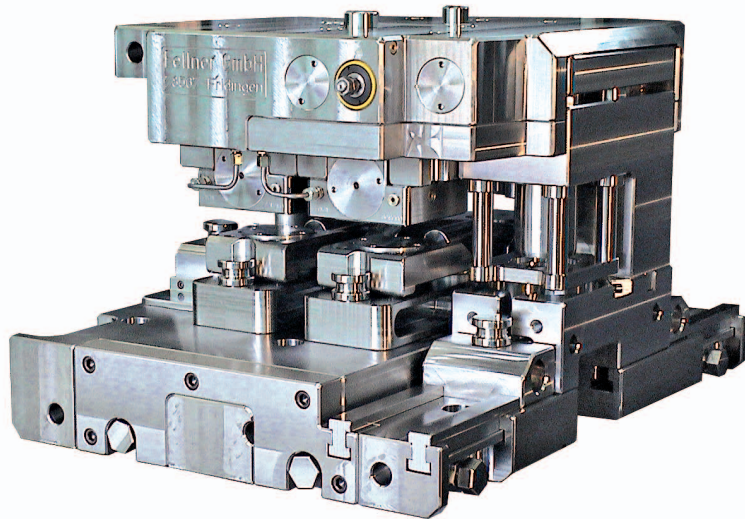
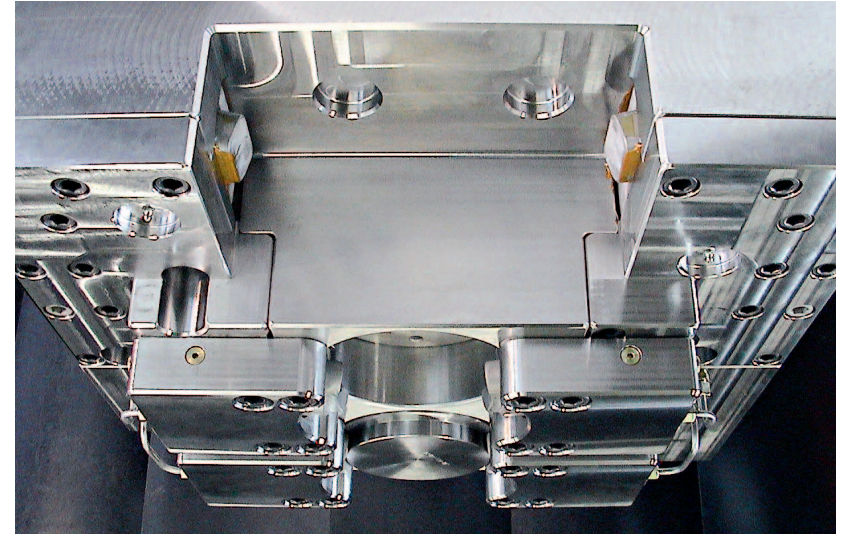


02-06 Dieholder forging die quick-change and precision forging system with integrated and likewise quickly exchangeable trimming module for a 6.5 MN drop forging wedge press (crank press) and a 10 MN drop forging eccentric press

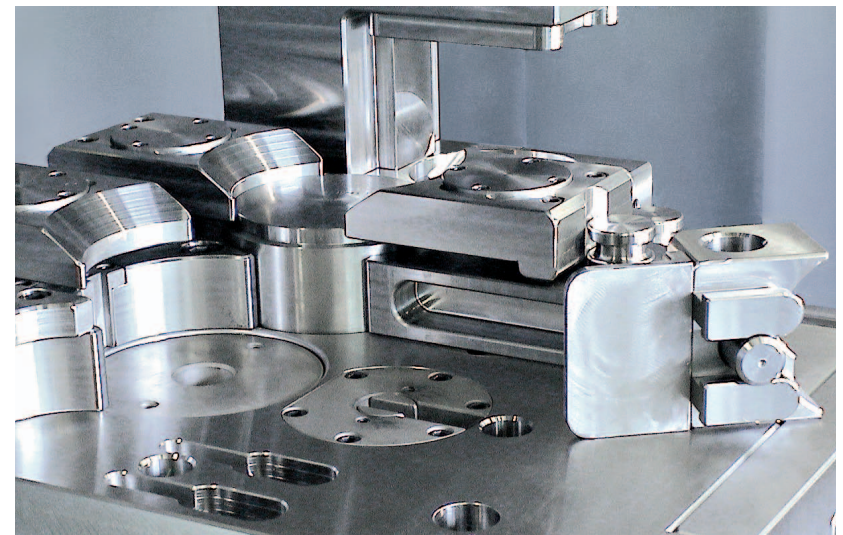


Round forging die / trimming tool holder with 4 individual quick-change stations: upsetting, preforming, finish-forging and trimming (from left to right), dieholder upper section in position "press ram at bottom" (view from front right)

- Dieholder round forging die / trimming module (= trimming tool) quick-change and precision forging system with 4 stations for manual parts transfer.
- High forging precision thanks to stable round forging die guides and floating round forging die lower sections, high trimming precision thanks to the trimming module, which is guided in itself, floating in the dieholder lower section and isolated from the dieholder and thus from the press.
- Quick changing of the upsetting plates, dies and trimming module possible in a few minutes thanks to: upsetting plate quick-change mechanism (bottom and top), double-hydraulic round forging die pull-down clamping elements (bottom), hydro-mechanical round forging die wedge-type clamping elements (top), trimming module quick-change mechanism and single-hydraulic trimming module Rollbloc roll blocks (bottom), hydromechanical trimming module wedge-type clamping mechanism (top) and level, smooth dieholder lower section baseplate surface without raised geometries or protruding parts on which the upsetting plates and dies can be pulled out or pushed in, thus maximum economic efficiency and short payback time.
- Only a few press adaptations of minimal scope are necessary.



Round forging die / trimming tool holder upper section with hydromechanical wedge-type clamping mechanism for the trimming tool upper section (front) and hydromechanical round forging die wedge-type clamping elements for the preforming and the finish-forging die upper section (view from right bottom)



Round forging die / trimming tool holder lower section with double-hydraulic round forging die pull-down clamping elements for the preforming and the finish-forging die lower section (2nd and 3rd station from left) (view from front left top)