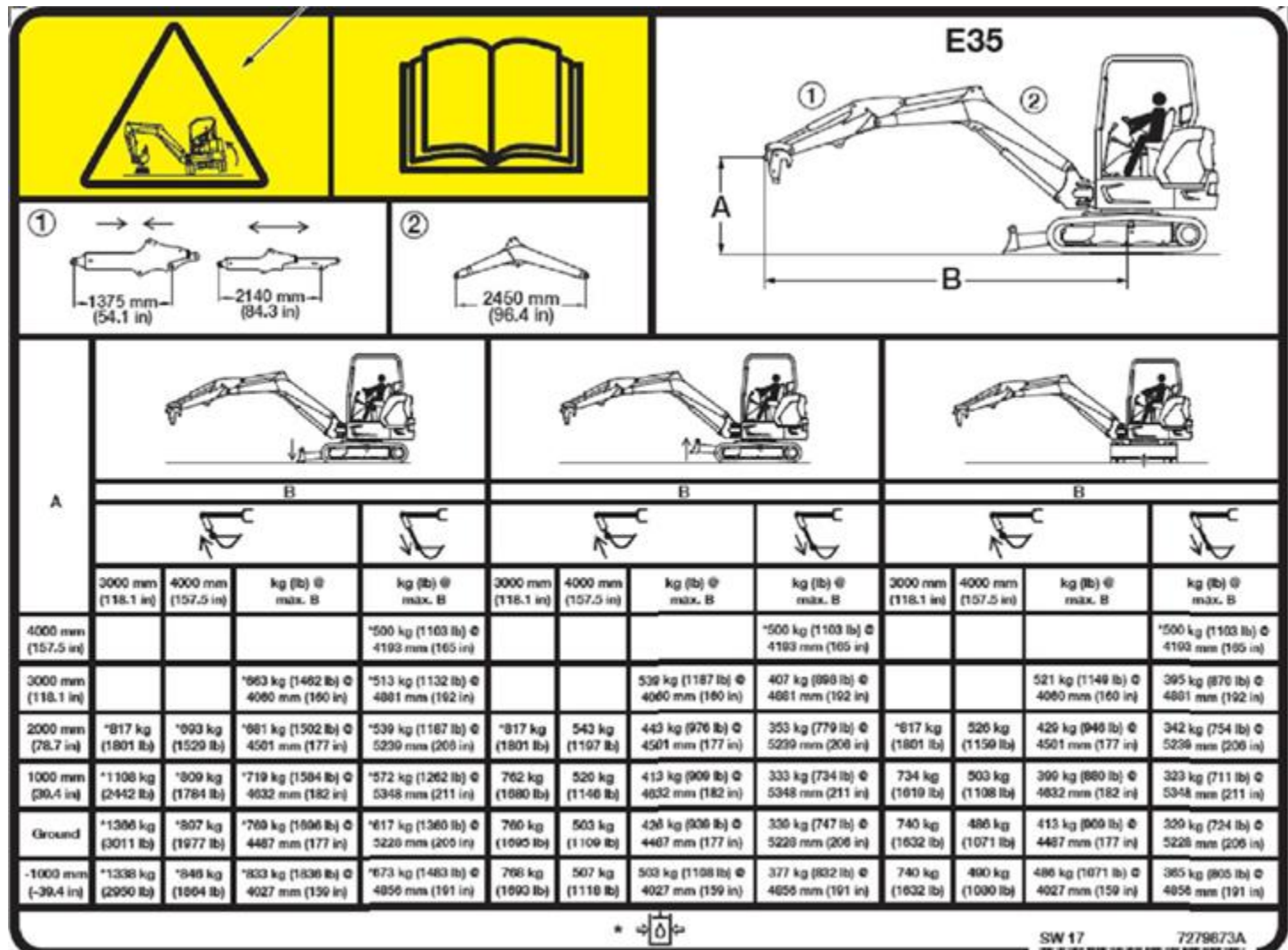
SW 17

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E35R 25HP Bobcat Excavator Specifications (cont'd)

E35R Extendable Arm, Heavy Counterweight

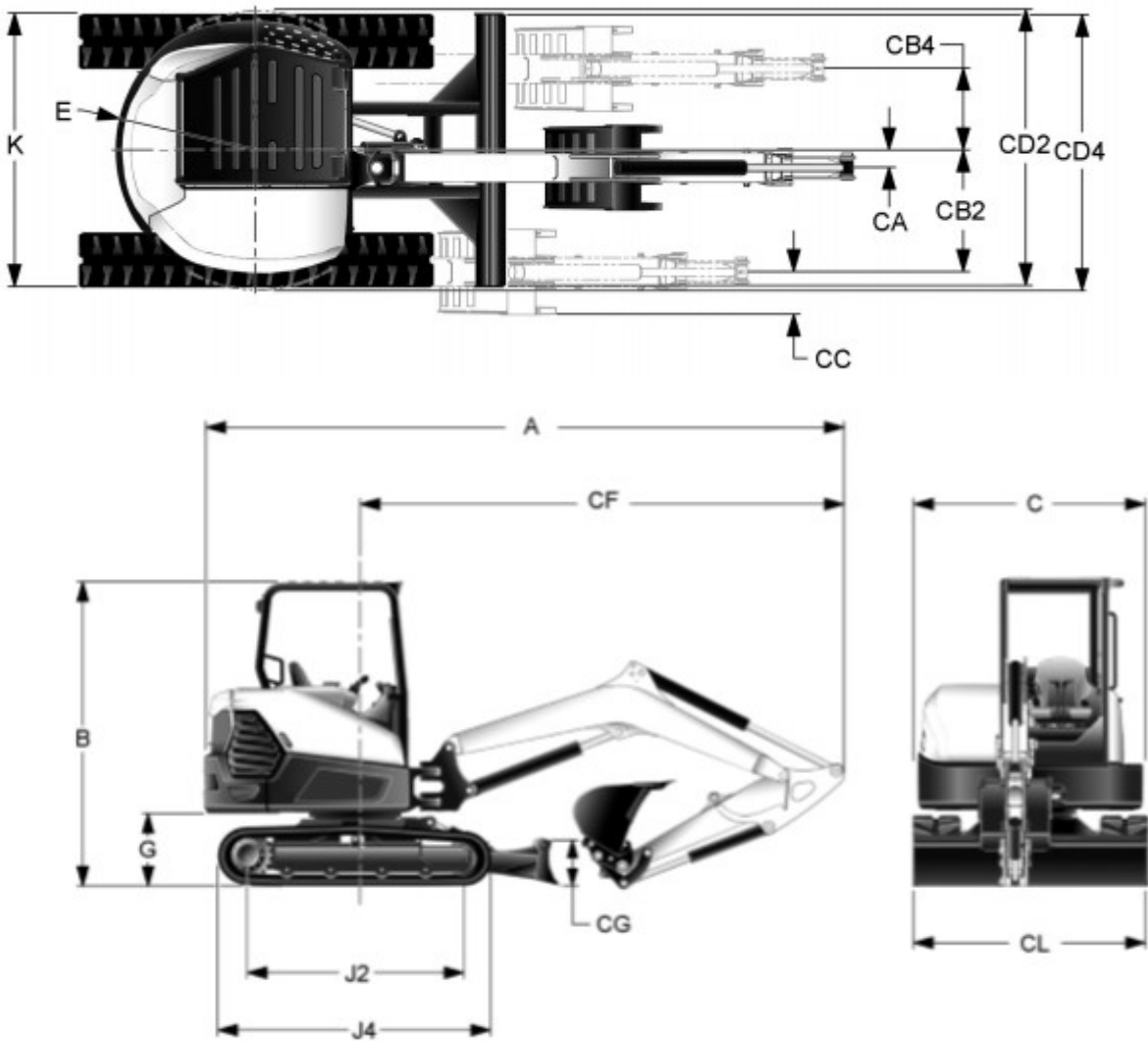
Machine with canopy and rubber tracks, without bucket.



