Cost-effective and precise assembly of PFLITSCH cable trunking

**Special machines enable more efficient processing of cable trunking**

HÜCKESWAGEN – Steel or stainless steel cable trunking facilitates safe and clear cable routing. PFLITSCH has efficient machines and tools to support engineering companies who prefer to cut, shape and install their cable trunking themselves.

Cable trunking is frequently adapted to different installation situations by cutting it to length with a saw or Flex. This is complicated and time-consuming – and it means more work as well as a greater risk of injury for the fitter. PFLITSCH’s new tools and machines provide a groundbreaking solution that makes work processes more efficient and scores with a rapid return on investment.

PFLITSCH machines make processing cable trunking incredibly simple and safe: the trunking bodies and covers are pushed into the contours in the cutting plate, then secured and cut to length in next to no time. No complex reworking is necessary because the cut parts have clean, low-burr edges. What’s more, the trunking keeps its shape throughout.

**MiniCut – for PIK-Trunking**

The compact PIK-Trunking system is considered a better option than installation in conduits because it can be opened over its entire length to allow cables to be laid. Using the new MiniCut (Photo 1), trunking can be cut cleanly to anything from 15/15 mm to 60/60 mm. The cutter can be operated with a manual or manual hydraulic drive or with a mains-operated or battery-powered hydraulic unit. Since very little physical effort is needed, the cutting process becomes child’s play even with a manual drive.

**MultiCut – customised cutting plates for customer trunking**

The new MultiCut (Photo 2) was developed by PFLITSCH for customers who want to process multiple cable trunking systems belonging to the Industrial-Trunking and PIK-Trunking series – often in different sizes – on a single machine. The cutting plates for these systems are individually tailored to each customer’s needs. Each cutting plate can have different contours depending on the cable trunking cross-section, e.g. 60 mm x 60 mm for PIK-Trunking and 75 mm x 75 mm for Industrial-Trunking. The MultiCut, too, can be operated with a manual or manual hydraulic drive or with a mains-operated or battery-powered hydraulic unit.

**MaxiCut – for efficient, high-volume cutting**

Engineering manufacturers where many different cable trunking systems are assembled serially take advantage of the MaxiCut with an integrated hydraulic unit (Photo 3). The handy workshop trolley, with a workbench and a large worktable, has space for storing all the required cutting plates for Industrial and PIK Trunking as well as drawers for tools. A height-adjustable support surface helps to align the cable trunking sections precisely for processing.

Customers choosing these tools save time and money when installing their trunking, leading to greater cost effectiveness. They also achieve more efficient use of materials and reduce the amount of waste, because the trunking can be precisely positioned before it is cut and aligned at a 90° angle. And since these machines provide effortless and safe handling, fitters profit from improved occupational safety.

An online payback calculator (“Amortisationsrechner”) – available in German in the myPFLITSCH customer service portal – helps customers determine easily how long it will take them, with their specific project volume, to recover the cost of purchasing a PFLITSCH machine.

More information about PFLITSCH machine programm is available here: <https://www.pflitsch.de/en/cable-trunking/machines-and-tools/>

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PFLITSCH is the international market leader when it comes to highly developed products and services for industrial cable management. Under the motto "Passion for the best solution", the family-owned company has created a holistic system of innovative solutions for cable routing, cable entry and cable protection. This ensures maximum safety and efficiency in a variety of different industries and application areas with the highest demands.

**Photo 1:** The MiniCut is designed for cutting the 10 cross-sections of the compact PIK-Trunking system – manually, mains-operated or battery-powered.

(Photo: PFLITSCH)

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**Photo 2:** PFLITSCH manufactures the cutting inserts for the new MultiCut individually for the customers' trunking systems. (Photo: PFLITSCH)

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**Photo 3:** The MaxiCut for larger quantities of trunking is mounted onto a practical workshop trolley with workbench and has integrated electro-hydraulics.

(Photo: PFLITSCH)