

MAINTENANCE AND SERVICE

Daily maintenance and service points are conveniently located for easy and immediate access.



Side-by-side coolers for easy cleaning. Diagnostics are easy thanks to display error codes on control panel and service tool connection. The E20 tailgate provides great access to all daily maintenance components and service points.



Bobcat®

One Tough Animal™



E20 — SPECIFICATIONS

E20

WEIGHTS

| | |
|------------------------------|----------|
| Operating weight with canopy | 1930 kg |
| Operating weight with cab | 2019 kg |
| Ground pressure | 31.1 kPa |

ENGINE

| | |
|-------------------------------|-------------------------|
| Make / model | Kubota / D722-E2B-BCZ-7 |
| Fuel/Cooling | Diesel/Liquid |
| Number of cylinders | 3 |
| Displacement | 0.7 L |
| Maximum NET power (ISO 9249) | 9.9 kW |
| Maximum NET torque (ISO 9249) | 42.3 Nm |

PERFORMANCE

| | |
|--|----------|
| Digging force, standard 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 | 41.3 L/min |
| Pump 1 capacity at 2500 RPM | 11.3 L/min |
| Pump 2 and 3 capacity at 2500 RPM | 15 L/min |
| Auxiliary flow | 30 L/min |
| Auxiliary relief | 180.0 bar |

SLEW SYSTEM

| | |
|-------------------|---------|
| Boom swing, left | 80° |
| Boom swing, right | 60° |
| Slew rate | 8.4 RPM |

FLUID CAPACITIES

| | |
|------------------------------------|--------|
| Cooling system | 3.3 L |
| Engine lubrication plus oil filter | 3.3 L |
| Fuel reservoir | 19.0 L |
| Hydraulic system | 19.0 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 | Retractable seat belt |
| Hydraulically retractable undercarriage from 1360 to 980 mm | Two-speed travel |
| Heavy Counterweight | Upperstructure four point tie down |
| 980 mm dozer blade with two 190 mm blade extensions | Engine with auto shutdown Full fuel warning alarm Work light |
| 230 mm rubber track | Battery kill switch |
| Double acting auxiliary hydraulics with quick couplers | Cupholders |
| Control console locks | Warranty: 12 months or 2000 hours |
| Horn | |
| Hydraulic joystick controls | |
| Hydraulic and Travel Control Lockouts | |
| Foldable and ergonomic pedals | |

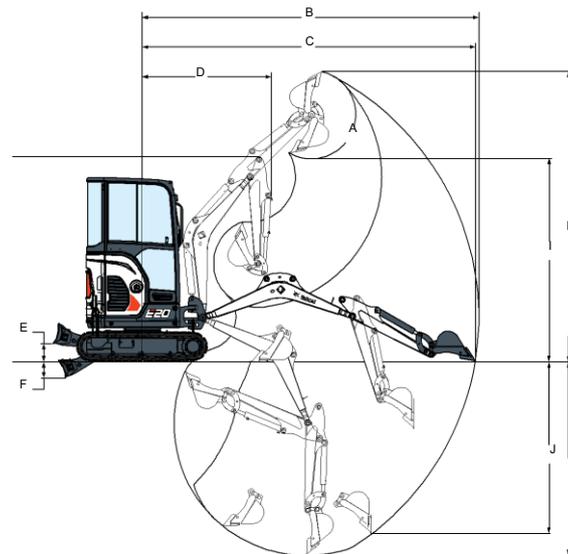
* (1) Tip Over Protective Structure (TOPS) – Meets requirements of ISO 12117. (2) Roll Over Protective Structure (ROPS) – Meets requirements of ISO 3471. (3) Falling Object Protective Structure (FOPS) – Meets requirements of ISO 3449.

OPTIONS

| | |
|---|---|
| TOPS/ROPS cab with heater | Keyless start |
| AM/FM MP3 stereo radio | Travel motion alarm |
| Cab/canopy light kit | 2nd Auxiliary hydraulics |
| Clamp ready long dipperstick | Auxiliary hydraulic line on dipperstick |
| Long dozer blade | Hydraulic clamp |
| Comfort package | Klax and Lehnhoff couplers |
| - Fingertip auxiliary and offset hydraulic control with selectable auxiliary hydraulic flow | Boom Load Holding Valve |
| - Auto Shift Drive Motors | Object handling certified |
| - Superior seat with high back (Canopy) | |
| - Deluxe textile suspension seat (Cab) | |

WORKING RANGE

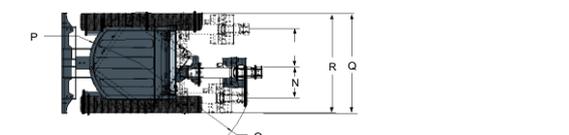
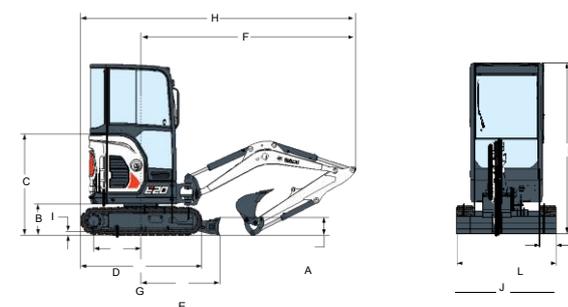
std./long dipperstick* – std./long dozer blade**



| E20 | | E20 | |
|-----|---------|-----|---------|
| A | 196° | F** | 254 mm |
| B | 4134 mm | G | 2564 mm |
| B* | 4307 mm | H | 3573 mm |
| C | 4089 mm | H* | 3701 mm |
| C* | 4264 mm | I | 2566 mm |
| D | 1592 mm | I* | 2693 mm |
| D* | 1611 mm | J | 1948 mm |
| E | 220 mm | J* | 2115 mm |
| E** | 300 mm | K | 2385 mm |
| F | 204 mm | K* | 2565 mm |

