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FIPA expands its lifting technology: Ultra-flexible vacuum lifter for sheet metal processing

FIPA (www.fipa.com), the specialist in gripper, vacuum and lifting technology based near Munich, is really upping the ante: The company's new FIPA Spider is a vacuum crossbeam that will set benchmarks on the market. Thanks to its lightweight aluminium structure, the FIPA Spider is extremely easy to handle. Its modular construction and extensive accessories mean that it can be customised. What's more, the plug & play concept means that installation takes no time at all – making handling flat workpieces in sheet metal and timber processing child's play. CEO Rainer Mehrer on the addition to the range: "As we have done with End-of-Arm-Tooling, we are positioning ourselves in this segment with a highly flexible product. Modularity for adaptation to suit customer needs is our core aim: The point at which special production begins for others has long been standard for us."

The new vacuum crossbeam, also known as a vacuum lifter, comes in two designs: up to 250 kg and up to 500 kg. Alongside its lightweight properties, as well as modularity and rapid installation, the FIPA Spider offers further benefits that facilitate ergonomic working and an efficient material flow. When compared to classic hoists with slings, the vacuum lifter impresses with its uncomplicated workflow: attach the vacuum cup, activate the hand slide valve, then lift after the vacuum has built up – and that's it. There's no need for extensive training. The large selection of FIPA vacuum cups guarantees safe handling of panels and sheets without leakage issues. For sheet metal processing the company offers low-marking vacuum cups to ensure gentle handling before painting or gluing processes. Compared with other manual solutions, the FIPA Spider makes it considerably easier for the user to handle bend-resistant workpieces and increases working safety.

"Since entering the market in 2015, we have successfully gained a foothold on the market with our manual lifting equipment," says Rainer Mehrer. Demographic change, worker shortages and increasing numbers of regulations relating to occupational safety are leading to growing demand for vacuum lifters. "With this in mind, we are swiftly expanding our portfolio in order to be able to help in a variety of scenarios."

FIPA Press Release

The tube lifter FIPALIFT achieves short cycle times, facilitates rapid, smooth working and can cope with a variety of workpieces. The FIPA Spider is designed for use on a chain hoist and, thanks to its great lifting force, can also lift weights of up to 500 kg. As there is no block dimension – unlike in the case of FIPALIFT – it can also be used in areas with a low ceiling height. “Our solution combines many benefits at a manageable acquisition cost and impresses with its low operating costs, thanks to low energy consumption.”

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FIPA specializes in vacuum, gripper, and lifting technology. The international company develops and sells high-quality products and innovative system solutions for the material flow sector. FIPA GmbH was founded in 1985, and employs around 70 members of staff at its headquarters in Ismaning, near Munich. FIPA also has an international presence, with its own subsidiaries in the USA and Thailand, and representative offices in Hungary and China. For further information on FIPA, see <http://www.fipa.com>.

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