



Impact Drill

PSB 850-2 RE

The Expert Impact Drill PSB 850-2 RE from Bosch: Power to the max

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Key product features

- For do-it-yourselfers with the highest demands: the powerful 850 W motor together with the 2-speed gearbox and simultaneously ergonomic design meets all demands with regard to power and robustness
- Equipped with an extremely robust, insulated aluminium housing
- Bosch Electronic: speed preselection and control using setting wheel and trigger switch – for material-specific working and fingertip control of the power, e.g. when starting to drill in smooth surfaces and when driving screws

Other product advantages

- With 2-speed gearbox that provides high torque in 1st gear and high speed in 2nd gear
- Single-sleeve keyless chuck with Bosch Auto-Lock for the fastest and easiest tool changes
- Outstanding handling ensures perfect control and optimum user comfort
- Forward/reverse operation
- Convenient working due to integrated switch for continuous operation
- Dust extraction port – dust extraction available as an optional accessory
- Screwdriving/Drilling/Impact drilling function switch for material-specific working
- New cable guide with hanging hook for practical storage

Comes complete with

- Plastic case
- Depth stop (2 603 001 019)
- Auxiliary handle (2 602 025 102)

Part number: 0603173000

EAN code: 3165140512541



Impact Drill

PSB 850-2 RE

Technical data

Power input: 850 W

Power output: 420 W

Max. torque (1st gear / 2nd gear): 46,0 / 12,0 Nm

No-load speed (1st gear / 2nd gear): 50 – 850 / 2.800 rpm

Impact rate: 47.600 bpm

Machine weight: 2,5 kg

drilling range

Max. drilling diameter in concrete (1st gear / 2nd gear): 18 / 13 mm

Max. drilling diameter in steel (1st gear / 2nd gear): 13 / 8 mm

Max. drilling diameter in wood (1st gear / 2nd gear): 40 / 25 mm

Screw diameter max.: 10 mm

Noise / vibration information

Measured values determined according to EN 60745.

Total vibration values (vector sum of three directions).

Drilling in metal

Vibration emission value ah: 6.0 m/s²

Uncertainty K: 1.5 m/s²

Impact drilling in concrete

Vibration emission value ah: 26.0 m/s²

Uncertainty K: 2.5 m/s²

Screwdriving

Vibration emission value ah: 2.5 m/s²

Uncertainty K: 1.5 m/s²

Thread-cutting

Vibration emission value ah: 2.5 m/s²

Uncertainty K: 1.5 m/s²

The A-rated noise level of the power tool is typically as follows: Sound pressure level 97 dB(A); Sound power level 108 dB(A). Uncertainty K= 3 dB.



Functions



Power input

850 watts



2-speed gearbox

High power in 1st gear, high speed in 2nd gear



Keyless chuck

Fast bit changes due to automatic spindle lock



Speed preselection

Material-specific work with the right amount of power



Forward/reverse rotation

For inserting and removing screws



Bosch Electronic

Speed control using the trigger switch

Functions

Keyless chuck

2-speed gearbox

Bosch Auto-Lock

Speed preselection

Right-hand/left-hand rotation

Bosch Electronic

Softgrip

Application: screwdriving / drilling / impact drilling