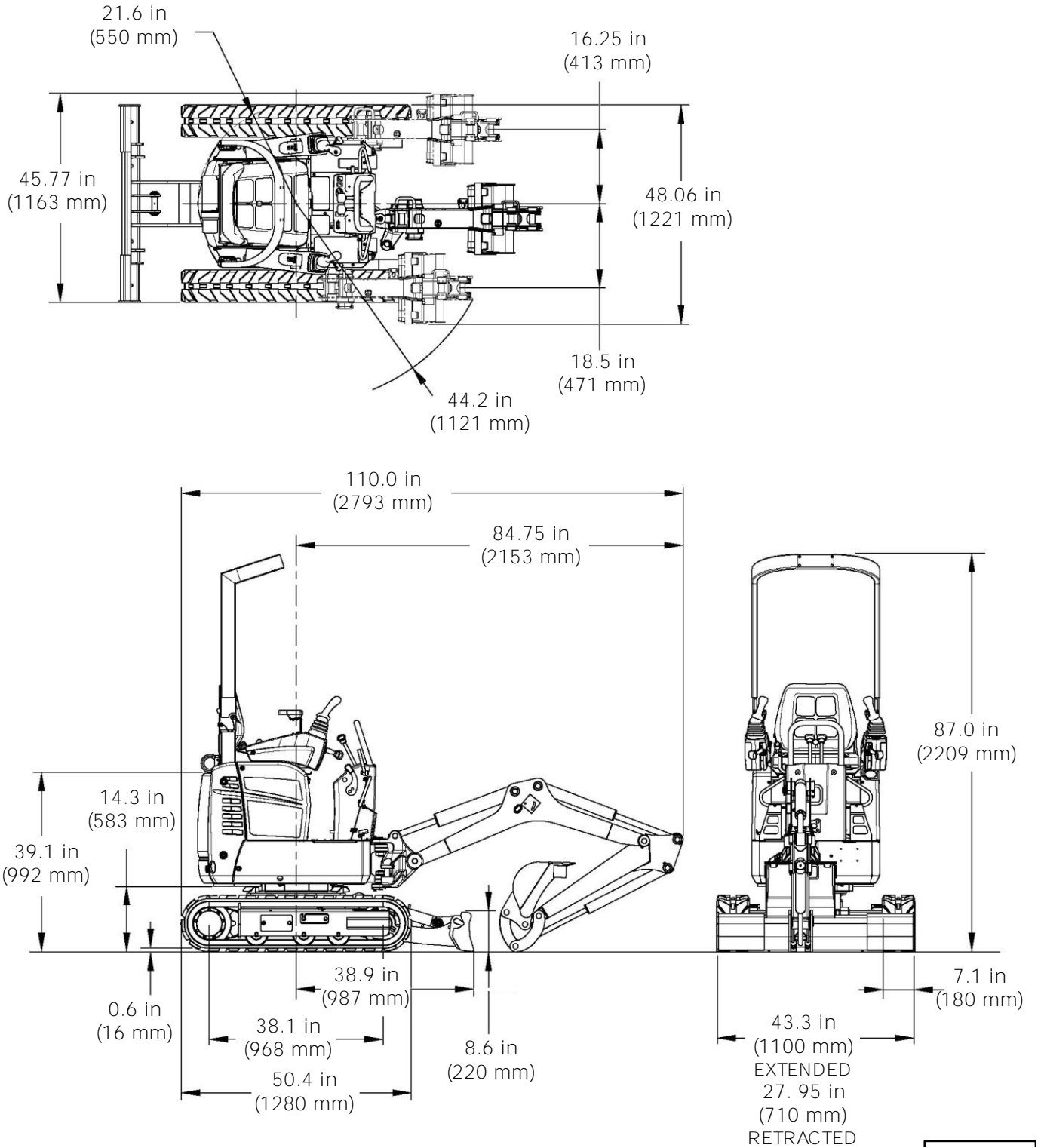


# E10 Bobcat Excavator Sales Specifications

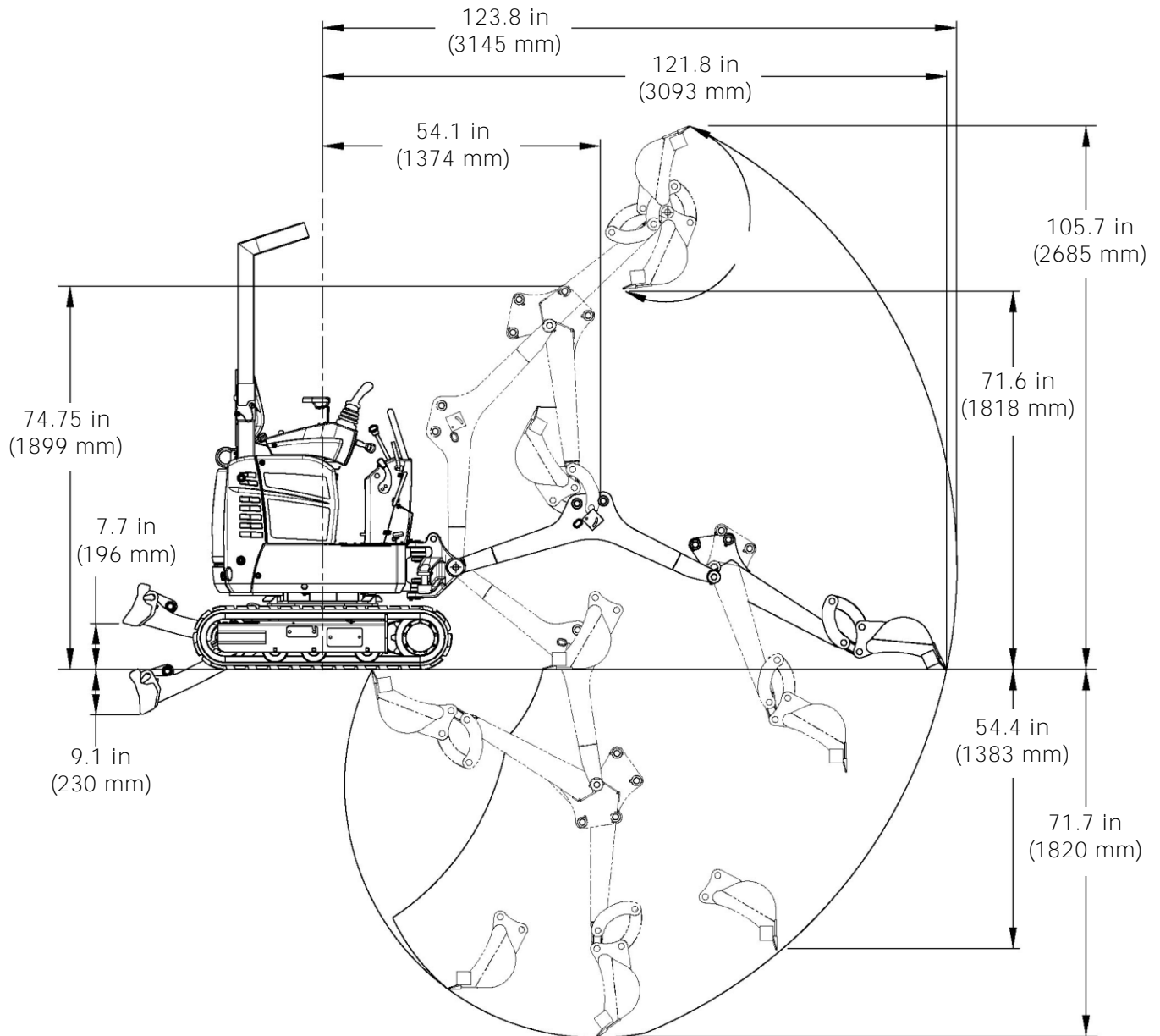
## Machine Dimensions

- 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.



# E10 Bobcat Excavator Specifications (cont'd)

Machine Dimensions (Cont'd) –



## E10 Bobcat 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 - 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 <sup>3</sup> (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)


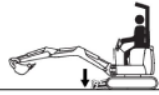
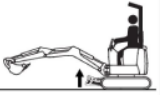
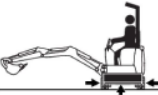
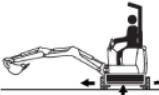
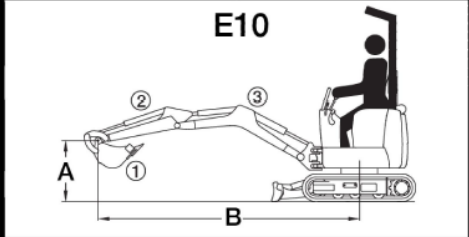
## Hydraulic System


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

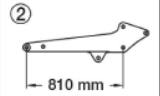
Starting Aid	Glow Plugs
Alternator	12 volt, 40 Amp open frame w / internal regulator
Battery	12 volt - 500 CCA @ 0°F (-18°C) – 90 minute reserve capacity
