

Grinding and polishing

New from FLEX: the world's first EC smart polisher, an all-rounder for small surfaces

Steinheim, October 2019 – With the new 10.8 V cordless smart polisher FLEX PXE 80 10.8-EC, from the autumn onwards FLEX-Elektrowerkzeuge GmbH is marketing an all-rounder designed for a wide variety of small-area tasks in surface optimisation: The new polisher can master all tasks from daisy disc grinding to hologram-free finishing. Fitted with two drive types and a toolless quick-change system, the FLEX smart polisher is a versatile supplementary unit for all kinds of work on motor vehicles, in aviation, maritime applications, on furniture and acrylic glass and also for smart repairs.

"Whether it's for quick repairs to a damaged spot, daisy disc grinding, very fine polishing work of defect correction, hologram removal or finishing: The new 10.8 V cordless polisher FLEX PXE 80 is the tool of choice that combines perfect handling with maximum flexibility in all of this work", explains Oliver Gnann-Geiger, Marketing Director of FLEX-Elektrowerkzeuge GmbH. Users can change quickly and easily between the drive types "rotary" or "freewheeling orbital with 3 or 12 mm stroke" toolless changing in order to adapt the unit to their job. This gives rise to many different areas of use in which users can achieve the desired result with the FLEX smart polisher in a way that is both gentle on the material and efficient. For rotary applications, options for use are 30 mm Velcro-backed pads or grinding pads for self-adhesive daisy discs, with the additional option of using 75 mm Velcro-backed pads for polishing and grinding in freewheeling orbital applications.

Perfected product design

The world's first EC smart polisher from FLEX has a brushless motor that supports better performance, longer runtimes and a longer service life compared with conventional tools. The speed control switch with lock ensures a slow and

sensitive start. With four speed settings and speed stabilisation, the FLEX smart polisher can be adapted to many different work conditions. The soft-grip handle section and a wide rubber bumper ring ensure safe handling and ergonomic working. The FLEX PXE 80 10.8-EC runs with 2.5 / 4.0 or 6.0 Ah battery packs that can be combined with all 10.8 V FLEX units. The new smart polisher from FLEX is optionally available as a solo unit without equipment or inclusive of all the basic equipment in a matching L-BOXX® (EU only).

(2,460 char. incl. SP)

Technical data:

Designation	PXE 80 10.8-EC
Max. polishing head Ø	80 mm
Max. support place Ø	75 mm
Strokes	3 & 12 mm
Idling speed	400-2000/-3000/-4000/-5800 / min
Stroke rate at no-load	800-4000/-6000/-8000/-11600 / min
Battery voltage	10.8 V
Battery capacity	2.5/4.0/6.0 Ah
Battery operating time	2.5 Ah up to 20 min 4.0 Ah up to 35 min 6.0 Ah up to 50 min
Weight without battery	0.630 kg

Photos (FLEX-Elektrowerkzeuge GmbH, can be reprinted free of charge):

	<p>The 10.8 V cordless smart polisher FLEX PXE 80 10.8-EC is the world's first EC spot polisher.</p> <p>Photo: pxe80_10-8-ec_ap25_mit_pad</p>
	<p>The FLEX PXE 80 10.8-EC has a soft-grip surface that is favourably positioned to allow flexible gripping options that conventional polishers do not offer.</p> <p>Photo: pxe80_10-8-ec_softgrip.jpg</p>
	<p>Users can change quickly and easily between the drive types "rotary" or "freewheeling orbital with 3 or 12 mm stroke" toolless changing in order to adapt the unit to their job.</p> <p>Photo: anw_pxe80_10-8-ec_10</p>
	<p>The ventilation openings of the FLEX smart polisher PXE 80 are located outside the handle area: for low heat build-up and safe use.</p> <p>Bild: anw_pxe80_10-8-ec_17.jpg</p>
	<p>The FLEX cordless smart polisher PXE 80 won the Plus X Award 2019/2020 in the categories</p> <ul style="list-style-type: none"> - High Quality - Ease of Use - Functionality <p>Bild: pxa_hqbf_en_pos.jpg</p>

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About FLEX

For FLEX-Elektrowerkzeuge GmbH, based on the south German town of Steinheim/Murr, the craftsman comes first. For this reason, this renowned power tools manufacturer has for over 90 years been going to wherever these are used: Building sites, workshops and factories. Continuous dialogue and many years of experience mean that FLEX is constantly coming up with new and innovative solutions that ensure better and more economical working. FLEX products have already received many awards, including the Plus X Award 2019 & 2014, and the Red Dot Design Award 2018 & 2014, and the 'Designpreis Deutschland' 2011 and the IF product design award 2011. FLEX currently employs 240 people and sells its products via a global network of trade vendors. More information is available at www.flex-tools.com