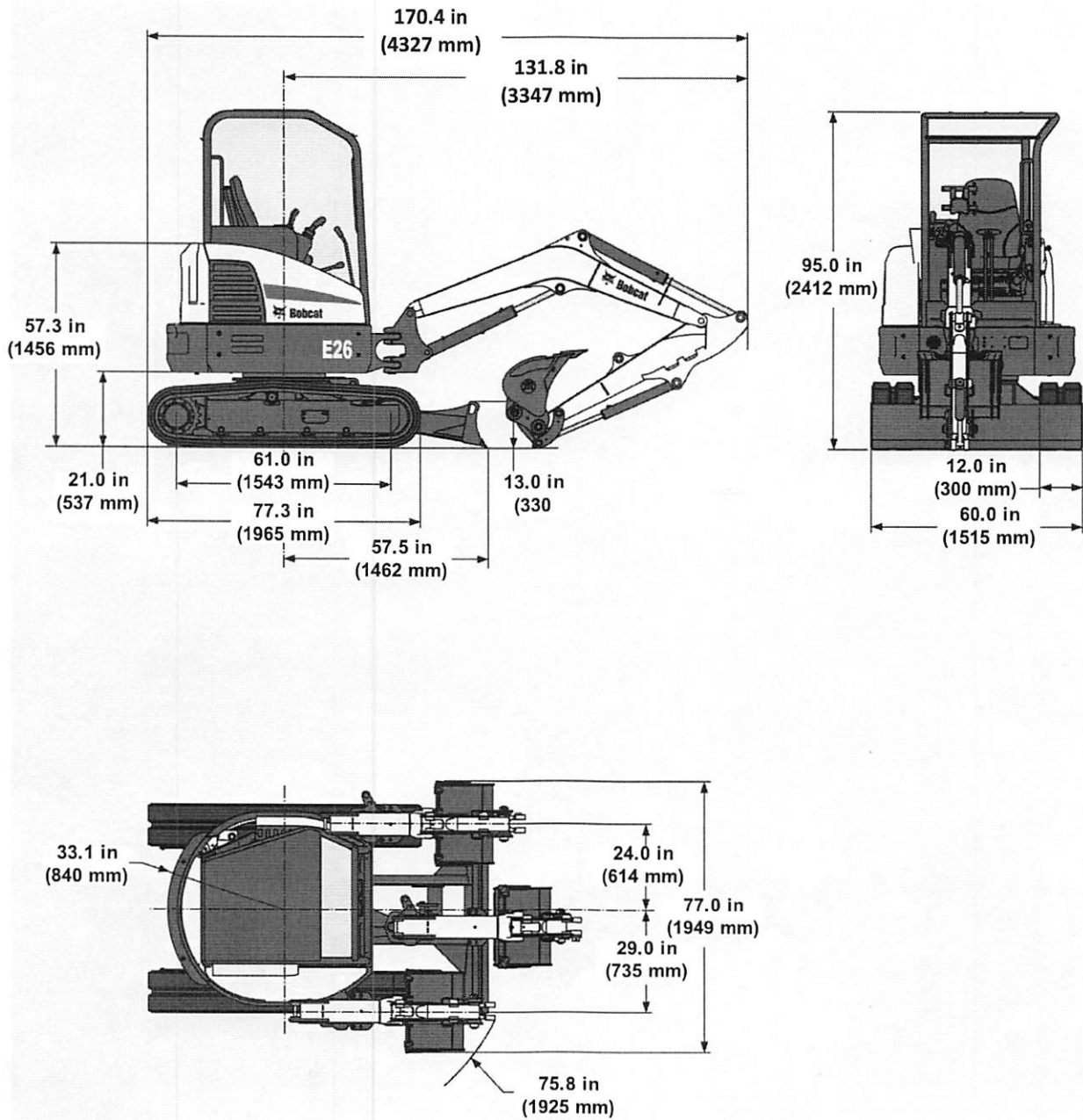


## (E26) EXCAVATOR SPECIFICATIONS (CONT'D)

### Machine Dimensions (Long Arm)

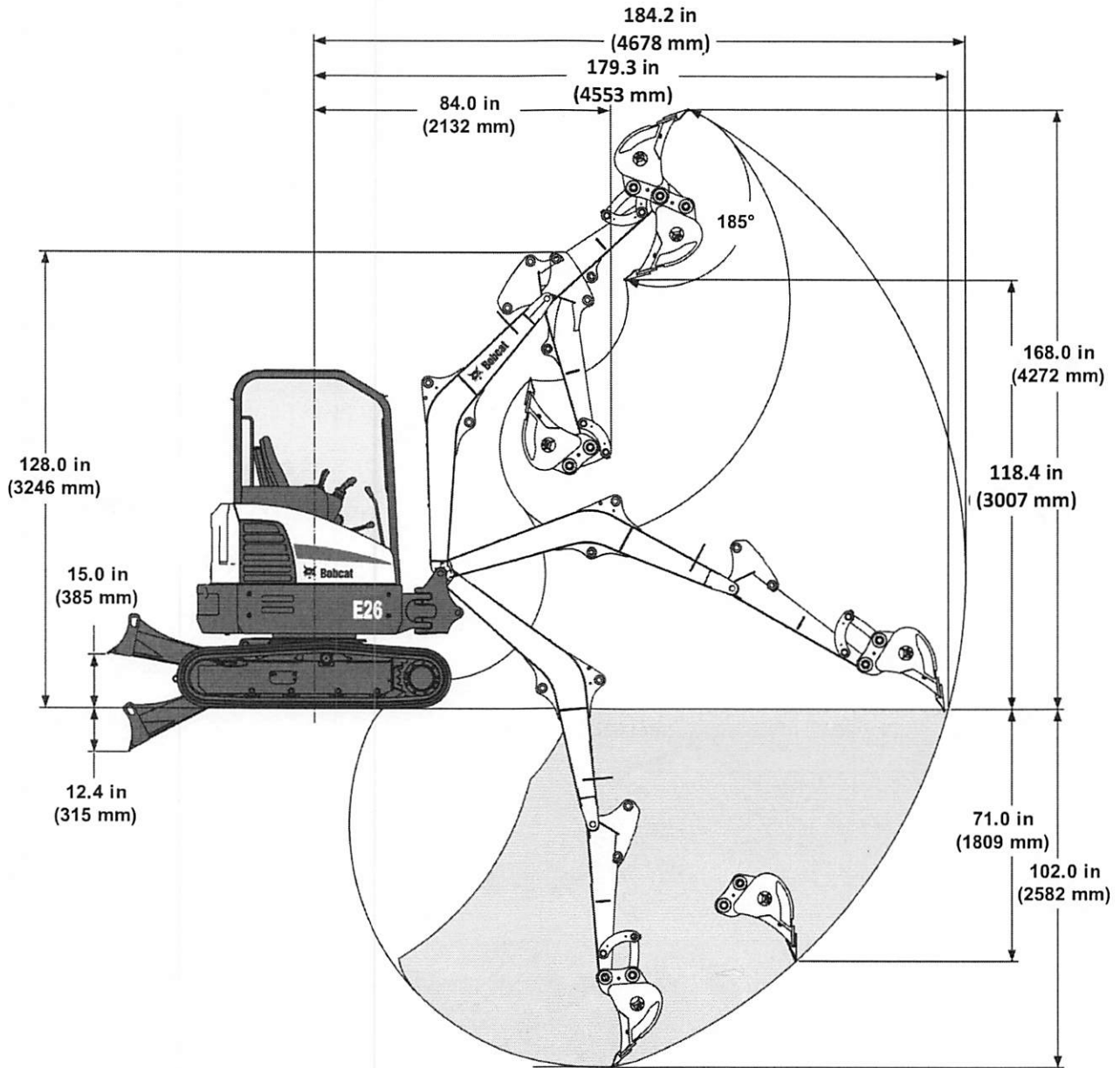
- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.



## (E26) EXCAVATOR SPECIFICATIONS (CONT'D)

### Machine Dimensions (Standard Arm) (Cont'd)

- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.



## Performance

Operating weight (canopy w/ rubber tracks, counterweight and standard bucket)	5666 lb (2570 kg)
If equipped with the following, add:	Cab w/ HVAC, add 328 lb (149 kg); Long Arm, add 425 lb (193 kg)
Travel Speed (Low / High)	1.49 mph / 2.86 mph (2,4 km/h / 4,6 km/h)
Digging Force (per ISO 6015)	
With Standard Arm	Arm - 3552 lb (15800 N) Bucket - 4991 lb (22200 N)
With Long Arm	Arm - 2967 lb (13200 N) Bucket - 4991 lb (22200 N)