Starter	12 volt; gear reduction 1.9 hp (1.4 kW)
Lights (1)	37.5 watts
Instrumentation	<p>Gauges: Fuel Level.</p> <p>Warning lights: Engine Coolant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

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


									
		B	@ max. B	B	@ max. B	B	@ max. B	B	@ max. B
 <p><b>E10</b></p>	2000 mm (79 in)	*319 kg (704 lb)	206 kg (454 lb)	192 kg (424 lb)	94 kg (207 lb)	90 kg (199 lb)	211 kg (465 lb)	200 kg (442 lb)	
	1000 mm (39 in)	*345 kg (761 lb)	197 kg (434 lb)	121 kg (266 lb)	92 kg (202 lb)	54 kg (118 lb)	204 kg (449 lb)	129 kg (282 lb)	
	Ground	*404 kg (891 lb)	174 kg (383 lb)	116 kg (256 lb)	78 kg (171 lb)	48 kg (106 lb)	181 kg (399 lb)	119 kg (263 lb)	
	-1000 mm (-39 in)	*214 kg (473 lb)	171 kg (378 lb)	171 kg (378 lb)	75 kg (165 lb)	73 kg (162 lb)	184 kg (406 lb)	174 kg (383 lb)	




400 mm  
19 kg



810 mm



1282 mm

\*  SW 17 7135259A