



FD System – Flexible Dismantling

Easy, safe and mobile – with our Flexible Dismantling System for screw elements between 25 and 135 mm.

Stripping the segments off the screw shaft is not always easy after they have been used for fabrication. Residues of products might solidify between segment and shaft. Enormous forces are required to get the elements off the shaft. For this problem, we engineered the FD system. By means of the hydraulic C.A.PICARD® FD system, screw elements can be removed from the shaft directly at the extruder.

Your advantages at a glance:

- Time-saving change of configuration directly at the extruder
- Minimisation of risk of injury for employees compared to manual dismantling
- Reduction of damages to screw elements and shafts by mechanical or thermal impacts
- Short-term amortisation of the purchase price

Technical characteristics of the FD system

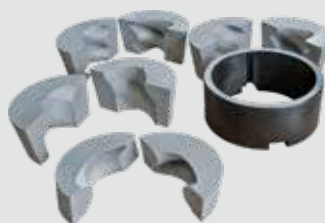
- Machine frame approx. 3100 mm long, 1000 mm deep, mobile on heavy-duty rollers, with brackets for forklifts
- Adapter prisms that centrally clamp and move the shafts on the machine
- Right and left prism to be pulled out of the machine frame to enlarge the adapter amplitude for the shafts by approx. 1200 mm on each side
- Central prism on heavy-duty rollers in the machine frame, movable by approx. 600 mm
- Control panel for the hydraulic regulation of the prisms, clamping cylinder, and dismantling plate
- High-pressure central hydraulic unit with pressure relief valve
- Central pressure gauge
- Operating manual



The C.A.PICARD® FD system improves the quality of your dismantling process and reduces the costs for each of your particular configurations.

Optional service and/or equipment for your C.A.PICARD® FD system:

- Training by a C.A.PICARD® specialist on site
- Set of aluminium shells including bolts for following sizes: 25-40 mm, 30-70 mm, 70-100 mm, 100-135 mm
- Dismantling plate



Model calculation of a manual change of configuration:

- Expenditure of time: approx. 8 hours
- Personnel expenditure: 2 employees at EUR 50.00/hour each
- Costs per month:: approx. EUR 1,600.00 (changing the configuration twice)

Estimated costs per year: EUR 19,200.00

The C.A.PICARD® FD system will be amortised shortly.

Our performances:

- Production of highly wear-resistant screw elements, barrels, liners, and shafts
- Consultancy with regard to optimisation of durability
- Barrel Wear Measurement and Dismantling Service for screw elements

You are interested in our Barrel Wear Measurement?

The C.A.PICARD® specialists measure your machine on site. We would be glad to submit you a quotation without obligation at any time. Please contact us. We would very much appreciate to come to your premises.

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