

## The SUHNER battery series. Finest grinding without cables.

Battery tools are gaining in popularity. After all, there are not always sockets available where electricity is needed. Especially on construction sites, in stairwells, and in places difficult to access, annoying cables can make the work unnecessarily awkward and even jeopardize the results. This is where powerful battery equipment comes in.

### No more unnecessary cable stress

As part of its Abrasive Expert program, SUHNER has expanded its product range, which now offers the familiar grinding attachments for the battery series. Grinding is now under control wherever it takes place. The new compact devices have been designed for special requirements. They are characterized by high power outputs and long battery runtimes, and their low weight ensures particular maneuverability for fatigue free work.

### Four for all cases

The new special series includes a tube polisher, a fillet weld grinder, a particularly slender belt grinder with contact arm, and a straight grinder. The devices are available singly or as a complete set in a robust case with charger, two battery packs, and four connecting lines for international use.

The **tube polisher ATC 7** is ideal for tubes up to 45 mm in diameter. Its large wraparound angle of at least 180° ensures fast, efficient work.

This battery tube polisher can therefore demonstrate its perfected maneuverability in tight elbows as well. No contact pressure is used for the wraparound.

Material can then be removed to a very fine degree, leading to outstanding results.



The **battery fillet weld grinder AKC 3** has been developed specifically for metal structures. Its reduction gears make it an extremely powerful tool. Thanks to its compact design, long neck (140 mm), and the ultra small angled head (45 mm), it is ideal for work on fillet welds in tight places. The device and its battery pack together weigh only 2.2 kg for a pleasant, lightweight feel in the hand.



The **battery belt grinder ABC 7** is a good choice for work in places difficult to access. The grinding and polishing belts can be changed in seconds, enhancing greatly the work rate in the field. The standard equipment includes a universal contact arm that can be used with belts 3, 6, and 12 mm wide. For the greatest possible flexibility, there are 6 different contact arms available for belts 3–19 mm wide. The ABC 7 works at 7,000 rpm, and its 2.4 kg also makes it a maneuverable and powerful lightweight.



Last but not least, there is the **battery straight grinder ASC 9**. This universal machine is ideal for work with nonwoven brushes and flap wheels. With the ASC 9, it couldn't be any easier to remove tarnishing or to blend into matte surfaces, e.g. on square tubes. For surface work, reduction gears deliver a high torque and an unvarying working speed for a uniform grinding pattern. The grinder operates at a speed of 9,000 rpm and weighs only 2.0 kg including the battery pack. The user can choose the 6 mm or 1/4" standard chuck.



### **Ergonomic battery power with intelligence**

All four battery tools of the new generation have been designed according to state of the art ergonomic principles. They feature high performance Li ion cells with 4.0 Ah charging capacity and efficient battery technology with intelligent battery management. In other words: an optimized interaction of all components and the best utilization of power. Furthermore, the machine and battery pack temperature is monitored continuously, and the electronics shut down the device automatically before it overheats or overloads.

The lithium ion batteries feature a constantly high power output, a very low self discharge, and zero memory effect. They can therefore be placed in the charger irrespectively of their charged state and can be used only half charged e.g. for remaining work.

A detachable particle guard protects the motor from coarse dust. The battery packs themselves are housed in a shock absorbent rubber jacket that shields them from the hard knocks on the everyday building site. The charger too appeals to the professional: Cell charging is monitored by electronics. This protects the batteries from overcharging and overheating, safeguarding the optimal charged state and a long battery life.

## To sum up

The new SUHNER battery series grinders offer a lot of power and reserves and are ideal for a wide range of applications for all fine and coarse grinding work in the professional field. In this respect, they provide the best maneuverability, also at places where reliable and good results can be achieved only with difficulty.

## It depends on the application

Crucial is not only the machine or abrasive alone, but their correct interaction in the application. A specialist in machines for surface working, SUHNER offers a unique portfolio that includes not only the machines with all(!) drive types, but also a wide range of abrasives for all requirements. It is therefore a recurring point of interest for users to have an applications consultant test equipment free of charge for the quite specific application on site. The result is coordinated process steps that extract the best cost effectiveness and process alignment from both machine and tools.



All you need on the way, clearly organized and within reach: battery grinder, 2 x battery pack, and 4 x connecting line for international use.



The battery tube polisher ATC 7 achieves the best fine grinding results without great pressure.



Thanks to its high power output and slender, compact design, the battery fillet weld grinder AKC 3 makes light work no matter where.



Belt grinder ABC 7, the ideal companion for maneuverable grinding.



Delivering a high torque and an unvarying working speed, the battery straight grinder ASC 9 is the best solution for a uniform grinding pattern as needed e.g. on metal structures.

**OTTO SUHNER AG**

**Engineering**

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