DIMENSIONS

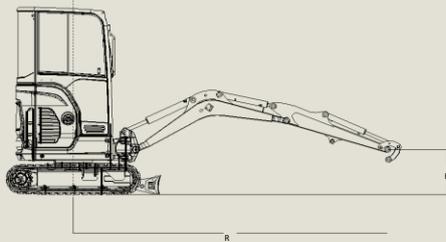
std./long dipperstick* – std./long dozer blade**



| E20 | | E20 | |
|-----|---------|-----|------------------|
| A | 235 mm | I | 25 mm |
| B | 419 mm | J | 1360 mm > 980 mm |
| C | 1138 mm | K | 2299 mm |
| D | 1258 mm | L | 230 mm E |
| | 1045 mm | M | 433 mm |
| E** | 1252 mm | N | 589 mm F |
| | 2882 mm | O | 1154 mm |
| F* | 2862 mm | P | 1009 mm |
| G | 1620 mm | Q | 1801 mm |
| H | 3688 mm | R | 1645 mm |
| H* | | | 3669 mm |

E20 — LIFT CAPACITIES

Picking up and placing heavy items is easy with the E20. E20 stability is comparable to that of best-in-class conventional machines on the market. In addition, these machines now come with an optional certified 'object handling device', which consists of: boom load holding valve, dipperstick load holding valve, hooking device and overload warning device.



E20 - RATED LIFT CAPACITY (Canopy, Standard dipperstick, Long blade)

| LIFT POINT HEIGHT [H] | LIFT RADIUS [R] | | LIFT @ max radius [R] | LIFT RADIUS [R] | | LIFT @ max radius [R] | LIFT RADIUS [R] | | LIFT @ max radius [R] | LIFT RADIUS [R] | | LIFT @ max radius [R] |
|-----------------------|-----------------|---------|-----------------------|-----------------|---------|-----------------------|-----------------|---------|-----------------------|-----------------|---------|-----------------------|
| | 2000 mm | 3000 mm | |
| 2000 mm | | *403 kg | *422 kg @ 3225 mm | | 311 kg | 227 kg @ 3225 mm | | 305 kg | 270 kg @ 3225 mm | | 192 kg | 158 kg @ 3225 mm |
| 1000 mm | *646 kg | *469 kg | *402 kg @ 3583 mm | *646 kg | 306 kg | 227 kg @ 3583 mm | *646 kg | 301 kg | 223 kg @ 3583 mm | 331 kg | 175 kg | 126 kg @ 3583 mm |
| Ground | *932 kg | *508 kg | *380 kg @ 3565 mm | 526 kg | 297 kg | 224 kg @ 3565 mm | 509 kg | 289 kg | 222 kg @ 3565 mm | 281 kg | 164 kg | 124 kg @ 3565 mm |
| -1000 mm | *769 kg | *418 kg | *368 kg @ 3162 mm | 546 kg | 297 kg | 261 kg @ 3162 mm | 516 kg | 294 kg | 260 kg @ 3162 mm | 286 kg | 168 kg | 145 kg @ 3162 mm |

E20 - RATED LIFT CAPACITY (Cab, Long dipperstick, Long blade)

| LIFT POINT HEIGHT [H] | LIFT RADIUS [R] | | LIFT @ max radius [R] | LIFT RADIUS [R] | | LIFT @ max radius [R] | LIFT RADIUS [R] | | LIFT @ max radius [R] | LIFT RADIUS [R] | | LIFT @ max radius [R] |
|-----------------------|-----------------|---------|-----------------------|-----------------|---------|-----------------------|-----------------|---------|-----------------------|-----------------|---------|-----------------------|
| | 2000 mm | 3000 mm | |
| 2000 mm | | *341 kg | *380 kg @ 3422 mm | | *341 kg | 274 kg @ 3422 mm | | *341 kg | 272 kg @ 3422 mm | | 205 kg | 165 kg @ 3422 mm |
| 1000 mm | *532 kg | *423 kg | *372 kg @ 3758 mm | *532 kg | 321 kg | 233 kg @ 3758 mm | *532 kg | 316 kg | 229 kg @ 3758 mm | 348 kg | 189 kg | 135 kg @ 3758 mm |
| Ground | *952 kg | *498 kg | *364 kg @ 3741 mm | 552 kg | 315 kg | 230 kg @ 3741 mm | 535 kg | 306 kg | 227 kg @ 3741 mm | 304 kg | 180 kg | 133 kg @ 3741 mm |
| -1000 mm | *835 kg | *453 kg | *351 kg @ 3365 mm | 577 kg | 316 kg | 263 kg @ 3365 mm | 545 kg | 313 kg | 262 kg @ 3365 mm | 313 kg | 186 kg | 154 kg @ 3365 mm |

* Rated hydraulic lift capacity
The lifting capacities are based on ISO 10567 and do not exceed 75 % of the static tilt load of the machine or 87 % of the hydraulic lifting capacity of the machine. The lifting capacities exclude a standard bucket

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.



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