

Die changing station

Dies up to a weight of 200 kN



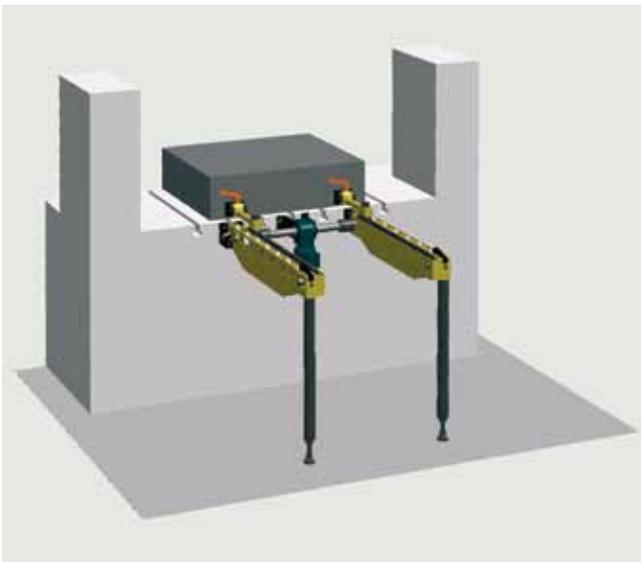
ROEMHELD
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Die changing system directly adapted to the press

This new die changing system with special push- and-pull drive makes handling of dies easier and ensures time-saving and accident-free movement of dies with a maximum weight of 20 tons in places difficult to access.

(Higher load-bearing capacities on request)



Roller and ball bars in the T-slots of the table provide for easy insertion of the die, either manually or automatically. Damage to the die causing production loss is avoided. Individual solutions including automatic die changing and integration in the press are possible.

Description:

The cost-effective drive system has been developed on the basis of standard die consoles and can be easily installed as it requires only little space. Thus, it is very suitable for both retrofitting and new constructions.

The drive unit and the carrying console are hung in hooks provided on the press for this purpose and then locked. The die is deposited on the consoles using a crane or a forklift truck. After the die has been deposited, it can be connected to the changing station by means of a push-and-pull system.

The integral chain drive system allows the user automatic die loading and positioning, just by depressing a push-button on a separate remote control pendant.

During a die change, the press bed is free, i.e. the push-and-pull elements do not project over the press bed. Also the rear side of the press is completely free. This changing station is suitable for almost any press, can be easily removed and is easy to handle.

Special features:

Besides the reduction of non-productive set-up time, the die changing system offers further important

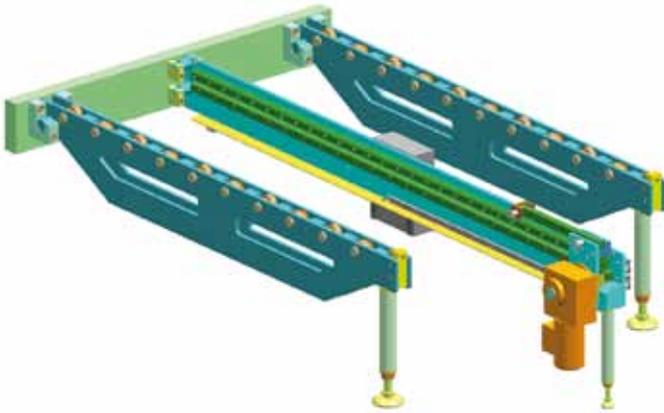
benefits to the user:

- ◆ maximization of profits due to less downtime
- ◆ smaller production batches are possible due to shorter set-up times
- ◆ greater safety for man and machine
- ◆ safe and accident-free handling of dies with less effort, thus creating a more humanised place of work

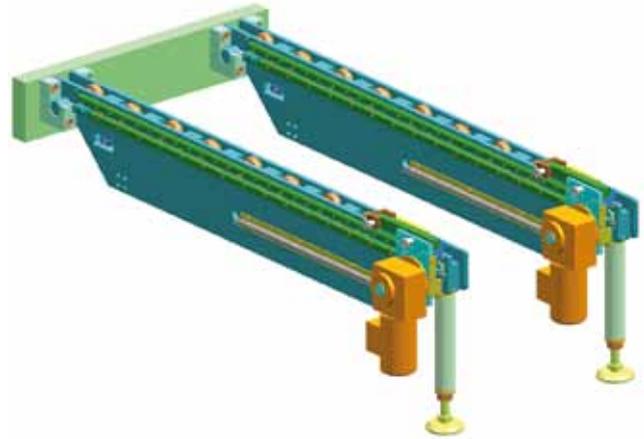




Variations of the die changing station



Version with a driven central console and two standard-type carrying consoles on the right and left side. This cost-effective alternative is flexible and can be used on various presses.



Version with two driven and synchronized consoles. This extremely robust and precise alternative is suitable for almost all die sizes and geometries.