EXCAVATOR SPECIFICATIONS

E42-R2 Excavator Machine Dimensions

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



REF	DESCRIPTION	WITH STANDARD ARM	WITH LONG ARM	WITH EXTENDABLE ARM
A	OVERALL LENGTH	5092 mm (200.5 in)	5124 mm (201.7 in)	5113 mm (201.3 in)
B	OVERALL HEIGHT	2518 mm (99.1 in)	2518 mm (99.1 in)	2518 mm (99.1 in)
C	WIDTH OF UPPERSTRUCTURE	1849 mm (72.8 in)	1849 mm (72.8 in)	1849 mm (72.8 in)
E	SLEW CLEARANCE, REAR OF UPPERSTRUCTURE	1230 mm (48.4 in)	1250 mm (49.2 in)	1250 mm (49.2 in)
G	CLEARANCE, UPPERSTRUCTURE TO GROUNDLINE	616 mm (24.3 in)	601 mm (23.7 in)	601 mm (23.7 in)
J2	NOMINAL DISTANCE BETWEEN CENTERLINES OF DRIVE SPROCKETS AND IDLERS	1806 mm (71.1 in)	1806 mm (71.1 in)	1806 mm (71.1 in)
J4	NOMINAL OVERALL LENGTH OF TRACK ASSEMBLY	2263 mm (89.1 in)	2263 mm (89.1 in)	2263 mm (89.1 in)
K	OVERALL WIDTH OF CRAWLER	1850 mm (72.8 in)	1850 mm (72.8 in)	1850 mm (72.8 in)
CA	MACHINE CENTERLINE TO WORKING EQUIPMENT CENTERLINE, NORMAL OPERATION	125 mm (4.9 in)	125 mm (4.9 in)	125 mm (4.9 in)
CB2	MACHINE CENTERLINE TO WORKING EQUIPMENT CENTERLINE, WORK WIDTH AT MAX RH ROTATION	631 mm (24.8 in)	631 mm (24.8 in)	631 mm (24.8 in)
CB4	MACHINE CENTERLINE TO WORKING EQUIPMENT CENTERLINE, WORK WIDTH AT MAX LH ROTATION	394 mm (15.5 in)	394 mm (15.5 in)	394 mm (15.5 in)
CC	BUCKET EDGE TO WORKING EQUIPMENT CENTERLINE	305 mm (12.0 in)	305 mm (12.0 in)	305 mm (12.0 in)
CD2	WORKING WIDTH MAX RH ROTATION	2146 mm (84.5 in)	2165 mm (85.2 in)	2165 mm (85.2 in)
CD4	WORKING WIDTH MAX LH ROTATION	2094 mm (82.4 in)	2109 mm (83.0 in)	2109 mm (83.0 in)
CF	MIN. RADIUS IN TRAVEL POSITION	3862 mm (152.1 in)	3874 mm (152.5 in)	3862 mm (152.1 in)
CG	BLADE HEIGHT	373 mm (14.7 in)	373 mm (14.7 in)	373 mm (14.7 in)
CL	BLADE WIDTH	1850 mm (72.8 in)	1850 mm (72.8 in)	1850 mm (72.8 in)

**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.*

E42-R2 Excavator Working Range Dimensions



EXCAVATOR SPECIFICATIONS (CONT'D)

E42-R2 Working Range Specifications

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

REF	DESCRIPTION	WITH STANDARD ARM	WITH LONG ARM	WITH EXTENDABLE ARM RETRACTED	WITH EXTENDABLE ARM EXTENDED
AA	MAX. RADIUS AT GROUNDLINE	5261 mm (207.1 in)	5550 mm (218.5 in)	5261 mm (207.1 in)	5831 mm (229.6 in)
AB	MAX. DIGGING DEPTH	3163 mm (124.5 in)	3463 mm (136.3 in)	3162,8 mm (124.52 in)	3769 mm (148.4 in)
AF	MAX. DEPTH OF VERTICAL WALL THAT CAN BE EXCAVATED.	2159 mm (85.0 in)	2440 mm (96.1 in)	1760 mm (69.3 in)	2311 mm (91.0 in)
AG	BUCKET FLAT ON GROUNDLINE	1975 mm (77.7 in)	1856 mm (73.1 in)	1975 mm (82.1 in)	1742 mm (68.6 in)
AQ	BOOM PIVOT ANGLE	126°	126°	126°	126°
AR	ARM PIVOT ANGLE	112°	112°	112°	112°
AS	BUCKET PIVOT ANGLE	186°	186°	179°	179°
BA	MAX. RADIUS OF WORKING EQUIPMENT	5404 mm (212.8 in)	5685 mm (223.8 in)	5404 mm (212.8 in)	5959 mm (234.6 in)
BB	MAX. HEIGHT OF WORKING EQUIPMENT	5166 mm (203.4 in)	5348 mm (210.6 in)	5126 mm (201.8 in)	5458 mm (214.9 in)
BE	MIN. CLEARANCE OF FULLY CURLED BUCKET AT MAX. BOOM HEIGHT	1992 mm (78.4 in)	1702 mm (67.0 in)	2003 mm (78.9 in)	1407 mm (55.4 in)
BM	MIN. CLEARANCE OF FULLY CURLED BUCKET AT MAX. ARM HEIGHT	3826 mm (150.6 in)	4008 mm (157.8 in)	3834 mm (151.0 in)	4166 mm (164.0 in)
CP	MAX. APPROACH ANGLE	25°	25°	25°	25°
CQ	MAX. BLADE HEIGHT	363 mm (14.3 in)	363 mm (14.3 in)	363 mm (14.3 in)	363 mm (14.3 in)
CR	MAX. BLADE DEPTH	509 mm (20.0 in)	509 mm (20.0 in)	509 mm (20.0 in)	509 mm (20.0 in)

**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*

EXCAVATOR SPECIFICATIONS (CONT'D)

Performance

Operating weight (for canopy, rubber tracks, counterweight, standard bucket, and no operator)	4459 kg (9830 lb)
If equipped with the following	Cab with Heater, add 110 kg (242 lb) Cab with HVAC, add 129 kg (284 lb) Steel Tracks, add 10 kg (22 lb) Long Arm With Add On Counterweight, add 270 kg (595 lb) Add On Counterweight, add 200 (441 lb) Extendable Arm With Add On Counterweight, add 379 kg (836 lb) Angle Blade, add 157 kg (346 lb)
Travel speed (Low / High)	2,6 km/h / 5,2 km/h (1.6 mph / 3.3 mph)
Digging Force (per ISO 6015) (standard arm)	25889 N (5820 lbf)
Digging Force (per ISO 6015) (long arm)	22610 N (5083 lbf)
Digging Force (per ISO 6015) (extendable arm retracted)	26031 N (5852 lbf)
Digging Force (per ISO 6015) (extendable arm extended)	20048 N (4507 lbf)
Digging Force (per ISO 6015) (bucket)	42707 N (9601 lbf)

Control Specifications

Steering	Two hand levers (optional foot pedals)
Hydraulics	Two hand-operated joysticks control boom, bucket, arm, and upperstructure slew. Thumb switch controls auxiliary hydraulics and boom swing.
Standard Blade	Hand lever
Angle Blade (if equipped)	Switch on blade lever
Two Speed	Switch on blade lever
Boom Swing	Electric switch on left joystick
Auxiliary Hydraulics	Electric switches on joysticks
Engine	Engine speed control dial with auto idle feature, key or keyless start switch.
Starting Aid	Glow Plugs – activated by start switch
Travel Brakes (Service & Parking)	Hydraulic lock in motor circuit

EXCAVATOR SPECIFICATIONS (CONT'D)

Engine Specifications

Make / Model	1.8 L Engine, V2, Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower:	
– Gross power (ISO 14396)	31,0 kW (42.0 hp)
– Gross power (SAE J1995)	31,4 kW (42.6 hp)
– Rated Power (SAE J1349)	31,0 kW (42.0 hp)
Torque:	
– Gross Torque (ISO 14396)	155,2 N•m (114.4 lb-ft)
– Gross Torque (SAE J1995)	157,2 N•m (115.9 lb-ft)
– Rated Torque	155,0 N•m (114.3 lb-ft)
Number Of Cylinders	3
Displacement	1,794 L (109.5 in³)
Bore / Stroke	90.0 x 94.0 mm (3.54 x 3.70 in)
Lubrication	Forced lubrication / cartridge type
Crankcase Ventilation	Closed breathing
Air Filter	Dual dry replacement paper elements
Ignition	Diesel – Compression
Low Idle Speed	1220 ± 25 rpm
High Idle Speed	2200 max rpm
Engine Coolant	Propylene Glycol / water mixture (53% PG / 47% water)

Hydraulic System Specifications

Pump Type	single outlet variable displacement piston pump with gear pumps
Pump Capacity	99,1 L/min (26.2 gal/min)
Auxiliary Flow	75,7 L/min (20.0 U.S. gpm)
2nd Auxiliary Flow	45,4 L/min (12.0 U.S. gpm)
Control Valves	closed center individually compensated
System Relief Pressure	250 bar (3625 psi)
Slew Relief Pressure	245 psi (3553 psi)

EXCAVATOR SPECIFICATIONS (CONT'D)

Hydraulic System Specifications (Cont'd)

Joystick Control Pressure	30 bar (435 psi)
Arm Port Relief, Base End And Rod End	290 bar (4206 psi)
Boom Port Relief, Base End And Rod End	290 bar (4206 psi)
Bucket Port Relief Base End And Rod End	290 bar (4206 psi)
Blade Port Relief Based End	260 bar (3771 psi)
Angle Blade (If Equipped) Port Relief Base End And Rod End	260 bar (3771 psi)
Main Hydraulic Filter Bypass	3.4 bar (50 psi)
Case Drain Filter Bypass	1.7 bar (25 psi)
Auxiliary Relief	210 bar (3045 psi)

