



Die Changing Consoles, Electrically Driven with rack and pinion drive, die weight up to 25 t



Advantages

- Safe handling of heavy dies with ease
- Less downtime by easy and efficient die change
- Small batch sizes can be easily realized
- High load
- Easy handling
- Easy insertion of the dies, either manually or automatically, with roller or ball bars
- Individual system with integration of the press possible
- Flexible use at several presses

Application

Die changing system directly adapted to the press for effort and time-saving change of heavy dies.

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

Description

The die changing system with special push-pull drive makes handling of dies easier and ensures effort and time-saving change of dies with a maximum weight of 25 tons in places difficult to access.

(Higher loads on request)

Roller and ball bars in the T-slots of the bed provide for easy insertion of the die. Individual solutions including automatic die changing and integration in the press are possible.

Dimensioning and further technical details in the course of the project. Please contact us!

Function

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 push-pull docking device of the changing station.

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.

Application examples



Die changing console with drive



Die changing console with drive



Die changing console with drive and side loading of the press.

Variants of the die changing console

Various variants with two driven, synchronized drive consoles and with drive motor at left/right side. The length of the console, adaptor and loads are flexibly selectable.