## Controls

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

## Engine

Fuel / Cooling / Tier	Diesel NO.2-D / Liquid / Tier 4 Final
Horsepower @ 2400 rpm	24.8 hp (18,5 kW)
Torque @ 2100 rpm	68.2 ft-lb (92.5 N•m)
Number Of Cylinders	4
Displacement	91.41 in <sup>3</sup> (1,498 L)
Bore / Stroke	2.99 x 2.90 in (78 x 78,4 mm)
Lubrication	Forced Lubrication / Cartridge type
Crankcase Ventilation	Closed breathing
Air Cleaner	Dual dry replacement paper elements
Ignition	Diesel-Compression
Low Idle Speed (installed)	1100 ± 50 rpm
High Idle Speed (installed)	2500 max rpm
Engine Coolant	Propylene Glycol / water mixture (53% PG / 47% water)

## 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 7.6 U.S. gpm (2 x 28,8 L/min) 4.9 U.S. gpm (18,4 L/min) 1.6 U.S. gpm (6,2 L/min)
Auxiliary Flow	12.47 U.S. gpm (47,2 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 Joystick Control Pressure	2770 psi (19098 kPa) (191 bar) 2987 psi (20595 kPa) (206 bar) 3480 psi (23994 kPa) (240 bar) 464 psi (3199 kPa) (32 bar)
Auxiliary Relief	2610 psi (17995 kPa) (180 bar)
Arm Port Relief Base And Rod End	4205 psi (28992 kPa) (290 bar)

Boom Port Relief Base End And Rod End	4205 psi (28992 kPa) (290 bar)
Bucket Port Relief Base End And Rod End	3770 psi (25993 kPa) (260 bar)
Blade Port Relief Base End	3915 psi (26993 kPa) (270 bar)
Main Hydraulic Filter Bypass	50 psi (345 kPa) (3,4 bar)
Case Drain	18 - 23 psi (124 - 159 kPa) (1,2 - 1,6 bar)

### Hydraulic Cylinders

Cylinder	Bore	Rod	Stroke
Boom (cushion up)	2.75 in (69,9 mm)	1.63 in (41,3 mm)	21.5 in (546,1 mm)
Arm (cushion retract / extend)	2.75 in (69,9 mm)	1.63 in (41,3 mm)	19.4 in (492,3 mm)
Bucket	2.25 in (57,2 mm)	1.25 in (31,8 mm)	17.52 in (445,0 mm)
Boom Swing	2.75 in (69,9 mm)	1.50 in (38,1 mm)	15.17 in (385,3 mm)
Blade	3.25 in (82.6 mm)	1.75 in (44,5 mm)	5.71 in (145,0 mm)

### Hydraulic Cycle Times

Bucket Curl	2,45 seconds
Bucket Dump	1,66 seconds
Arm Retract	2,55 seconds
Arm Extend	1,77 seconds
Boom Raise	3,6 seconds
Boom Lower	4,33 seconds
Boom Swing Left (60°)	3,38 seconds
Boom Swing Right (60°)	4,81 seconds
Blade Raise	1,79 seconds
Blade Lower	2,54 seconds

**Electrical**

Starting Aid	Glow Plugs
Alternator	12 volt, 90 Amp open frame w/ internal regulator
Battery	00F(12 volt - 530 CCA @ -180C)
Starter	2.7 hp(12 volt; gear reduction 2,0 kw)
Instrumentation	Fuel gauge, audible alarm, visual warning for engine functions and hourmeter
Lights	37.5 watt (2)

**Drive System**

Final Drive	Each track is driven by hydrostatic axial piston motor
Drive Reduction	41,9:1 two stage planetary
Grade ability	30*
Brakes	Hydraulic lock on motor

**Slew System**

Slew Drive	Axial piston connected to a planetary drive
Slew Circle	Single row shear type ball bearings with internal gear
Gear Reduction	21.5:1
Brake	Spring applied, pressure released
Slew Speed	8,9 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	59.8 in (1520 mm)

### Capacities

Fuel Tank	9.14 U.S. gal (34,6 L)
Hydraulic Reservoir Only (Center of Sight Glass)	Tank Cap. 3.88 U.S. gal (14,7 L)
Hydraulic System (with Reservoir)	6.60 U.S. gal (25,0 L)
Cooling System	1.64 U.S. gal (6,2 L)
Engine Oil and Filter	6.34 qt (6,0 L)
Final Drive (each)	0.63 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

Type	Rubber
Standard Arm	3.71 psi (25,6 kPa) (0,256 bar)
With CTW	3.96 psi (27,3 kPa) (0,273 bar)
With CTW and long arm	3.97 psi (27,4 kPa) (0,274 bar)