Hydraulic Cylinders Specifications

Cylinder	Bore	Rod	Stroke
Boom (cushion up)	95,3 mm (3.75 in)	50,8 mm (2.00 in)	697,2 mm (27.45 in)
Arm (cushion retract / extend)	82,6 mm (3.25 in)	50,8 mm (2.00 in)	643,9 mm (25.35 in)
Bucket	76,2 mm (3.00 in)	44,5 mm (1.75 in)	524,0 mm (20.63 in)
Boom Swing	88,9 mm (3.50 in)	44,5 mm (1.75 in)	490,7 mm (19.32 in)
Blade	95,3 mm (3.75 in)	50,8 mm (2.00 in)	218,2 mm (8.59 in)
Angle Blade (If Equipped)	63,5 mm (2.50 in)	38,1 mm (1.50 in)	422,9 mm (16.65 in)
Extendable Arm (cushion retract / extend) (If Equipped)	57,2 mm (2.25 in)	38,1 mm (1.50 in)	607,1 mm (23.90 in)

Hydraulic Cycle Times

Bucket Curl	2.8 seconds
Bucket Dump	2.2 seconds
Arm Retract	3.4 seconds
Arm Extend	3.1 seconds
Boom Raise	5.1 seconds
Boom Lower	3.5 seconds
Boom Swing Left	4.2 seconds
Boom Swing Right	4.5 seconds
Blade Raise	3.8 seconds
Blade Lower	3.1 seconds
Angle Blade Left (If Equipped)	2.0 seconds

EXCAVATOR SPECIFICATIONS (CONT'D)

Hydraulic Cycle Times (Cont'd)

Angle Blade Right (If Equipped)	2.1 seconds
Extendable Arm Retract (If Equipped)	1.2 seconds
Extendable Arm Extend (If Equipped)	1.3 seconds

Electrical System Specifications

Starting Aid	Glow Plugs
Alternator	12 volt, 90 amp open frame with internal regulator
Battery	12 volt negative ground, 650 CCA at -18°C (0°F), 115 min reserve capacity at 25 amp
Starter	12 volt, 2.0 kW reduction drive
Lights (2)	37.5 watt (each)

Drive System Specifications

Final Drive	Each track driven by hydraulic axial piston motor
Drive Reduction	45.4:1 two-stage planetary
Gradeability	28°
Travel Brakes	Hydraulic lock on motor

Slew System Specifications

Slew Motor	Axial piston connected to a planetary drive
Slew Circle	Single-row shear-type ball bearings with internal gear
Slew Speed	9,0 rpm

Undercarriage Specifications

Crawler Track Design	Sealed track rollers with box-section track roller frame
Track Adjuster	Grease type track adjusters with shock absorbing recoil springs
Width of Crawler	1850 mm (72.8 in)

EXCAVATOR SPECIFICATIONS (CONT'D)

Capacities Specifications

Fuel Tank	72,0 L (19.0 gal)
Hydraulic Reservoir	15,1 L (4.00 gal)
Hydraulic System Capacity (Center of Sight Glass)	54,9 L (14.50 gal)
Cooling System	7,6 L (2.00 gal)
Engine Oil and Filter	6,3 L (6.70 qt)

Track Specifications

Type	Rubber	Steel
Width	350 mm (13.8 in)	300 mm (11.8 in)
Number of Shoes	Single Assembly	47
Number of Track Rollers (per side)	4	4

Ground Pressure Specifications

	Rubber Tracks	Steel Tracks
Standard Arm	32,3 kPa (4.68 psi)	37,7 kPa (5.47 psi)
Long Arm	34,2 kPa (4.96 psi)	39,9 kPa (5.79 psi)
Extendable Arm	35,0 kPa (5.07 psi)	40,9 kPa (5.93 psi)

RATED LIFT CAPACITY-Standard Arm and Light Counterweight

*Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

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)

*1129 kg (2489 lb) @
3438 mm (135 in)

912 kg (2011 lb) @
3438 mm (135 in)

842 kg (1856 lb) @
3438 mm (135 in)

3000 mm (118.1 in)

*1089 kg (2401 lb)

*1104 kg (2434 lb)

*1110 kg (2447 lb) @
4212 mm (166 in)

*1089 kg (2401 lb)

717 kg (1581 lb)

654 kg (1442 lb) @
4212 mm (166 in)

1068 kg (2355 lb)

660 kg (1455 lb)

602 kg (1327 lb) @
4212 mm (166 in)

2000 mm (78.7 in)

*1499 kg (3305 lb)

*1217 kg (2683 lb)

*1113 kg (2454 lb) @
4587 mm (181 in)

1121 kg (2471 lb)

708 kg (1561 lb)

563 kg (1241 lb) @
4587 mm (181 in)

1023 kg (2255 lb)

649 kg (1431 lb)

516 kg (1138 lb) @
4587 mm (181 in)

1000 mm (39.4 in)

*1997 kg (4403 lb)

*1399 kg (3084 lb)

*1206 kg (2659 lb) @
4680 mm (184 in)

1069 kg (2357 lb)

690 kg (1521 lb)

540 kg (1190 lb) @
4680 mm (184 in)

967 kg (2132 lb)

629 kg (1387 lb)

493 kg (1087 lb) @
4680 mm (184 in)

Ground

*2232 kg (4921 lb)

*1507 kg (3322 lb)

*1280 kg (2822 lb) @
4512 mm (178 in)

1053 kg (2321 lb)

682 kg (1504 lb)

571 kg (1259 lb) @
4512 mm (178 in)

945 kg (2083 lb)

618 kg (1362 lb)

519 kg (1144 lb) @
4512 mm (178 in)

-1000 mm (-39.4 in)

*3538 kg (7800 lb)

*2123 kg (4680 lb)

*1385 kg (3053 lb)

*1354 kg (2985 lb) @
4042 mm (159 in)

2209 kg (4870 lb)

1074 kg (2368 lb)

696 kg (1534 lb)

686 kg (1512 lb) @
4042 mm (159 in)

1901 kg (4191 lb)

959 kg (2114 lb)

629 kg (1387 lb)

620 kg (1367 lb) @
4042 mm (159 in)

42

SW 19

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RATED LIFT CAPACITY-Standard Arm and Medium Counterweight

*Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

①

②

A

B

B



B

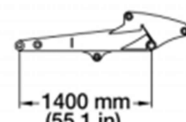
	2000 mm (78.7 in)	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B	2000 mm (78.7 in)	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B	2000 mm (78.7 in)	3000 mm (118.1 in)	4000 mm (157.5 in)	kg (lb) @ max. B
4000 mm (157.5 in)				*1129 kg (2489 lb) @ 3438 mm (135 in)				1025 kg (2260 lb) @ 3438 mm (135 in)				950 kg (2094 lb) @ 3438 mm (135 in)
3000 mm (118.1 in)		*1089 kg (2401 lb)	*1104 kg (2434 lb)	*1110 kg (2447 lb) @ 4212 mm (166 in)		*1089 kg (2401 lb)	812 kg (1790 lb)	743 kg (1638 lb) @ 4212 mm (166 in)		*1089 kg (2401 lb)	750 kg (1653 lb)	686 kg (1512 lb) @ 4212 mm (166 in)
2000 mm (78.7 in)		*1499 kg (3305 lb)	*1217 kg (2683 lb)	*1113 kg (2454 lb) @ 4587 mm (181 in)		1261 kg (2780 lb)	804 kg (1772 lb)	644 kg (1420 lb) @ 4587 mm (181 in)		1154 kg (2544 lb)	739 kg (1629 lb)	592 kg (1305 lb) @ 4587 mm (181 in)
1000 mm (39.4 in)		*1997 kg (4403 lb)	*1399 kg (3084 lb)	*1206 kg (2659 lb) @ 4680 mm (184 in)		1211 kg (2670 lb)	787 kg (1735 lb)	620 kg (1367 lb) @ 4680 mm (184 in)		1099 kg (2423 lb)	720 kg (1587 lb)	568 kg (1252 lb) @ 4680 mm (184 in)
Ground		*2232 kg (4921 lb)	*1507 kg (3322 lb)	*1280 kg (2822 lb) @ 4512 mm (178 in)		1198 kg (2641 lb)	780 kg (1720 lb)	655 kg (1444 lb) @ 4512 mm (178 in)		1079 kg (2379 lb)	709 kg (1563 lb)	598 kg (1318 lb) @ 4512 mm (178 in)
-1000 mm (-39.4 in)	*3538 kg (7800 lb)	*2123 kg (4680 lb)	*1385 kg (3053 lb)	*1354 kg (2985 lb) @ 4042 mm (159 in)	2494 kg (5498 lb)	1221 kg (2692 lb)	795 kg (1753 lb)	784 kg (1728 lb) @ 4042 mm (159 in)	2154 kg (4749 lb)	1094 kg (2412 lb)	721 kg (1590 lb)	711 kg (1567 lb) @ 4042 mm (159 in)

42


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RATED LIFT CAPACITY-Standard Arm and Add on Counterweight

