Bobcat®

# COMPACT EXCAVATORS

# E85 R

| | |
|---|---|
| Operating Weight | 8767 kg |
| Engine Power | 49.2 kw |
| Bucket Capacity | 0.23m$^3$ |

Scan the code to watch E85 R video

One Tough Animal®

# E85 R — SPECIFICATIONS

## Weights

| | |
|---|---|
| Operating weight (ISO 6016) | 8767 kg |
| Ground pressure with rubber tracks | 34.34 kPa |

## Engine

| | |
|---|---|
| Make / Model | Doosan / 2.4L Bobcat Engine (Tier 4) |
| Fuel | Diesel |
| Number of cylinders | 4 |
| Displacement | 2.4 L |
| Maximum power(SAE J1995) | 49.2 kW (65.9 HP) |
| Maximum torque (SAE J1995) | 251.5 Nm |

## Performance

| | |
|---|---|
| Digging force, arm (ISO 6015) | 36,712 N |
| Digging force, bucket (ISO 6015) | 72,368 N |
| Drawbar pull | 68,564 N |
| Travel speed (low) | 2.7 km/h |
| Travel speed (high) | 4.7 km/h |

## Hydraulic System

| | |
|---|---|
| Pump type | Variable displacement piston pump with pressure compensating, load sensing and torque limiter control |
| Pump capacity | 149.0 L/min |
| Auxiliary flow | 95.0 L/min |
| Auxiliary relief | 210.0 bar |

## Swing System

| | |
|---|---|
| Boom swing (left) | 64.0° |
| Boom swing (right) | 61.0° |
| Swing speed | 9.0 RPM |

## Fluid Capacities

| | |
|---|---|
| Cooling system | 10.0 L |
| Engine lubrication plus oil filter | 8.6 L |
| Fuel tank | 116.0 L |
| Hydraulic system | 62.6 L |

## Standard Features

| | |
|---|---|
| TOPS/ROPS/FOPS cab with air conditioner and audio[1] | Auto shift travel |
| 2200 mm dozer blade | Travel motion alarm |
| 400 mm rubber tracks | Work light |
| Auxiliary hydraulics with quick couplers on boom | Engine/hydraulic monitor with shutdown |
| 2nd auxiliary hydraulics with quick couplers on boom | Key ignition |
| Horn | Auto idle |
| Hydraulic joystick controls | Joystick pattern selector |
| Retractable seat belt | Fingertip auxiliary hydraulic control |
| Cloth suspension heating seat | Hydraulic pin grabber |
| Cupholder | Boom and arm load holding valve |

1. Roll Over Protective Structure (ROPS) – 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.

## Options

| | |
|---|---|
| 7" Deluxe display | Mirror kit |
| Keyless Ignition | Additional work lights kit |
| Hydraulic clamp | Rubber bolt-on pads for steel tracks kit |
| Additional add-on counterweight | Depth check kit |
| Beacon kit | |

## Working Range

| | | | |
|---|---|---|---|
| (A) | 182.0° | (G) | 5057.0 mm |
| (B) | 7367.0 mm | (H) | 6905.0 mm |
| (C) | 7235.0 mm | (I) | 5027.0 mm |
| (D) | 2809.0 mm | (J) | 3392.0 mm |
| (E) | 425.0 mm | (K) | 4694.0 mm |
| (F) | 382.0 mm | | |

## Dimensions

| | | | |
|---|---|---|---|
| (A) | 447.0 mm | (J) | 2200.0 mm |
| (B) | 710.0 mm | (K) | 2658.0 mm |
| (C) | 1667.0 mm | (L) | 450.0 mm |
| (D) | 2219.0 mm | (M) | 622.0 mm |
| (E) | 1904.0 mm | (N) | 907.0 mm |
| (F) | 4883.0 mm | (O) | 2351.0 mm |
| (G) | 2860.0 mm | (P) | 1430.0 mm |
| (H) | 6316.0 mm | (Q) | 2527.0 mm |
| (I) | 28.0 mm | (R) | 2200.0 mm |

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.


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**B-1962** (06/20)