



FEIN



AGSZ 18-90 LBL AS

Cordless die grinder

Dust-resistant and powerful, compact cordless die grinder with large plunge depth for grinding and polishing work.

Product number: 7 123 06 61 00 0

Details

- + Guarantees very long life with the next generation of brushless FEIN PowerDrive motors. Totally closed motor housing protects the motor from aggressive ceramic and mineral dusts.
- + Ideal for every application. Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.
- + Powerful. 30 % more efficiency than comparable universal motors with a rated output of 1 100 W.
- + COOLPACK 2.0 technology delivers a 135% longer battery life and therefore makes longer operating times possible.
- + State-of-the-art cell technology and intelligent battery management deliver 87% more power than with conventional batteries.
- + ProCORE Li-Ion battery with high-power cells, charge status indicator and "Electronic Cell Protection" (ECP). ECP protects against overload, overheating and total discharge.
- + Very smooth running and low-vibration working thanks to motor being decoupled from the housing and mounted separately and four additional vibration dampers.
- + Extensive user protection features include soft start, restart protection and electronic overload protection.
- + Innovative collets with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.
- + Fatigue-free working thanks to narrow grip dimensions, compact design and a well-balanced low weight.
- + Separate motor electronics with dust guard in handle area.
- + Compatible with all 18 V AMPShare ProCORE batteries and chargers for even more power and flexibility. Also suitable for 18 V Bosch Professional cordless devices.
- + Bright working area thanks to integrated LED light.
- + Ideally equipped for every job. Mobile working with the XL-BOXX system.
- + Long, narrow neck allows tool to plunge a long way into workpieces (e.g. grinding inside pipes).
- + Removable rubber collar bearing cover.

Price includes

- + 1 collet Ø 6 mm
- + Jaw spanner SW17
- + Jaw spanner SW13
- + 1 tool case (XL-BOXX)

Product feature

- + POWERtronic tachometer electronics
- + Restart protection
- + Electronic overload protection
- + Long neck
- + Soft start
- + Blockage monitoring
- + Electronic speed preselection

Application



Grinding

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Brushing

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Satin-finishing

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Polishing

++

+ suitable

++ well suitable

Technical data

TECHNICAL DATA

Battery voltage	18 V
Battery compatibility	Li-ion / ProCORE Li-ion
Battery interface	18 V AMPShare
Motor	brushless
Speed, no load	2,900 - 9,000 rpm
Polishing disc Ø	80 mm
Grinding wheel for max. Ø	50 mm
Collet for max. Ø	8 mm
Max. cutter diameter	12 mm
Weight without storage battery	1.77 kg

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Uncertainty of measured value
KpA

83 dB
3 dB

Sound power level LWA
Uncertainty of measured value
KWA

94 dB
3 dB

Sound peak value
LpCpeak
Uncertainty of measured value
KpCpeak

97 dB
3 dB

Vibration value 1 α_{hv} 3-way
Vibration value 2 α_{hv} 3-way

$\alpha_{h,SG}$ (Ø 50mm) 3,2 m/s²
 $\alpha_{h,SG}$ (Ø 25mm) 1,2 m/s²

Uncertainty of measured value
K α

1,5 m/s²

Application examples



FEIN



Powered by  **BOSCH**

**Kompatibel mit
AMPShare-/ Bosch
Professional 18 V
Akkus.** | Compatible
with AMPShare/Bosch

Professional 18 V batteries. | Compatible avec
les batteries 18 V AMPShare/Bosch Professional. |
Compatible con baterías AMPShare/Bosch
Professional de 18 V. | Compatibile con le batterie
AMPShare / Bosch Professional da 18 V.