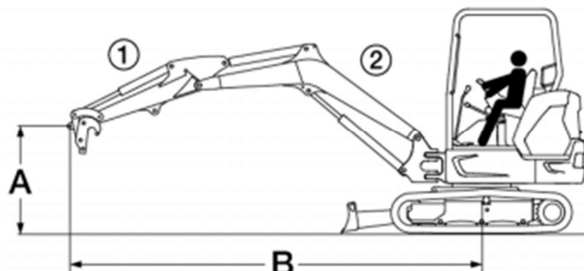





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


②



A	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)					*1129 kg (2489 lb) @ 3438 mm (135 in)					*1129 kg (2489 lb) @ 3438 mm (135 in)					1071 kg (2361 lb) @ 3438 mm (135 in)
3000 mm (118.1 in)		*1089 kg (2401 lb)	*1104 kg (2434 lb)		*1110 kg (2447 lb) @ 4212 mm (166 in)		*1089 kg (2401 lb)	920 kg (2028 lb)		844 kg (1861 lb) @ 4212 mm (166 in)		*1089 kg (2401 lb)	852 kg (1878 lb)		781 kg (1722 lb) @ 4212 mm (166 in)
2000 mm (78.7 in)		*1499 kg (3305 lb)	*1217 kg (2683 lb)		*1113 kg (2454 lb) @ 4587 mm (181 in)		1421 kg (3133 lb)	913 kg (2013 lb)		736 kg (1623 lb) @ 4587 mm (181 in)		1302 kg (2870 lb)	841 kg (1854 lb)		679 kg (1497 lb) @ 4587 mm (181 in)
1000 mm (39.4 in)		*1997 kg (4403 lb)	*1399 kg (3084 lb)		*1206 kg (2659 lb) @ 4680 mm (184 in)		1374 kg (3029 lb)	897 kg (1978 lb)		711 kg (1567 lb) @ 4680 mm (184 in)		1249 kg (2754 lb)	823 kg (1814 lb)		653 kg (1440 lb) @ 4680 mm (184 in)
Ground		*2232 kg (4921 lb)	*1507 kg (3322 lb)		*1280 kg (2822 lb) @ 4512 mm (178 in)		1363 kg (3005 lb)	891 kg (1964 lb)		751 kg (1656 lb) @ 4512 mm (178 in)		1230 kg (2712 lb)	814 kg (1795 lb)		687 kg (1515 lb) @ 4512 mm (178 in)
-1000 mm (-39.4 in)		*3538 kg (7800 lb)	*2123 kg (4680 lb)		*1354 kg (2985 lb) @ 4042 mm (159 in)		2820 kg (6217 lb)	1389 kg (3062 lb)		895 kg (1973 lb) @ 4042 mm (159 in)		2440 kg (5379 lb)	1248 kg (2751 lb)		815 kg (1797 lb) @ 4042 mm (159 in)

42


SW 19 7381711

RATED LIFT CAPACITY-Long Arm and Medium Counterweight

①

1700 mm
(66.9 in)

②

2650 mm
(104.3 in)

A					kg (lb) @ max. B					kg (lb) @ max. B					kg (lb) @ max. 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)				*966 kg (2130 lb) @ 3835 mm (151 in)				875 kg (1929 lb) @ 3835 mm (151 in)				810 kg (1786 lb) @ 3835 mm (151 in)			
3000 mm (118.1 in)			*963 kg (2123 lb)	*883 kg (1947 lb) @ 4528 mm (178 in)			829 kg (1828 lb)	669 kg (1475 lb) @ 4528 mm (178 in)		765 kg (1687 lb)		617 kg (1360 lb) @ 4528 mm (178 in)			
2000 mm (78.7 in)		*1300 kg (2966 lb)	*1105 kg (2436 lb)	*884 kg (1949 lb) @ 4874 mm (192 in)	1292 kg (2848 lb)	816 kg (1799 lb)	589 kg (1299 lb) @ 4874 mm (192 in)		1182 kg (2606 lb)	750 kg (1653 lb)		541 kg (1193 lb) @ 4874 mm (192 in)			
1000 mm (39.4 in)		*1844 kg (4065 lb)	*1316 kg (2901 lb)	*949 kg (2092 lb) @ 4961 mm (195 in)	1233 kg (2718 lb)	795 kg (1753 lb)	568 kg (1252 lb) @ 4961 mm (195 in)		1118 kg (2465 lb)	726 kg (1601 lb)		519 kg (1144 lb) @ 4961 mm (195 in)			
Ground	*2098 kg (4625 lb)	*2176 kg (4797 lb)	*1470 kg (3241 lb)	*1101 kg (2427 lb) @ 4804 mm (189 in)	*2098 kg (4625 lb)	1205 kg (2657 lb)	781 kg (1722 lb)	596 kg (1314 lb) @ 4804 mm (189 in)	2078 kg (4581 lb)	1084 kg (2390 lb)	710 kg (1565 lb)	543 kg (1197 lb) @ 4804 mm (189 in)			
-1000 mm (-39.4 in)	*3502 kg (7721 lb)	*2174 kg (4793 lb)	*1451 kg (3199 lb)	*1244 kg (2743 lb) @ 4373 mm (172 in)	2487 kg (5483 lb)	1219 kg (2687 lb)	787 kg (1735 lb)	694 kg (1530 lb) @ 4373 mm (172 in)	2143 kg (4724 lb)	1090 kg (2403 lb)	712 kg (1570 lb)	629 kg (1387 lb) @ 4373 mm (172 in)			

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EXCAVATOR SPECIFICATIONS (CONT'D)

RATED LIFT CAPACITY-Long Arm and Add on Counterweight

*Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

①

1700 mm
(66.9 in)

②

2650 mm
(104.3 in)

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)

*966 kg (2130 lb) @
3835 mm (151 in)

*966 kg (2130 lb) @
3835 mm (151 in)

905 kg (1995 lb) @
3835 mm (151 in)

3000 mm
(118.1 in)

*963 kg (2123 lb)
*883 kg (1947 lb) @
4528 mm (178 in)

925 kg (2039 lb)
751 kg (1656 lb) @
4528 mm (178 in)

856 kg (1887 lb)
695 kg (1532 lb) @
4528 mm (178 in)

2000 mm
(78.7 in)

*1300 kg (2966 lb)
*1105 kg (2436 lb)
*884 kg (1949 lb) @
4874 mm (192 in)

*1300 kg (2966 lb)
913 kg (2013 lb)
665 kg (1466 lb) @
4874 mm (192 in)

*1300 kg (2966 lb)
841 kg (1854 lb)
613 kg (1351 lb) @
4874 mm (192 in)

1000 mm
(39.4 in)

*1844 kg (4065 lb)
*1316 kg (2901 lb)
*949 kg (2092 lb) @
4961 mm (195 in)

1377 kg (3036 lb)
893 kg (1969 lb)
643 kg (1418 lb) @
4961 mm (195 in)

1251 kg (2758 lb)
818 kg (1803 lb)
590 kg (1301 lb) @
4961 mm (195 in)

Ground

*2098 kg (4625 lb)
*2176 kg (4797 lb)
*1470 kg (3241 lb)
*1101 kg (2427 lb) @
4804 mm (189 in)

*2098 kg (4625 lb)
1351 kg (2978 lb)
880 kg (1940 lb)
674 kg (1486 lb) @
4804 mm (189 in)

*2098 kg (4625 lb)
1219 kg (2687 lb)
802 kg (1768 lb)
617 kg (1360 lb) @
4804 mm (189 in)

-1000 mm
(-39.4 in)

*3502 kg (7721 lb)
*2174 kg (4793 lb)
*1451 kg (3199 lb)
*1244 kg (2743 lb) @
4373 mm (172 in)

2776 kg (6120 lb)
1367 kg (3014 lb)
887 kg (1955 lb)
783 kg (1726 lb) @
4373 mm (172 in)

2399 kg (5289 lb)
1227 kg (2705 lb)
806 kg (1777 lb)
713 kg (1572 lb) @
4373 mm (172 in)

42

SW 19

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EXCAVATOR SPECIFICATIONS (CONT'D)

