

# E55z

# **Excavators**

Specifications

| 3.8. | :  |   | 1. | 4  |
|------|----|---|----|----|
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| Operating weight                       | 5271 kg   |
|--|-----------|
| Additional weight for cab with HVAC    | 19 kg     |
| Additional weight for steel tracks     | 125 kg    |
| Additional weight for angle blade      | 176 kg    |
| Additional weight for long dozer blade | 176 kg    |
| Ground pressure with rubber tracks     | 30.00 kPa |

#### **Engine**

| Make / model                                 | Bobcat 1.8L, 97/68 EC Stage V |
|--|-------------------------------|
| Fuel   | Diesel                        |
| Number of cylinders                          | 3                             |
| Displacement                                 | 1.79 L                        |
| Maximum NET power (ISO 9249)                 | 36.4 kW                       |
| Maximum NET torque (ISO 9249)                | 180.0 Nm                      |
| Displacement<br>Maximum NET power (ISO 9249) | 36.4 kW                       |

### **Hydraulic System**

| Pump type                                     | Single outlet variable displacement piston pump with gear |
|---|---|
|   | pumps   |
| Piston pump capacity                          | 138.60 L/min  |
| System relief pressure for implement circuits | 250.00 bar  |
| Boom port relief base and rod end             | 290.0 - 290.0 bar   |
| Auxiliary (AUX1) flow                         | 80.50 L/min   |
| Auxiliary (AUX2) flow                         | 45.40 L/min   |
| Performance                                   |   |
| Digging force, dipperstick (ISO 6015)         | 30993 N   |
| Digging force long dipporation (ICO 6015)     | 26201 N   |

| Digging force, long dipperstick (ISO 6015) | 26301 N  |
|--|----------|
| Digging force, bucket (ISO 6015)           | 44297 N  |
| Travel speed, low range                    | 2.9 km/h |
| Travel speed, high range                   | 4.6 km/h |
|  |          |

## **Slew System**

| Boom swing, left  | 75.0°   |
|-------------------|---------|
| Boom swing, right | 50.0°   |
| Slew rate         | 9.3 RPM |

#### Fluid Capacities

| Cooling system                     | 7.60 L  |
|------------------------------------|---------|
| Engine lubrication plus oil filter | 6.30 L  |
| Fuel reservoir                     | 72.00 L |
| Hydraulic reservoir                | 15.10 L |

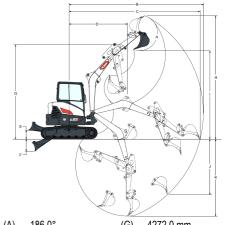
| Standard Features  |   |
|--|---|
| 1960 mm dozer blade                                      | Full fuel warning alarm                                 |
| 400 mm rubber track                                      | Horn  |
| 5 inch display   | Hydraulic joystick controls                             |
| Auto idle  | Proportional fingertip auxiliary and boom swing offset  |
| Adjustable double acting auxiliary hydraulic (AUX1) with | hydraulic control                                       |
| QC on ARM  | Retractable seat belt                                   |
| Battery disconnect switch                                | Selectable auxiliary hydraulic flow                     |
| Blade float feature                                      | Suspension seat with high back                          |
| Clamp ready  | Storage compartment                                     |
| Control console locks                                    | Tool box  |
| Cupholders   | TOPS/ROPS/FOPS cab * 1                                  |
| Dual Direction Detent                                    | Two-speed travel with Auto shift                        |
| Dual flanged rollers                                     | Upper structure tie down                                |
| Engine/hydraulic monitor with shutdown                   | LED Work lights   |
| Foldable and ergonomic nedals                            | Warranty: 24 months, 2000 hours (whichever occurs first |

Foldable and ergonomic pedals

Warranty: 24 months, 2000 hours (whichever occurs first)

Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117. Falling Object Protective Structure (FOPS) - Meets requirements of ISO 3449.

#### **Working Range**

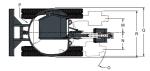


| (A)  | 186.0°    | (G)  | 4272.0 mm |
|------|-----------|------|-----------|
| (B)  | 5983.0 mm | (H)  | 5513.0 mm |
| (B)  | 6361.0 mm | (H*) | 5768.0 mm |
| (C)  | 5843.0 mm | (I)  | 3558.0 mm |
| (C*) | 6232.0 mm | (l*) | 4213.0 mm |
| (D)  | 2541.0 mm | (J)  | 2485.0 mm |
| (D*) | 2638.0 mm | (J*) | 2878.0 mm |
| (E)  | 390.0 mm  | (K)  | 3434.0 mm |
| (F)  | 547.0 mm  | (K*) | 3834.0 mm |

## **Dimensions**







| (A)  | 422.0 mm  | (J)  | 1959.0 mm |
|------|-----------|------|-----------|
| (B)  | 627.0 mm  | (K)  | 2566.0 mm |
| (C)  | 1659.0 mm | (L)  | 400.0 mm  |
| (D)  | 2004.0 mm | (M)  | 586.0 mm  |
| (E)  | 1784.0 mm | (N)  | 872.0 mm  |
| (F)  | 4300.0 mm | (O)  | 2027.0 mm |
| (Ġ)  | 2523.0 mm | (P)  | 1000.0 mm |
| (H)  | 5561.0 mm | (P*) | 1071.0 mm |
| (H*) | 5558.0 mm | (Q)  | 1976.0 mm |
| (I)  | 24.0 mm   | (R)  | 1881.0 mm |

### **Options**

seat

| Air conditioning (Cab with  |
|-----------------------------|
| HVAC)                       |
| Auto Air conditioning (Cab  |
| with Auto HVAC)             |
| 7" touch screen             |
| Keyless ignition            |
| Long dipperstick with heavy |
| counterweight               |
| 2nd Auxiliary hydraulics    |
| Case drain line             |
| Clamp with AUX1 valve       |
| Tilt coupler lines (AUX4)   |
| Hydraulic coupler lines     |
| (AUX5)                      |
| Deluxe textile suspension   |

FOGS kit (Overhead guard) Lifting chain kit Travel motion alarm 400 mm Steel tracks 400 mm Segmented tracks Beacon kit Left and right mirror kit Fire extinguisher Additional LED work light kit Rubber bolt-on pads for steel tracks Machine IQ (telematic) Special applications kit (Front windscreen protection) Bucket valves (AUX3) kit Depth Check kit



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Specifications

Heated Deluxe textile suspension seat with head rest Boom safety valve with overload warning Boom & arm safety valves with overload warning AM/FM MP3 stereo radio with Bluetooth