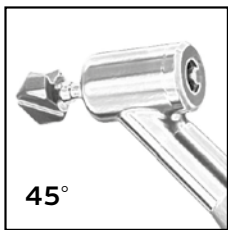


AIRLINER ONE

The perfect hand-held tool for industrial applications.

Airliner One / Elec Bonding Set

Leading aircraft manufacturers rely on the quality and development performance of the Airliner One - Elec Bonding Set for mass point creation and mass deburring. At the same time, several disadvantages of comparable conventional compressed air devices were eliminated during the development.



The Airliner One was developed in Germany in close cooperation with the aerospace industry and is also produced in Germany. The lasting quality is guaranteed by testing every single unit.

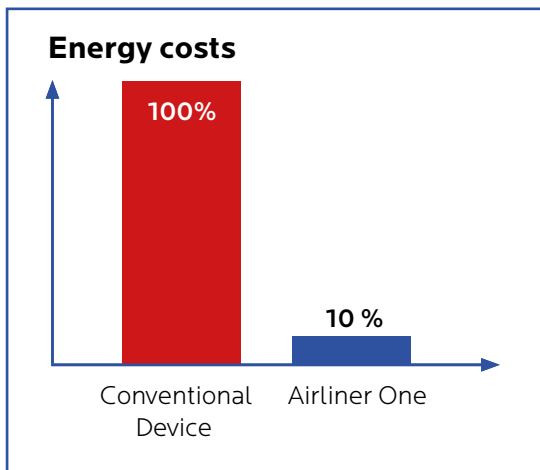
MVK[®]

QUALITY
MADE IN
GERMANY

line industry

Rentability

With the Airliner One, operating costs can be reduced many times over.



Reduce energy costs

The AL-1 battery deburrer reduces your energy costs by up to 90% compared to compressed air powered tools.

Your CO2 emissions are reduced to 1/3 and your performance is increased enormously in the process.

- Up to 3000 deburring operations can be performed with one battery charge.
- The charging time of the battery is max. 2 hours.

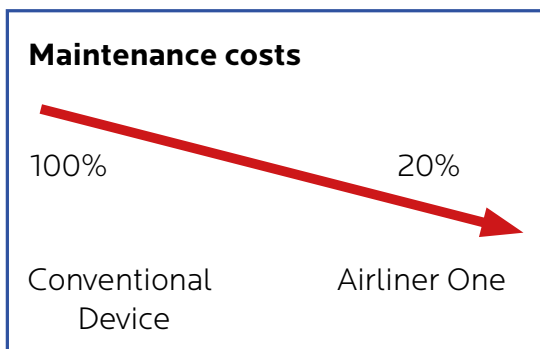
Energy cost/working hour:

Compressed air device
on average = 0,45 €/hr.
AL-1 Battery deburrer
= 0,000305€/hour.

Save maintenance costs

High quality and good handling give you great product safety. The savings effect is also clearly visible in the maintenance costs the energy reduction and less consumables, which with the AL-1 battery deburrer from 100% to 20%.

Our AL-1 battery deburrer is almost maintenance-free.



The savings compared to pneumatic tools are the following wear parts:

- Seals
- Hoses
- Plug connections to the compressed air line
- Oil or other operating fluids

Better quality



Minimize quality costs

With the AL-1 battery deburrer, the production of perfect ground points is no problem. It creates a 100% conductivity to the processed material and thus ensures increased safety of electrical contact surfaces in aircraft construction.

The high quality of the ground points reduces the cost of rework to a minimum.

Pneumatic tools

With steel brush

Error ground contact



AL-1 Accu deburrer

with countersinking tool

0-fault ground contact



Optimize handling

Low weight, no cables or hoses - the AL-1 battery deburrer guarantees ergonomic handling and a high degree of precision for you and your employees. Thanks to its small dimensions, it can be used optimally at any angle. You generate profit through time savings, reduced sick leave and high productivity. Thanks to the precise concentricity of 3/1000mm on the tool and the speed optimally set for deburring of 400 min⁻¹, perfect deburring processes can be carried out.

This prevents reworking of the processed material.



**Poor access with
inaccurate editing**



**Optimal use
with high precision**

AL-1 advantages

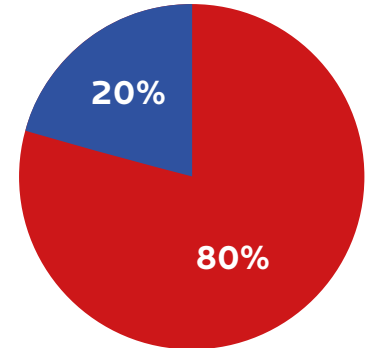
Relieve environment

Save energy, reduce emissions, promote sustainability. With the AL-1 battery-powered deburrer, you make an important contribution to environmental protection, CO2 emissions and significantly reduce CO2 emissions compared to compressed air-powered tools.

Your energy costs alone can be reduced by up to 99.9% per unit.



CO₂-emission



■ Pneumatic tools
■ Airliner One

Health advantages

The AL-1 battery-powered deburrer relieves the employee, e.g. during mass deburring operations:

- Extremely low noise level compared to compressed air-driven tools.
- Relief of the wrist and tendon area due to the low own weight
- No residues of spray oils or other operating fluids in the breathing air
- Accident reduction due to no hose lines lying around
- No toxic gases are produced by the paint removal process when working on ground points.

These factors lead to a reduction of your sick leave.

Weight: 1100 g

(Without hose)

Noise level: >73 dB



Weight: 325 g

Noise level: <20 dB



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line industry

Spotfacer Sets



Elec Bonding Set

No. 13300SFMA1

The „all in one“ package when creating mass points and mass deburring.

