



Bobcat®

**COMPACT EXCAVATORS
E20**



One Tough Animal®

E20 — SPECIFICATIONS

Weights

| | |
|--|-----------|
| Operating weight | 1930 kg |
| Additional weight for cab with heating | 81 kg |
| Additional weight for long dipperstick | 6 kg |
| Additional weight for long dozer blade | 9 kg |
| Ground pressure with rubber tracks | 31.10 kPa |

Engine

| | |
|-------------------------------|-------------------------|
| Make / model | Kubota / D722-E2B-BCZ-7 |
| Fuel | Diesel |
| Number of cylinders | 3 |
| Displacement | 0.72 L |
| Maximum NET power (ISO 9249) | 9.9 kW |
| Maximum NET torque (ISO 9249) | 42.3 Nm |

Performance

| | |
|--|----------|
| Digging force, dipperstick (ISO 6015) | 10371 N |
| Digging force, long dipperstick (ISO 6015) | 9279 N |
| Digging force, bucket (ISO 6015) | 20835 N |
| Drawbar pull | 19302 N |
| Travel speed, low range | 2.5 km/h |
| Travel speed, high range | 4.0 km/h |

Hydraulic System

| | |
|-----------------------------------|---------------------------------|
| Pump type | Dual piston pump with gear pump |
| Pump capacity | 41.30 L/min |
| Pump 1 capacity at 2500 RPM | 11.30 L/min |
| Pump 2 and 3 capacity at 2500 RPM | 15.00 L/min |
| Auxiliary flow | 30.00 L/min |
| Auxiliary relief | 180.0 bar |
| Boom port relief base and rod end | 210.0 - 250.0 bar |

Slew System

| | |
|-------------------|---------|
| Boom swing, left | 80.0° |
| Boom swing, right | 60.0° |
| Slew rate | 8.4 RPM |

Fluid Capacities

| | |
|------------------------------------|---------|
| Cooling system | 3.30 L |
| Engine lubrication plus oil filter | 3.30 L |
| Fuel reservoir | 19.00 L |
| Hydraulic system | 19.00 L |

Environmental

| | |
|---|-----------------------|
| Noise level LpA(EU Directive 2006/42/EC) | 82 dB(A) |
| Noise level LWA(EU Directive 2000/14/EC) | 93 dB(A) |
| Whole body vibration (ISO 2631-1) | 0.73 ms ⁻² |
| Hand-arm vibration (ISO 5349-1) | 1.57 ms ⁻² |
| Hand-arm vibration (ISO 5349-1) Uncertainty | 0.37 ms ⁻² |

Standard Features

| | |
|--|--|
| TOPS/ROPS/FOPS canopy ¹ | Full fuel warning alarm |
| 980 mm dozer blade with two 190 mm blade extensions | Battery kill switch |
| Heavy counterweight | Cupholders |
| 230 mm rubber track | Foldable and ergonomic pedals |
| Double acting auxiliary hydraulics with quick couplers | Hydraulically retractable undercarriage from 1360 mm to 980 mm |
| Control console locks | Upper structure four point tie down |
| Horn | Work light |
| Hydraulic joystick controls | Engine with auto shutdown |
| Retractable seat belt | Hydraulic and travel control lockout |
| Two-speed travel | Warranty: 12 months, 2000 hours (whichever occurs first) |

1. 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) 196.0° | (G) 2564.0 mm |
| (B) 4134.0 mm | (H) 3573.0 mm |
| (B*) 4307.0 mm | (H*) 3701.0 mm |
| (C) 4089.0 mm | (I) 2566.0 mm |
| (C*) 4264.0 mm | (I*) 2693.0 mm |
| (D) 1592.0 mm | (J) 1948.0 mm |
| (D*) 1611.0 mm | (J*) 2115.0 mm |
| (E) 220.0 mm | (K) 2385.0 mm |
| (F) 204.0 mm | (K*) 2565.0 mm |

Dimensions



| | |
|----------------|----------------|
| (A) 235.0 mm | (J) 980.0 mm |
| (B) 419.0 mm | (J*) 1360.0 mm |
| (C) 1138.0 mm | (K) 2297.0 mm |
| (D) 1258.0 mm | (L) 230.0 mm |
| (E) 1045.0 mm | (M) 476.0 mm |
| (F) 2882.0 mm | (N) 638.0 mm |
| (G) 1620.0 mm | (O) 1190.0 mm |
| (H) 3688.0 mm | (P) 690.0 mm |
| (H*) 3669.0 mm | (Q) 1532.0 mm |
| (I) 25.0 mm | (R) 1370.0 mm |

Options

| | |
|---------------------------|---|
| TOPS/ROPS cab with heater | AM/FM MP3 stereo radio |
| Keyless start | 2nd Auxiliary hydraulics |
| Travel motion alarm | Auxiliary hydraulic line on arm |
| Cab enclosure, vinyl | Boom load holding valve |
| Cab/canopy light kit | Hydraulic clamp |
| Special applications kit | Comfort package (Superior seat for canopy or cloth suspension seat for cab, Autospeed shift, Aux and Off-set pilot control) |
| Long dipperstick | Klacc and Lehnhoff couplers |
| Long dozer blade | Object handling certification |



Bobcat is a Doosan Company.

Doosan is a global leader in construction equipment, power & water solutions, engines, and engineering proudly serving customers and communities for more than a century. | Bobcat and the Bobcat logo are registered trademarks of Bobcat Company in the United States and various other countries. ©2017 Bobcat Company. All Rights Reserved.

Certain 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. Pictures of Bobcat units may show other than standard equipment.



Bobcat®

www.bobcat.com