RATED LIFT CAPACITY-Extendable Arm and Medium Counterweight

*Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

	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)			*1053 kg (2321 lb) @ 3438 mm (135 in)	*740 kg (1631 lb) @ 4201 mm (165 in)			978 kg (2156 lb) @ 3438 mm (135 in)	712 kg (1570 lb) @ 4201 mm (165 in)			900 kg (1984 lb) @ 3438 mm (135 in)	656 kg (1446 lb) @ 4201 mm (165 in)
3000 mm (118.1 in)	*1015 kg (2238 lb)	*1023 kg (2255 lb)	*1043 kg (2299 lb) @ 4212 mm (166 in)	*683 kg (1506 lb) @ 4832 mm (190 in)	*1015 kg (2238 lb)	757 kg (1669 lb)	686 kg (1512 lb) @ 4212 mm (166 in)	553 kg (1219 lb) @ 4832 mm (190 in)	*1015 kg (2238 lb)	694 kg (1530 lb)	628 kg (1384 lb) @ 4212 mm (166 in)	506 kg (1116 lb) @ 4832 mm (190 in)
2000 mm (78.7 in)	*1403 kg (3093 lb)	*1129 kg (2489 lb)	*1068 kg (2355 lb) @ 4587 mm (181 in)	*686 kg (1512 lb) @ 5154 mm (203 in)	1200 kg (2646 lb)	743 kg (1638 lb)	583 kg (1285 lb) @ 4587 mm (181 in)	486 kg (1071 lb) @ 5154 mm (203 in)	1090 kg (2403 lb)	677 kg (1493 lb)	530 kg (1168 lb) @ 4587 mm (181 in)	441 kg (972 lb) @ 5154 mm (203 in)
1000 mm (39.4 in)	*1879 kg (4142 lb)	*1302 kg (2870 lb)	*1124 kg (2478 lb) @ 4680 mm (184 in)	*736 kg (1623 lb) @ 5235 mm (206 in)	1130 kg (2491 lb)	718 kg (1583 lb)	556 kg (1226 lb) @ 4680 mm (184 in)	466 kg (1027 lb) @ 5235 mm (206 in)	1016 kg (2240 lb)	650 kg (1433 lb)	502 kg (1107 lb) @ 4680 mm (184 in)	421 kg (928 lb) @ 5235 mm (206 in)
Ground	*2104 kg (4638 lb)	*1406 kg (3100 lb)	*1188 kg (2619 lb) @ 4512 mm (178 in)	*849 kg (1872 lb) @ 5088 mm (200 in)	1108 kg (2443 lb)	707 kg (1559 lb)	589 kg (1299 lb) @ 4512 mm (178 in)	486 kg (1071 lb) @ 5088 mm (200 in)	988 kg (2178 lb)	636 kg (1402 lb)	530 kg (1168 lb) @ 4512 mm (178 in)	437 kg (963 lb) @ 5088 mm (200 in)
-1000 mm (-39.4 in)	*1999 kg (4407 lb)	*1287 kg (2837 lb)	*1258 kg (2773 lb) @ 4042 mm (159 in)	*1087 kg (2396 lb) @ 4689 mm (185 in)	1135 kg (2502 lb)	726 kg (1601 lb)	716 kg (1578 lb) @ 4042 mm (159 in)	560 kg (1235 lb) @ 4689 mm (185 in)	1007 kg (2220 lb)	651 kg (1435 lb)	642 kg (1415 lb) @ 4042 mm (159 in)	503 kg (1109 lb) @ 4689 mm (185 in)

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EXCAVATOR SPECIFICATIONS (CONT'D)

RATED LIFT CAPACITY-Extendable Arm and Add on Counterweight

*Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

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)			*1053 kg (2321 lb) @ 3438 mm (135 in)	*740 kg (1631 lb) @ 4201 mm (165 in)			*1053 kg (2321 lb) @ 3438 mm (135 in)	*740 kg (1631 lb) @ 4201 mm (165 in)			1009 kg (2224 lb) @ 3438 mm (135 in)	*740 kg (1631 lb) @ 4201 mm (165 in)
3000 mm (118.1 in)	*1015 kg (2238 lb)	*1023 kg (2255 lb)	*1043 kg (2299 lb) @ 4212 mm (166 in)	*683 kg (1506 lb) @ 4832 mm (190 in)	*1015 kg (2238 lb)	853 kg (1881 lb)	776 kg (1711 lb) @ 4212 mm (166 in)	629 kg (1387 lb) @ 4832 mm (190 in)	*1015 kg (2238 lb)	784 kg (1728 lb)	713 kg (1572 lb) @ 4212 mm (166 in)	578 kg (1274 lb) @ 4832 mm (190 in)
2000 mm (78.7 in)	*1403 kg (3093 lb)	*1129 kg (2489 lb)	*1068 kg (2355 lb) @ 4587 mm (181 in)	*686 kg (1512 lb) @ 5154 mm (203 in)	1341 kg (2956 lb)	840 kg (1852 lb)	665 kg (1466 lb) @ 4587 mm (181 in)	557 kg (1228 lb) @ 5154 mm (203 in)	1222 kg (2694 lb)	768 kg (1693 lb)	607 kg (1338 lb) @ 4587 mm (181 in)	509 kg (1122 lb) @ 5154 mm (203 in)
1000 mm (39.4 in)	*1879 kg (4142 lb)	*1302 kg (2870 lb)	*1124 kg (2478 lb) @ 4680 mm (184 in)	*736 kg (1623 lb) @ 5235 mm (206 in)	1274 kg (2809 lb)	816 kg (1799 lb)	636 kg (1402 lb) @ 4680 mm (184 in)	536 kg (1182 lb) @ 5235 mm (206 in)	1150 kg (2535 lb)	742 kg (1636 lb)	578 kg (1274 lb) @ 4680 mm (184 in)	487 kg (1074 lb) @ 5235 mm (206 in)
Ground	*2104 kg (4638 lb)	*1406 kg (3100 lb)	*1188 kg (2619 lb) @ 4512 mm (178 in)	*849 kg (1872 lb) @ 5088 mm (200 in)	1254 kg (2765 lb)	806 kg (1777 lb)	674 kg (1486 lb) @ 4512 mm (178 in)	559 kg (1232 lb) @ 5088 mm (200 in)	1123 kg (2476 lb)	729 kg (1607 lb)	610 kg (1345 lb) @ 4512 mm (178 in)	506 kg (1116 lb) @ 5088 mm (200 in)
-1000 mm (-39.4 in)	*1999 kg (4407 lb)	*1287 kg (2837 lb)	*1258 kg (2773 lb) @ 4042 mm (159 in)	*1087 kg (2396 lb) @ 4689 mm (185 in)	1283 kg (2829 lb)	826 kg (1821 lb)	815 kg (1797 lb) @ 4042 mm (159 in)	642 kg (1415 lb) @ 4689 mm (185 in)	1144 kg (2522 lb)	744 kg (1640 lb)	734 kg (1618 lb) @ 4042 mm (159 in)	579 kg (1276 lb) @ 4689 mm (185 in)

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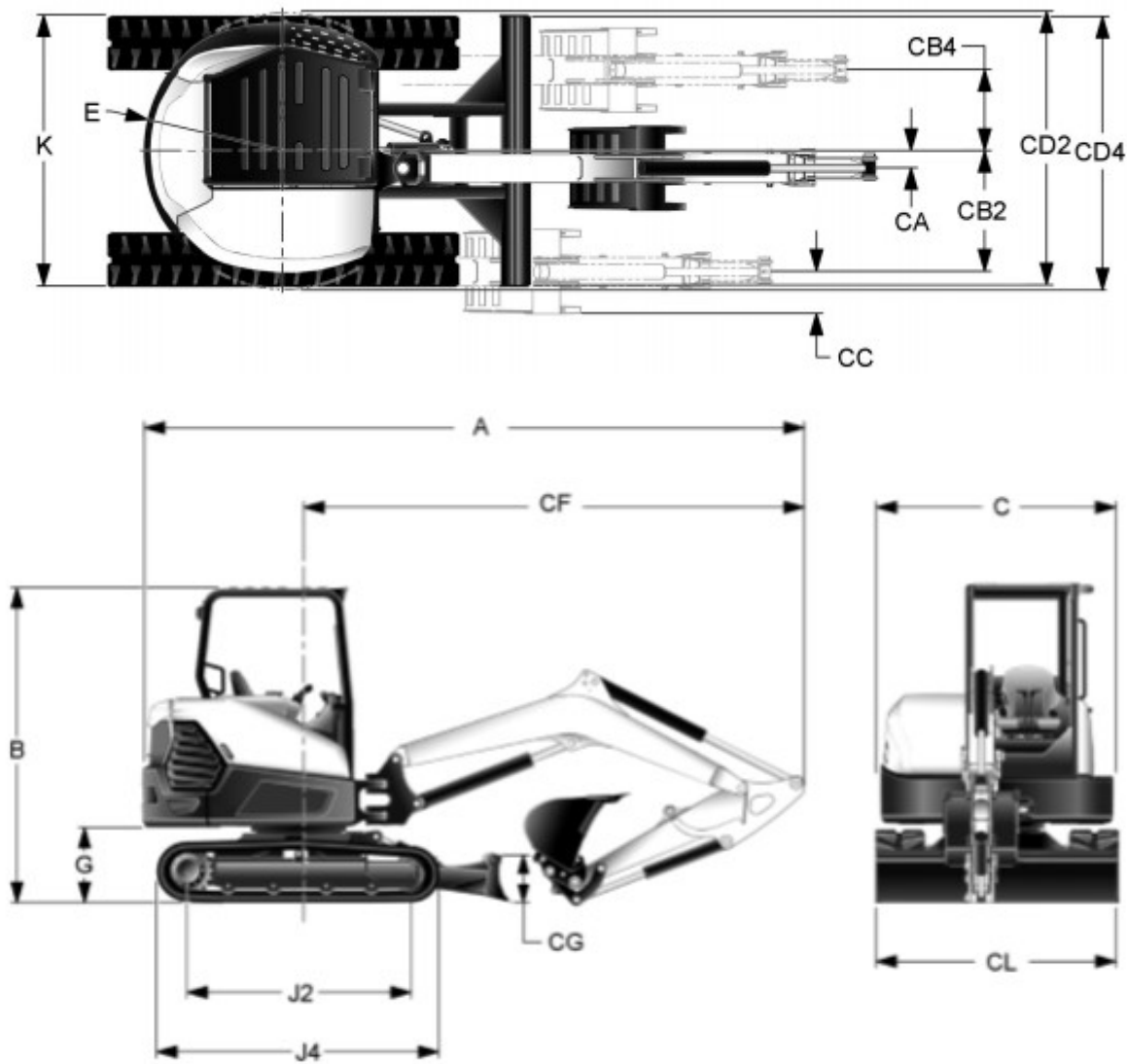
SW 19

