# OFKC 500 R3 EB-Basic

Cordless edge router | 18 V | Festool product number 577985

Compact, battery-powered edge router for rounding, chamfering and flush trimming wood, plastics and comparable materials. The R3 variant includes a 3 mm radius roundover cutter.

## TECHNICAL SPECIFICATIONS

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| Rated battery voltage | 18 V |
| Drive | Brushless EC-TEC motor |
| No-load speed | 10,000–25,000 rpm |
| Maximum cutter diameter | 27 mm |
| Fine-adjustment travel | 10 mm; adjustment resolution 0.1 mm |
| Dust extraction connection | 27 mm |
| Weight without accessories | 1.30 kg |
| Transport weight incl. accessories | 3.50 kg |
| Motor control | MMC electronics: variable speed, constant speed under load and temperature monitoring |

## DESIGN AND FUNCTION

The hard-fibre base runner helps prevent scratches. A balanced body and solid cutter-to-drive connection support stable guidance. The spindle stop facilitates cutter changes. A ball-bearing brake and transparent extraction attachment support guided edge finishing.

Compatible Festool Bluetooth battery packs can automatically start supported Festool dust extractors. Battery pack and charger are not included.

# APPLICATIONS & EQUIPMENT

## RECOMMENDED APPLICATIONS

Rounding and chamfering square timber, door frames and boards; flush trimming of veneer edges and strip material; detailed edge finishing in cabinetry and joinery. Use cutters and settings suitable for the workpiece material.

## NOISE AND VIBRATION (MANUFACTURER DECLARED)

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| A-weighted sound pressure, LpA | 82 dB(A) |
| A-weighted sound power, LWA | 90 dB(A) |
| Noise uncertainty, K | 1.5 dB |
| Vibration total value, ah | 2.5 m/s² |
| Vibration uncertainty, K | 1.5 m/s² |
| Test standard | EN 60745-2-17 |

## SCOPE OF DELIVERY — BASIC

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|---|---|
| Roundover cutter | HW R3-OFK 500 Z1 |
| Ball-bearing guide | KLS-D 15.8-OFK |
| Extraction accessory | Dust extraction attachment with ball-bearing brake |
| Additional brake | Spring-steel ball-bearing brake |
| Transport case | Systainer³ SYS3 M 187 |
| Not supplied | 18 V battery pack and charger |

## SOURCE & IMPORTANT NOTES

Source: Festool official OFKC 500 R3 EB-Basic product listing (article 577985), festool.com/products/cordless-products/cordless-edge-router/577985---ofkc-500-r3-eb-basic. Always consult the original operating instructions for safety requirements and approved accessories.

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