



# Bobcat®

## COMPACT EXCAVATORS

### E80

|                  |                    |
|------------------|--------------------|
| Operating Weight | 8330 kg            |
| Engine Power     | 40.4 kw            |
| (Tropical)       | 39.9 kw            |
| Bucket Capacity  | 0.28m <sup>3</sup> |



Bobcat SNS

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**One Tough Animal®**

# E80 — SPECIFICATIONS

## Weights

|                                    |          |
|------------------------------------|----------|
| Operating weight (ISO 6016)        | 8330 kg  |
| Ground pressure with rubber tracks | 38.2 kPa |

## Engine

|                            |  |
|----------------------------|--|
| Make / Model               | Yanmar / 4TNV98-ZWDB8 (iT4)                    |
| Fuel                       | Diesel   |
| Number of cylinders        | 4  |
| Displacement               | 3.3 L  |
| Maximum power (SAE J1995)  | 40.4 kW (54.2 HP), Tropical: 39.9 kW (53.5 HP) |
| Maximum torque (SAE J1995) | 248.0 Nm                                       |

## Performance

|                                    |          |
|------------------------------------|----------|
| Digging force, arm (ISO 6015)      | 40,900 N |
| Digging force, long arm (ISO 6015) | 34,100 N |
| Digging force, bucket (ISO 6015)   | 54,600 N |
| Drawbar pull                       | 60,800 N |
| Travel speed (low)                 | 2.9 km/h |
| Travel speed (high)                | 4.6 km/h |

## Hydraulic System

|                      |  |
|----------------------|--|
| Pump type            | One engine-driven tandem axial piston pump and one engine-driven gear pump |
| Piston pump capacity | 144.0 L/min  |
| Auxiliary flow       | 120.0 L/min  |
| Auxiliary relief     | 210.0 bar  |

## Swing System

|                    |         |
|--------------------|---------|
| Boom swing (left)  | 70.0°   |
| Boom swing (right) | 55.0°   |
| Swing speed        | 9.6 RPM |

## Fluid Capacities

|                       |         |
|-----------------------|---------|
| Cooling system        | 10.0 L  |
| Engine oil and filter | 11.6 L  |
| Fuel tank             | 110.0 L |
| Hydraulic system      | 87.0 L  |

## Standard Features

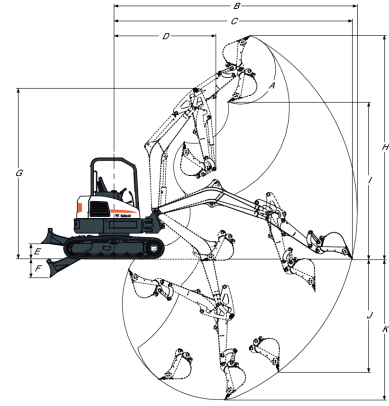
|   |                         |
|---|-------------------------|
| 2300 mm dozer blade                             | Sun visor               |
| 450 mm rubber tracks                            | Electric refueling pump |
| TOPS/ROPS cab with air conditioner <sup>1</sup> | Auto idle               |
| Fingertip auxiliary hydraulic control           | Horn                    |
| Control console locks                           | Work lights             |
| Lockable storage compartment                    | Retractable seat belt   |
| Deluxe cloth suspension seat                    | Engine auto shutdown    |

1. Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117.

## Options

|   |                      |
|---|----------------------|
| Steel Tracks                                      | Rotating beacon      |
| Third auxiliary hydraulic line (clamshell piping) | Quick coupler piping |
| Boom load holding valve                           | Long arm             |
| Boom and arm load holding valve                   | Roof guard           |

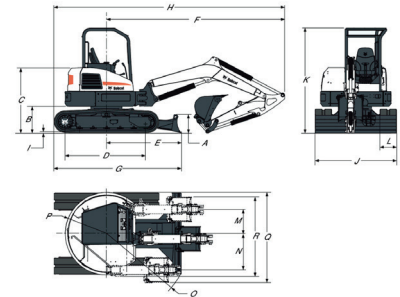
## Working Range



|      |           |      |           |
|------|-----------|------|-----------|
| (A)  | 182.0°    | (G)  | 5019.0 mm |
| (B)  | 6965.0 mm | (H)  | 6715.0 mm |
| (B*) | 7480.0 mm | (H*) | 7070.0 mm |
| (C)  | 6765.0 mm | (I)  | 4720.0 mm |
| (C*) | 7295.0 mm | (I*) | 5085.0 mm |
| (D)  | 2500.0 mm | (J)  | 3220.0 mm |
| (D*) | 2700.0 mm | (J*) | 3730.0 mm |
| (E)  | 438.0 mm  | (K)  | 4150.0 mm |
| (F)  | 310.0 mm  | (K*) | 4675.0 mm |

\* Long arm

## Dimensions



|     |           |     |           |
|-----|-----------|-----|-----------|
| (A) | 446.0 mm  | (J) | 2300.0 mm |
| (B) | 737.0 mm  | (K) | 2638.0 mm |
| (C) | 1715.0 mm | (L) | 450.0 mm  |
| (D) | 2200.0 mm | (M) | 655.0 mm  |
| (E) | 1912.0 mm | (N) | 803.0 mm  |
| (F) | 4797.0 mm | (O) | 2500.0 mm |
| (G) | 2823.0 mm | (P) | 1298.0 mm |
| (H) | 6167.0 mm | (Q) | 2450.0 mm |
| (I) | 20.0 mm   |     |           |

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