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EXCAVATOR SPECIFICATIONS

E50-R2 Excavator Machine Dimensions

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

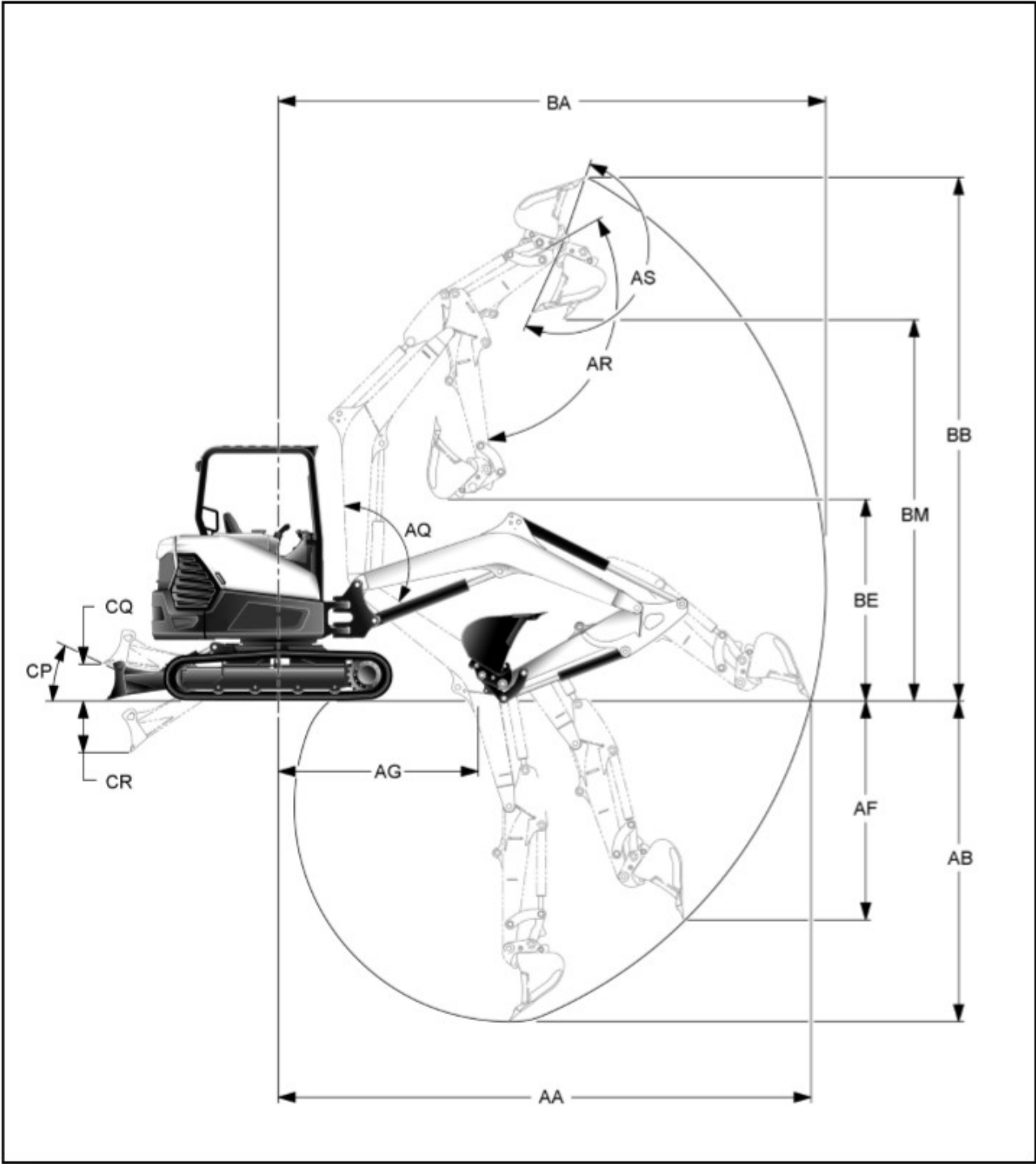


REF	DESCRIPTION	WITH STANDARD ARM	WITH LONG ARM
A	OVERALL LENGTH	5300 mm (208.7 in)	5368 mm (211.3 in)
B	OVERALL HEIGHT	2545 mm (100.2 in)	2545 mm (100.2 in)
C	WIDTH OF UPPERSTRUCTURE	1849 mm (72.8 in)	1849 mm (72.8 in)
E	SLEW CLEARANCE, REAR OF UPPERSTRUCTURE	1000 mm (39.4 in)	1071 mm (42.2 in)
G	CLEARANCE, UPPERSTRUCTURE TO GROUNDLINE	628 mm (24.7 in)	643 mm (25.3 in)
J2	NOMINAL DISTANCE BETWEEN CENTERLINES OF DRIVE SPROCKETS AND IDLERS	2004 mm (78.9 in)	2004 mm (78.9 in)
J4	NOMINAL OVERALL LENGTH OF TRACK ASSEMBLY	2523 mm (99.3 in)	2523 mm (99.3 in)
K	OVERALL WIDTH OF CRAWLER.	1960 mm (77.2 in)	1960 mm (77.2 in)
CA	MACHINE CENTERLINE TO WORKING EQUIPMENT CENTERLINE, NORMAL OPERATION	125 mm (4.9 in)	125 mm (4.9 in)
CB2	MACHINE CENTERLINE TO WORKING EQUIPMENT CENTERLINE, WORK WIDTH AT MAX RH ROTATION	872 mm (34.3 in)	872 mm (34.3 in)
CB4	MACHINE CENTERLINE TO WORKING EQUIPMENT CENTERLINE, WORK WIDTH AT MAX LH ROTATION	586 mm (23.1 in)	586 mm (23.1 in)
CC	BUCKET EDGE TO WORKING EQUIPMENT CENTERLINE	305 mm (12.0 in)	305 mm (12.0 in)
CD2	WORKING WIDTH MAX RH ROTATION	1980 mm (77.9 in)	2051 mm (80.7 in)
CD4	WORKING WIDTH MAX LH ROTATION	1972 mm (77.7 in)	2032 mm (80.0 in)
CF	MIN. RADIUS IN TRAVEL POSITION	4300 mm (169.3 in)	4296 mm (169.2 in)
CG	BLADE HEIGHT	422 mm (16.6 in)	422 mm (16.6 in)
CL	BLADE WIDTH	1960 mm (77.2 in)	1960 mm (77.2 in)

**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.*

EXCAVATOR SPECIFICATIONS (CONT'D)

E50-R2 Excavator Working Range Dimensions



EXCAVATOR SPECIFICATIONS (CONT'D)

E50-R2 Working Range Specifications

REF	DESCRIPTION	WITH STANDARD ARM	WITH LONG ARM
AA	MAX. RADIUS AT GROUNDLINE	5889 mm (231.9 in)	6278 mm (247.2 in)
AB	MAX. DIGGING DEPTH	3478 mm (136.9 in)	3878 mm (152.7 in)
AF	MAX. DEPTH OF VERTICAL WALL THAT CAN BE EXCAVATED.	2417 mm (95.1 in)	2789 mm (109.8 in)
AG	BUCKET FLAT ON GROUNDLINE	2229 mm (87.7 in)	2086 mm (82.1 in)
AQ	BOOM PIVOT ANGLE	126°	126°
AR	ARM PIVOT ANGLE	115°	115°
AS	BUCKET PIVOT ANGLE	186°	185°
BA	MAX. RADIUS OF WORKING EQUIPMENT	6028 mm (237.3 in)	6407 mm (252.2 in)
BB	MAX. HEIGHT OF WORKING EQUIPMENT	5552 mm (218.6 in)	5808 mm (228.7 in)
BE	MIN. CLEARANCE OF FULLY CURLED BUCKET AT MAX. BOOM HEIGHT	2022 mm (79.6 in)	1631 mm (64.2 in)
BM	MIN. CLEARANCE OF FULLY CURLED BUCKET AT MAX. ARM HEIGHT	3975 mm (156.5 in)	4230 mm (166.5 in)
CP	MAX. APPROACH ANGLE	27°	27°
CQ	MAX. BLADE HEIGHT	390 mm (15.4 in)	390 mm (15.4 in)
CR	MAX. BLADE DEPTH	547 mm (21.5 in)	547 mm (21.5 in)

