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Effortlessly handle metal sheets up to 230 kg

FIPALIFT tube lifters facilitate handling in sheet metal processing

With FIPALIFT tube lifters, FIPA GmbH (www.fipa.com) is producing customized solutions for the metalworking and sheet metal processing industries which make workflows more efficient and reduce physical strain on employees. “Our innovative lifting solutions ensure an ergonomic material flow and greater efficiency in sheet metal processing,” says Thomas Trefzer, Director Business Unit Sheet Metal.

Modern CNC-laser processing centers, punching machines, and other sheet metal processing machines are highly efficient. However the loading and unloading of these machines with metal sheets often takes place by hand, – extremely economically inefficient and a laborious accident-prone process due to sheet size, weight and sharp edges. The unwieldy formats and high weights of the sheets often tie up two or more people. For small scale production, high costs rule out robots for the loading and unloading of machine metal processing.

With lifting systems that are especially adapted to your needs and based on the FIPALIFT tube lifter, FIPA provides a solution that relieves the employees, improves ergonomics in the workplace, and increases efficiency in production. The FIPALIFT Expert tube lifter with a lifting force of 30 to 230 kg is particularly suitable for handling heavy plates, glass panes or sheet metal, such as for loading machines, and also for lifting heavy sacks and crates. With it, one person can safely handle a metal sheet weighing up to 230 kg and place them precisely in position within a short cycle time. The standard Basic models are equipped with an easy-to-operate controller. Pulling the operating lever lifts the load, while pushing it down moves the tube down again. The sturdy design permits heavy-duty use in the production environment and is therefore very popular in carpentry, sheet metalworking factories and even in bakeries and logistics centres where particularly heavy loads are involved.

FIPA Press Release

The ability to combine the FIPALIFT tube lifter with all components of the FIPA vacuum and gripper technology is advantageous for the development and construction of customized lifting solutions. Whether structured, smooth, oily, dry, non-magnetic or hot plates – customized lifting solutions based on the FIPALIFT tube lifter allow for the process-safe handling of metal sheets without the risk of dents, scratches, or residue of paint-impairing substances.

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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>.