- Rotation speed: 400 rpm
- LED illumination of the work surface
- On/off button on the airliner
- The right angle head for every application.



Pos.	Article-No.	Description
1	13345SFMA1	AL-1 45° Accu-Deburrer
2	13390SFMA1	AL-1 90° Accu-Deburrer
3	12000	Lino-1 Charging station
4	MVK700.0080	Power plug for Lino-1
5	MVK700.0156	Open-end wrench 4x4
6	MVK700.0218	Locking sleeve
7	MVK700.0126	Back Spotfacer 14 x 4,70
8	MVK700.0127	Spotfacer 14 x 4,70
9	MVK700.0128	Spotfacer 11 x 2,94
10	MVK700.0198	Spotfacer 11 x 3,18
11	MVK700.0199	Spotfacer 14 x 4,94
12	MVK700.0200	Spotfacer 11 x 4,70
13	MVK700.0201	Spotfacer 16 x 6,26

Spotfacer Sets



SF-1 Set 90°

No. 13290AL1



SF-1 Set 45°

No. 13245AL1



SF-1 Set 0°

No. 13200AL1

Suitcase sets

The Airliner One - Spotfacer design provides the precision required for industrial requirements. The cases include a variation of ground spot countersinks. Others can be purchased separately.

Technical data AL-1:

- Speed: 400 rpm
- Energie supply: Li accu 3,7 V, 2600 mAh
- Length: 280 mm
- Diameter: Ø 33 mm
- Weight: 325 g
- Collet Chuck: Ø 3 mm standard (optional) Ø 2,35 mm ; Ø 1/8"
- Charging time accu: < 2 hours
- Noise level: < 20 dB

Pos.	Article-No.	Description
1	--	AL-1 Accu-Deburrer
2	12000	Lino-1 Charging station
3	MVK700.0080	Power plug for Lino-1
4	MVK700.0156	Open-end wrench 4x4
5	MVK700.0218	Locking sleeve
6	MVK700.0126	Back Spotfacer 14 x 4,70
7	MVK700.0127	Spotfacer 14 x 4,70
8	MVK700.0128	Spotfacer 11 x 4,70
9	MVK700.0129	Spotfacer 10 x 4,70
10	MVK700.0130	Spotfacer 13 x 4,70
11	MVK700.0243	Mounting AL.1 Suction hose cpl.

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More Airliners

Airliner
with different
collets
available



AL-2 Set

- No. 15000AL2 (0°)
- No. 15045AL2 (45°)
- No. 15090AL2 (90°)

800 rpm

AL-3 Set

- No. 17000AL3 (0°)
- No. 17045AL3 (45°)
- No. 17090AL3 (90°)



2.800 rpm



AL-4 Set

- No. 19000AL4 (0°)
- No. 19045AL4 (45°)
- No. 19090AL4 (90°)

11.000 rpm

Pos.	Article-No.	Description
1	--	AL-2/3/4 Accu-deburrer
2	12500	Lino-2 Charging station
3	MVK700.0080	Power plug for Lino-1
4	MVK700.0156	Open-end wrench 4x4
5	MVK700.0218	Locking sleeve
6	MVK700.0243	Mounting AL.1 Suction hose cpl.

Accessories

Pos.	Article-No.	Description
1	MVK700.0126	Back Spotfacer 14 x 4,70
2	MVK700.0168	Spotfacer Ø 10 x 3,8
3	MVK700.0165	Spotfacer Ø 10 x 4,0
4	MVK700.0129	Spotfacer Ø 10 x 4,7
5	MVK700.0128	Spotfacer Ø 11 x 2,94
6	MVK700.0198	Spotfacer Ø 11 x 3,18
7	MVK700.0200	Spotfacer Ø 11 x 4,7
8	MVK700.0097	Spotfacer Ø 12,7 x 3,9
9	MVK700.0111	Spotfacer Ø 12,7 x 4,2
10	MVK700.0098	Spotfacer Ø 12,7 x 5,1
11	MVK700.0169	Spotfacer Ø 12 x 3,8
12	MVK700.0241	Spotfacer Ø 12 x 4,8
13	MVK700.0167	Spotfacer Ø 12 x 6,3
14	MVK700.0078	Spotfacer Ø 13 x 5
15	MVK700.0130	Spotfacer Ø 13 x 4,7
16	MVK700.0166	Spotfacer Ø 14 x 4,3
17	MVK700.0127	Spotfacer Ø 14 x 4,7
18	MVK700.0199	Spotfacer Ø 14 x 4,94
19	MVK700.0240	Spotfacer Ø 15 x 3,79
20	MVK700.0201	Spotfacer Ø 16 x 6,26
21	MVK700.0257	Spotfacer Ø 8 x 2,49
22	MVK700.0027	Countersink Ø 10,4 mm
23	MVK700.0202	Back Spotfacer Ø 14 x 3 mm
24	MVK700.0028	Countersink Ø 10,4 x 3 mm
25	MVK700.0043	Countersink Ø 12,4 x 3 mm long
26	MVK700.0044	Countersink Ø 12,4 x 3 mm short
27	MVK700.0088	Countersink Ø 10,4 x 3 mm
28	MVK700.0089	Countersink Ø 10,4 x 3 mm
29	MVK700.0125	Countersink Ø 6,9 x 3 mm
30	MVK700.0163	Countersink Ø 10,6 x 3 mm

UK Representative:

MASTER
ABRASIVES

01327 703813
sales@master-abrasives.co.uk
www.master-abrasives.co.uk

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