**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*

EXCAVATOR SPECIFICATIONS (CONT'D)

Performance Specifications

Operating weight (for canopy, rubber tracks, counterweight, standard bucket, and no operator)	5151 kg (11357 lb)
If equipped with the following	Cab with Heater, add 110 kg (242 lb) Cab with HVAC, add 129 kg (284 lb) Steel Tracks, add 125 kg (276 lb) Long Arm With Add On Counterweight, add 235 kg (519 lb) Add On Counterweight, add 200 (441 lb) Angle Blade, add 176 kg (387 lb)
Travel speed (Low / High)	2,8 km/h / 4,5 km/h (1.8 mph / 2.8 mph)
Digging Force (per ISO 6015) (standard arm)	31078 N (6987 lbf)
Digging Force (per ISO 6015) (long arm)	26519 N (5962 lbf)
Digging Force (per ISO 6015) (bucket)	42307 N (9511 lbf)

Control Specifications

Steering	Two hand levers (optional foot pedals)
Hydraulics	Two hand-operated joysticks control boom, bucket, arm, and upperstructure slew. Thumb switch controls auxiliary hydraulics and boom swing.
Standard Blade	Hand lever
Angle Blade (if equipped)	Switch on blade lever
Two Speed	Switch on blade lever
Boom Swing	Electric switch on left joystick
Auxiliary Hydraulics	Electric switches on joysticks
Engine	Engine speed control dial with auto idle feature, key or keyless start switch.
Starting Aid	Glow Plugs – activated by start switch
Travel Brakes (Service & Parking)	Hydraulic lock in motor circuit
Swing Brakes (Service)	Hydraulic lock on motor
Swing Brakes (Holding)	Spring applied - hydraulic release

EXCAVATOR SPECIFICATIONS (CONT'D)

Engine Specifications

Make / Model	1.8 L Engine, V2, Tier 4
Fuel / Cooling	Diesel / Liquid
Horsepower: – Gross power (ISO 14396) – Gross power (SAE J1995) – Rated Power (SAE J1349)	36,0 kW (49.0 hp) 36,5 kW (49.7 hp) 36,0 kW (49.0 hp)
Torque: – Gross Torque (ISO 14396) – Gross Torque (SAE J1995) – Rated Torque	180,2 N•m (132.9 lb-ft) 182,5 N•m (134.6 lb-ft) 180,0 N•m (132.8 lb-ft)
Number Of Cylinders	3
Displacement	1,794 L (109.5 in ³)
Bore / Stroke	90.0 x 94.0 mm (3.54 x 3.70 in)
Lubrication	Forced lubrication / cartridge type
Crankcase Ventilation	Closed breathing
Air Filter	Dual dry replacement paper elements
Ignition	Diesel – Compression
Low Idle Speed	1220 ± 25 rpm
High Idle Speed	2200 max rpm
Engine Coolant	Propylene Glycol / water mixture (53% PG / 47% water)

Hydraulic System Specifications

Pump Type	single outlet variable displacement piston pump with gear pumps
Pump Capacity	138,5 L/min (36.6 gal/min)
Auxiliary Flow	75,7 L/min (20.0 U.S. gpm)
2nd Auxiliary Flow	45,4 L/min (12.0 U.S. gpm)
Control Valves	closed center individually compensated
System Relief Pressure	250 bar (3625 psi)
Slew Relief Pressure	245 psi (3553 psi)
Joystick Control Pressure	30 bar (435 psi)
Arm Port Relief, Base End And Rod End	290 bar (4206 psi)
Boom Port Relief, Base End And Rod End	290 bar (4206 psi)

EXCAVATOR SPECIFICATIONS (CONT'D)

Hydraulic System Specifications (Cont'd)

Blade Port Relief Based End	260 bar (3771 psi)
Angle Blade (If Equipped) Port Relief Base End And Rod End	260 bar (3771 psi)
Main Hydraulic Filter Bypass	3.4 bar (50 psi)
Case Drain Filter Bypass	1.7 bar (25 psi)
Auxiliary Relief	210 bar (3045 psi)

Hydraulic Cylinders Specifications

Cylinder	Bore	Rod	Stroke
Boom (cushion up)	101,6 mm (4.00 in)	57,2 mm (2.25 in)	697,2 mm (27.45 in)
Arm (cushion retract / extend)	88,9 mm (3.50 in)	57,2 mm (2.25 in)	757,4 mm (29.82 in)
Bucket	82,6 mm (3.25 in)	50,8 mm (2.00 in)	524,0 mm (20.63 in)
Boom Swing	95,3 mm (3.75 in)	50,8 mm (2.00 in)	490,7 mm (19.32 in)
Blade	101,6 mm (4.00 in)	50,8 mm (2.00 in)	218,4 mm (8.60 in)
Angle Blade (If Equipped)	63,5 mm (2.50 in)	38,1 mm (1.50 in)	422,9 mm (16.65 in)

Hydraulic Cycle Times

Bucket Curl	2.6 seconds
Bucket Dump	1.9 seconds
Arm Retract	3.3 seconds
Arm Extend	3.3 seconds
Boom Raise	5.7 seconds
Boom Lower	4.0 seconds
Boom Swing Left	4.6 seconds
Boom Swing Right	4.8 seconds
Blade Raise	3.1 seconds
Blade Lower	2.9 seconds
Angle Blade Left (If Equipped)	2.0 seconds
Angle Blade Right (If Equipped)	2.1 seconds

EXCAVATOR SPECIFICATIONS (CONT'D)

Electrical System Specifications

Starting Aid	Glow Plugs
Alternator	12 volt, 90 amp open frame with internal regulator
Battery	12 volt negative ground, 650 CCA at –18°C (0°F), 115 min reserve capacity at 25 amp
Starter	12 volt, 2.0 kW reduction drive
Lights (2)	37.5 watt (each)

Drive System Specifications

Final Drive	Each track driven by hydraulic axial piston motor
Drive Reduction	58.9:1 two-stage planetary
Gradeability	25°
Travel Brakes	Hydraulic lock on motor

Slew System Specifications

Slew Motor	Axial piston connected to a planetary drive
Slew Circle	Single-row shear-type ball bearings with internal gear
Slew Speed	9,0 rpm

Undercarriage Specifications

Crawler Track Design	Sealed track rollers with box-section track roller frame
Track Adjuster	Grease type track adjusters with shock absorbing recoil springs
Width of Crawler	1960 mm (77.2 in)

EXCAVATOR SPECIFICATIONS (CONT'D)

Capacities Specifications

Fuel Tank	72,0 L (19.0 gal)
Hydraulic Reservoir	15,1 L (4.00 gal)
Hydraulic System Capacity (Center of Sight Glass)	54,9 L (14.50 gal)
Cooling System	7,6 L (2.00 gal)
Engine Oil and Filter	6,3 L (6.70 qt)

Track Specifications

Type	Rubber	Steel
Width	400 mm (15.7 in)	400 mm (15.7 in)
Number of Shoes	Single Assembly	39
Number of Track Rollers (per side)	5	5

Ground Pressure Specifications

	Rubber Tracks	Steel Tracks
Standard Arm	29,0 kPa (4.20 psi)	29,8 kPa (4.32 psi)
Long Arm	30,3 kPa (4.39 psi)	31,1 kPa (4.51 psi)

RATED LIFT CAPACITY-Standard Arm and Medium Counterweight

*Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

①

1525 mm
(60.0 in)

②

2775 mm
(109.3 in)

A

B

B

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

5000 mm
(196.9 in)

kg (lb) @
max. B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

5000 mm
(196.9 in)

kg (lb) @
max. B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

5000 mm
(196.9 in)

kg (lb) @
max. B

4000 mm
(157.5 in)

*1255 kg
(2767 lb)

*1280 kg (2822 lb) @
4082 mm (161 in)

795 kg
(1753 lb)

766 kg (1689 lb) @
4082 mm (161 in)

749 kg
(1651 lb)

721 kg (1590 lb) @
4082 mm (161 in)

3000 mm
(118.1 in)

*1245 kg
(2745 lb)

*1283 kg (2829 lb) @
4768 mm (188 in)

812 kg
(1790 lb)

596 kg (1314 lb) @
4768 mm (188 in)

756 kg
(1667 lb)

553 kg (1219 lb) @
4768 mm (188 in)

2000 mm
(78.7 in)

*1957 kg
(4314 lb)

*1485 kg
(3274 lb)

*1323 kg
(2917 lb)

*1320 kg (2910 lb) @
5109 mm (201 in)

1263 kg
(2784 lb)

799 kg
(1761 lb)

