

DILOS STORAGE TECHNOLOGY

System-optimised storage racking system

DILOS storage racks are manufactured to individual requirements and for specific die dimensions.

Holes and flange dimensions are standardised, so that additions or modifications are easy to make.

The dimensions of the girders are harmonised with the weight class of the die-changing transporter used, e.g. DILOS BUGGY or DILOS TRUCK. This leads to an end-to-end system logic from die changing to storage of the dies in space-saving racks.



DILOS universal rack with laterally adjustable support beams in 2 different versions

The standard support beam (left) is intended for running under. The slide support beams (right) are fitted with a polyamide cover and a coupling plate

Universal through adjustable support beams

Large and small dies can be stored in a minimum of space on the adjustable support beams.

Large dies, which are about as wide as the chassis, are stored in a similar way to palettes, loaded into the racking system. In this case, the low chassis of the DILOS TRUCK runs under the bottom tier. The die is then placed on standard beams.

Dies that are narrower than the chassis can be stored by pushing into the rack on special slide-support beams with a plastic lining. These slide beams have coupling plates fitted at the front to engage the die-carrying fork during hand-over.



Direct storage. When larger dies are being deposited, the vehicle runs under the DILOS universal rack



DILOS double rack with slide support beams, usable from both sides. A DILOS TRUCK 40 is docked in front of one of the racks (height for standard lift range) and is removing a die



The coupling plates on the DILOS slide support beams are adjusted to the carrying fork of the DILOS TRUCK



Die-carrying fork and the slide support beams in line



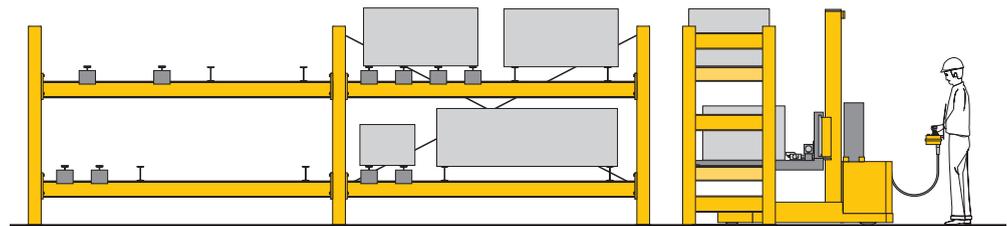
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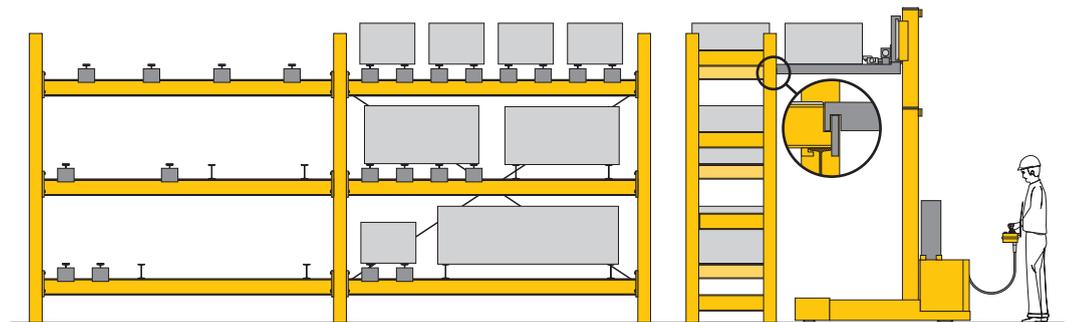
Storage technology, optimised for DILOS TRUCK/BUGGY

The DILOS TRUCK and DILOS BUGGY with the standard mast are designed primarily for changing dies. They can, however, be used for handling in the storage if the racks are of the appropriate height.

The space utilisation in the racking system can be increased through the use of a DILOS TRUCK/BUGGY with telescopic mast.



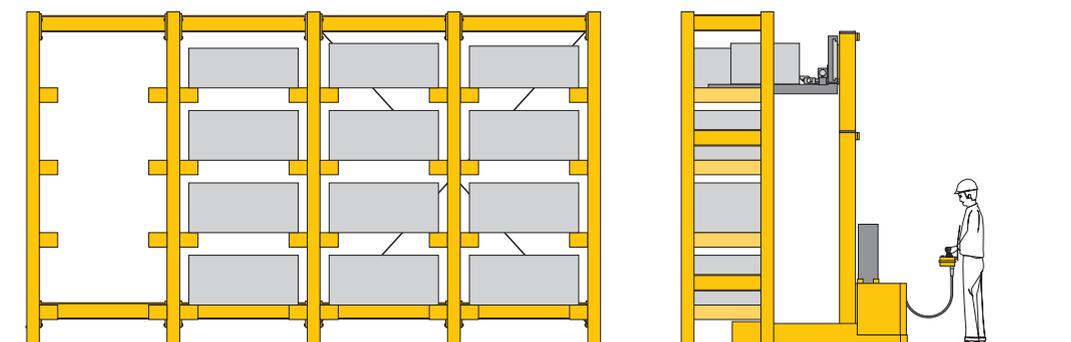
DILOS universal rack, version for DILOS TRUCK 40 with standard mast



DILOS universal rack, version for DILOS TRUCK 40 with telescopic mast

Modular rack for dies of equal size

The DILOS storage rack with short outrigger supports allows very compact storage of dies. The prerequisite is the use of equal-sized base plates or sub-plates.



DILOS modular rack, version for DILOS TRUCK 40 with telescopic mast



DILOS modular rack for dies on sub-plates and/or dies with base plates of equal size