

New angle grinders

The elite: Five new 2,000 watt angle grinders

Steinheim, July 2025

FLEX presents five new high-performance angle grinders in the 2,000 watt segment – powerful, efficient and well thought-out down to the last detail. Whether with paddle switch, especially for stainless steel applications or with an effective 150 mm cutting disc: These new models represent the spearhead of FLEX's metal expertise and set new standards in the premium segment of metalworking. The machines impress with maximum performance, practical details and an optimised machine design.

Five powerful models – tailored to professional requirements

1. **LBE 20-11 125-EC** – The versatile standard model with variable speed.
2. **LB 20-11 125-EC** – Variant with fixed speed, ideal for clear applications.
3. **LBE 20-8 125-EC INOX** – Specially optimised for stainless steel applications.
4. **LBP 20-11 125-EC** – With paddle switch and safety belt hook – predestined for industrial applications, for example on shipyards or scaffolding.
5. **LBE 20-10 150-EC** – Last but not least: Particularly effective due to maximum cutting depth with 150 mm discs.

Specific areas of application and strengths of the machines

The new 2,000 watt angle grinders from FLEX are specially tailored to the requirements of professionals in demanding working environments. Whether in workshops, on construction sites or in industry – their robust design, well thought-out ergonomics and powerful motorisation make them the ideal choice for a wide range of applications.

- **Locksmiths and metal construction companies**, for example, benefit from the high power density and the ability to work precisely and efficiently even under continuous stress – such as when cutting profiles to size or removing weld seams.
- **Industrial companies and shipyards** rely on the special paddle switch

version with safety belt hooks, which offers additional safety when working on scaffolding or in areas that are difficult to access.

- **Structural and civil engineering** requires robust machines with a high cutting depth – here the 150 mm model with powerful EC motor delivers excellent results, for example when cutting concrete or natural stone slabs.
- **Gardening, landscaping and stone working** benefit from reliable dust repellence thanks to the removable metal guard and the particularly handy design – perfect for precise stone cutting work or outdoor renovation projects.

Robust. Low maintenance. Geared to the future.

The new models are equipped with a brushless 2,000 watt EC motor, which is durable, low-maintenance and, with an efficiency of 74 percent, significantly more efficient than conventional brush motors. Ideal for long-term use in metalworking shops and industry. At the same time, they score points for their low maintenance requirements (no carbon replacement), slimmer design and particularly ergonomic handling.

The slide switch positioned at the top ensures optimum operability – for both right-handed and left-handed users. This is also a great advantage for cutting work where the angle grinder has to be guided in different positions, for example when cutting tiles or stone.

Another clever optimisation of the machines: The speed is now conveniently adjusted using robust buttons instead of a selection wheel that is sensitive to dust. And all this is also an ergonomic advantage: "The new machine design allowed us to inject soft inserts for a better grip and optimised ergonomics," explains Product Manager Sigmar Wagenknecht.

Innovative technology for professional requirements

The new FLEX angle grinders combine intelligent features with practical benefits – always with the real requirements of users in trade, construction and industry in mind.

- **Variable speed adjustment at the touch of a button (depending on model):** Six precisely harmonised speeds enable material-specific work – e.g. slow speeds for INOX applications or controlled cuts with sensitive





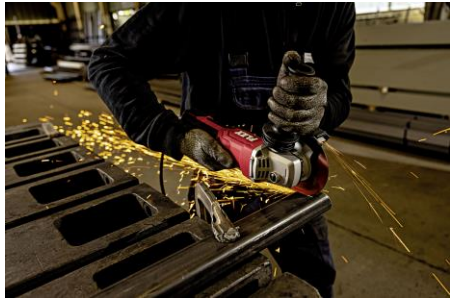
materials in gardening and landscaping.

- **Paddle switch with safety belt hook (LBP 20-11 125-EC):** Specially developed for industry – protects when working at height, for example on shipyards or assembly platforms.
- **Anti-vib side handle:** Noticeably reduces vibrations – ideal for long, fatigue-free work when grinding or cutting large metal surfaces.
- **Small gripping circumference (205 mm):** Ergonomically optimised for precise guidance – for example for pinpoint deburring in metalworking operations.
- **Removable metal protective grille:** Increases dust protection and extends the service life of the machine – a real plus in the construction and renovation sector.
- **Spindle stop for quick tool change:** Saves time on the construction site or in the workshop – no cumbersome changing of cutting discs.
- **Soft start, restart protection, overload protection, temperature monitoring, anti-kickback, constant electronics and brake:** Comprehensive safety and comfort functions – particularly relevant for continuous daily use in industry or construction.
- **Cutting guard clip:** For quick, tool-free adjustment of the cutting guard – greater flexibility in changing work situations.
- **Models with 125 mm and 150 mm disc diameter:** Can be selected depending on the application – from delicate stainless steel inserts to deep cuts through natural stone.

These practical features make the new FLEX angle grinders an indispensable tool for every professional who expects performance, safety and reliability at the highest level.

With the new 2,000 watt angle grinders, FLEX is once again demonstrating its consistent focus on professional users – with innovative technology, tried-and-tested solutions and a clear focus on metalworking.

Photos (FLEX-Elektrowerkzeuge GmbH, reprints free of charge):

	<p><i>The special model for stainless steel: The LBE 20-8 125-EC INOX impresses with its variable speed and perfect control for sensitive applications.</i></p> <p><i>Photo: lbe20-8_125-ec_inox</i></p>
	<p><i>Made for industry: The LBP 20-11 125-EC with paddle switch and safety belt hook – ideal for working on scaffolding or in confined industrial environments.</i></p> <p><i>Photo: lbp20-11_125-ec_sideview</i></p>
	<p><i>High-performance team: The new FLEX angle grinder range in the 2,000 watt segment – developed for the toughest demands in metal construction, building and trade.</i></p> <p><i>Photo: anw-lbe-lbe-range</i></p>
	<p><i>Flexibility meets ergonomics: The LBE 20-11 125-EC with six-stage speed adjustment for precise work with a wide range of materials.</i></p> <p><i>Photo: anw-lbe20-11-125-ec-01</i></p>
	<p><i>Powerful all-rounder: The LB 20-11 125-EC with fixed speed – ideal for clear, performance-orientated applications on the construction site or in the workshop.</i></p> <p><i>Photo: anw-lb20-11-125-ec-01</i></p>

Sebastian Glasner, Head of International Marketing
Bahnhofstraße 15
71711 Steinheim/Murr
Mail: press@flex-tools.com

About FLEX

For FLEX-Elektrowerkzeuge GmbH, based in 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 2020, 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

In our texts, the generic masculine is used for better readability. Female and other gender identities are explicitly included as far as it is necessary for the statement.