552 kg
(1217 lb)

531 kg (1171 lb) @
5109 mm (201 in)

1154 kg
(2544 lb)

733 kg
(1616 lb)

505 kg
(1113 lb)

486 kg (1071 lb) @
5109 mm (201 in)

1000 mm
(39.4 in)

*2755 kg
(6074 lb)

*1788 kg
(3942 lb)

*1418 kg
(3126 lb)

*1375 kg (3031 lb) @
5189 mm (204 in)

1209 kg
(2665 lb)

780 kg
(1720 lb)

550 kg
(1213 lb)

519 kg (1144 lb) @
5189 mm (204 in)

1076 kg
(2372 lb)

703 kg
(1550 lb)

497 kg
(1096 lb)

468 kg (1032 lb) @
5189 mm (204 in)

Ground

*3060 kg
(6746 lb)

*1975 kg
(4354 lb)

*1454 kg
(3205 lb)

*1443 kg (3181 lb) @
5025 mm (198 in)

1216 kg
(2681 lb)

776 kg
(1711 lb)

555 kg
(1224 lb)

551 kg (1215 lb) @
5025 mm (198 in)

1057 kg
(2330 lb)

688 kg
(1517 lb)

495 kg
(1091 lb)

491 kg (1082 lb) @
5025 mm (198 in)

-1000 mm
(-39.4 in)

*2911 kg
(6418 lb)

*1923 kg
(4239 lb)

*1516 kg (3342 lb) @
4582 mm (180 in)

1271 kg
(2802 lb)

798 kg
(1759 lb)

655 kg (1444 lb) @
4582 mm (180 in)

1082 kg
(2385 lb)

696 kg
(1534 lb)

575 kg (1268 lb) @
4582 mm (180 in)

50

SW 19

7342849B

RATED LIFT CAPACITY-Standard Arm and Heavy Counterweight

*Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

①

②

A

B

B

B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

5000 mm
(196.9 in)

kg (lb) @
max. B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

5000 mm
(196.9 in)

kg (lb) @
max. B

3000 mm
(118.1 in)

4000 mm
(157.5 in)

5000 mm
(196.9 in)

kg (lb) @
max. B

4000 mm
(157.5 in)

*1255 kg
(2767 lb)

*1280 kg (2822 lb) @
4082 mm (161 in)

882 kg
(1944 lb)

851 kg (1876 lb) @
4082 mm (161 in)

832 kg
(1834 lb)

801 kg (1766 lb) @
4082 mm (161 in)

3000 mm
(118.1 in)

*1245 kg
(2745 lb)

*1283 kg (2829 lb) @
4768 mm (188 in)

901 kg
(1986 lb)

668 kg (1473 lb) @
4768 mm (188 in)

840 kg
(1852 lb)

620 kg (1367 lb) @
4768 mm (188 in)

2000 mm
(78.7 in)

*1957 kg
(4314 lb)

*1485 kg
(3274 lb)

*1323 kg
(2917 lb)

*1320 kg (2910 lb) @
5109 mm (201 in)

1398 kg
(3082 lb)

890 kg
(1962 lb)

621 kg
(1369 lb)

599 kg (1321 lb) @
5109 mm (201 in)

1276 kg
(2813 lb)

818 kg
(1803 lb)

569 kg
(1254 lb)

548 kg (1208 lb) @
5109 mm (201 in)

1000 mm
(39.4 in)

*2755 kg
(6074 lb)

*1788 kg
(3942 lb)

*1418 kg
(3126 lb)

*1375 kg (3031 lb) @
5189 mm (204 in)

1347 kg
(2970 lb)

873 kg
(1925 lb)

621 kg
(1369 lb)

586 kg (1292 lb) @
5189 mm (204 in)

1201 kg
(2648 lb)

789 kg
(1739 lb)

562 kg
(1239 lb)

530 kg (1168 lb) @
5189 mm (204 in)

Ground

*3060 kg
(6746 lb)

*1975 kg
(4354 lb)

*1454 kg
(3205 lb)

*1443 kg (3181 lb) @
5025 mm (198 in)

1359 kg
(2996 lb)

872 kg
(1922 lb)

627 kg
(1382 lb)

623 kg (1373 lb) @
5025 mm (198 in)

1184 kg
(2610 lb)

774 kg
(1706 lb)

560 kg
(1235 lb)

556 kg (1226 lb) @
5025 mm (198 in)

-1000 mm
(-39.4 in)

*2911 kg
(6418 lb)

*1923 kg
(4239 lb)

*1516 kg (3342 lb) @
4582 mm (180 in)

1420 kg
(3131 lb)

896 kg
(1975 lb)

736 kg (1623 lb) @
4582 mm (180 in)

1211 kg
(2670 lb)

783 kg
(1726 lb)

648 kg (1429 lb) @
4582 mm (180 in)

50

SW 19

7342843

RATED LIFT CAPACITY- Long Arm and Heavy Counterweight

Warning: The maximum lifting capacity is limited by the boom configuration and the ground conditions. Always consult the operator's manual for detailed information.

Dimensions:

- 1925 mm (75.8 in)
- 2775 mm (109.3 in)

Maximum Lifting Capacity Table (kg (lb) @ max. B):

A	B			kg (lb) @ max. B	B			kg (lb) @ max. B	B			kg (lb) @ max. B
	3000 mm (118.1 in)	4000 mm (157.5 in)	5000 mm (196.9 in)		3000 mm (118.1 in)	4000 mm (157.5 in)	5000 mm (196.9 in)		3000 mm (118.1 in)	4000 mm (157.5 in)	5000 mm (196.9 in)	
4000 mm (157.5 in)		*976 kg (2152 lb)		*1112 kg (2452 lb) @ 4581 mm (180 in)		910 kg (2006 lb)		715 kg (1576 lb) @ 4581 mm (180 in)		859 kg (1894 lb)		672 kg (1481 lb) @ 4581 mm (180 in)
3000 mm (118.1 in)		*1032 kg (2275 lb)	*1105 kg (2436 lb)	*1036 kg (2284 lb) @ 5186 mm (204 in)		921 kg (2030 lb)	628 kg (1384 lb)	586 kg (1292 lb) @ 5186 mm (204 in)		860 kg (1896 lb)	582 kg (1283 lb)	543 kg (1197 lb) @ 5186 mm (204 in)
2000 mm (78.7 in)	*1558 kg (3435 lb)	*1293 kg (2851 lb)	*1183 kg (2608 lb)	*1037 kg (2286 lb) @ 5495 mm (216 in)	1445 kg (3186 lb)	907 kg (2000 lb)	628 kg (1384 lb)	533 kg (1175 lb) @ 5495 mm (216 in)	1322 kg (2914 lb)	834 kg (1839 lb)	576 kg (1270 lb)	487 kg (1074 lb) @ 5495 mm (216 in)
1000 mm (39.4 in)	*2449 kg (5399 lb)	*1638 kg (3611 lb)	*1323 kg (2917 lb)	*1101 kg (2427 lb) @ 5568 mm (219 in)	1377 kg (3036 lb)	883 kg (1947 lb)	621 kg (1369 lb)	522 kg (1151 lb) @ 5568 mm (219 in)	1230 kg (2712 lb)	798 kg (1759 lb)	562 kg (1239 lb)	471 kg (1038 lb) @ 5568 mm (219 in)
Ground	*2964 kg (6534 lb)	*1900 kg (4189 lb)	*1430 kg (3153 lb)	*1244 kg (2743 lb) @ 5418 mm (213 in)	1362 kg (3003 lb)	871 kg (1920 lb)	619 kg (1365 lb)	549 kg (1210 lb) @ 5418 mm (213 in)	1186 kg (2615 lb)	773 kg (1704 lb)	553 kg (1219 lb)	490 kg (1080 lb) @ 5418 mm (213 in)
-1000 mm (-39.4 in)	*2999 kg (6612 lb)	*1959 kg (4319 lb)	*1376 kg (3034 lb)	*1364 kg (3007 lb) @ 5020 mm (198 in)	1405 kg (3097 lb)	884 kg (1949 lb)	635 kg (1400 lb)	632 kg (1393 lb) @ 5020 mm (198 in)	1197 kg (2639 lb)	772 kg (1702 lb)	560 kg (1235 lb)	557 kg (1228 lb) @ 5020 mm (198 in)

SW 19 7342846A

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.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXCEPT THE WARRANTY OF TITLE. BOBCAT COMPANY DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, LOSS OR INTERRUPTION OF BUSINESS, LOST PROFITS, OR LOSS OF MACHINE USE, WHETHER BASED ON CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY, STATUTE OR OTHERWISE, EVEN IF BOBCAT COMPANY OR THE AUTHORIZED BOBCAT DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE TOTAL LIABILITY OF BOBCAT COMPANY AND THE AUTHORIZED BOBCAT DEALERS WITH RESPECT TO THE PRODUCT AND SERVICES FURNISHED HEREUNDER SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT UPON WHICH SUCH LIABILITY IS BASED.



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