

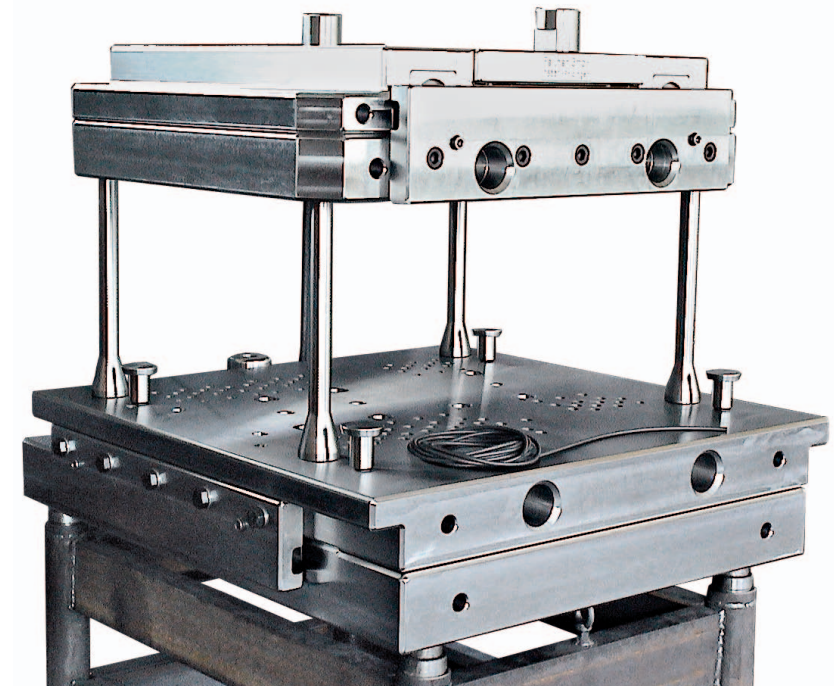
08-25 Dieholder cassette quick-change and precision forging system for a 25 MN drop forging eccentric press



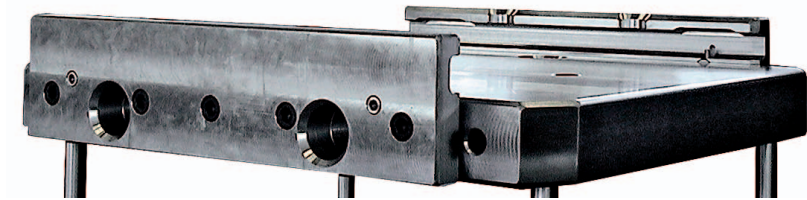
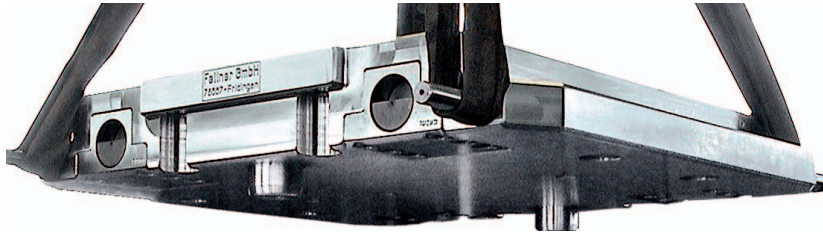
In forging use: die holder cassette quick-change system 08-25 with 3-station rectangular forging die cassette, here centrally equipped with 2 forging stations

- Patented 3rd generation dieholder cassette quick-change and precision forging system with rectangular forging die cassettes for forging with up to 3 forging stations (upsetting, preforming, finish-forging) and with manual parts transfer.
- High forging precision thanks to stable forging die guides, floating cassette and forging die lower sections as well as forging dies which operate independently of one another and of the press and do not affect one another (i.e. completely separate).
- Significantly reduced forging die costs, because the circumferential die surfaces only have to be sawed or at most rough-milled on account of the special die centring and mounting arrangement.
- Mechanical ejectors in base holder and cassettes.
- Problem-free cassette quick changing with a forklift in a few minutes, thus maximum economic efficiency and short payback time.

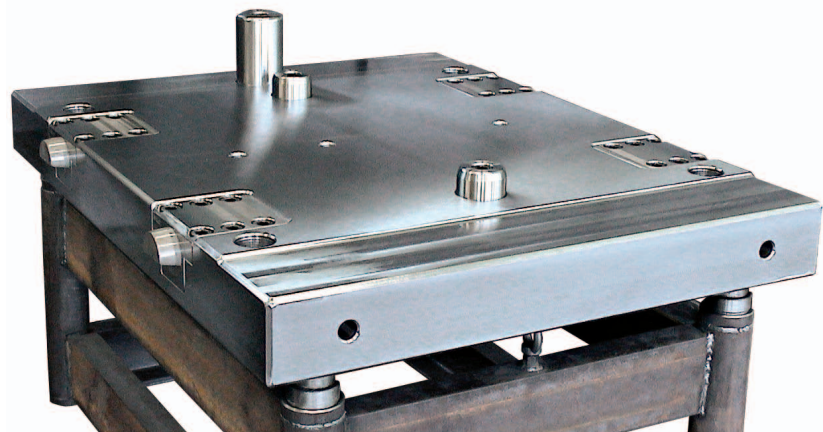
- Handling of the cassette lower and upper sections during die tooling and servicing and cleaning work with the aid of a hydraulic/electric-motor-driven cassette handling device on the cassette change forklift.
- The full width of the die installation space of the press can be utilised thanks to the patented inside-to-outside clamping of the cassette.
- Minimal contamination of the cassette clamping equipment, of the reliable hydro-mechanical Fellner wedge-type clamping elements, thanks to complete coverage with the cassette.
- Simple adaptability of other cassette types (e.g. for round forging dies).
- Easy to operate, very easy to clean thanks to level, smooth surfaces and the avoidance of dirt sinks.
- Particularly long service life and thus minimal operating costs thanks to its particularly simple, robust design.
- Easy to service and repair thanks to modular design.
- Only a few press adaptations of minimal scope are necessary.



Base holder with installed, clamped rectangular forging die cassette (pillars in the foreground and background = cassette upper section transport props and installation supports), base holder upper section in position "press ram at bottom" (view from front left)



Base holder upper section with hydromechanical cassette wedge-type clamping elements, cassette centring elements and unclamped cassette upper section, base holder upper section in position "press ram at top", cassette upper section in position "press ram at bottom" (view from front right)



Base holder lower section with hydromechanical cassette wedge-type clamping elements, cassette centring elements and stop: clearly laid out, robust and easy to clean for a very quick, simple cassette change (view from front left top)

↑ Dieholders

↑ Products

↑ Range of Products and Services