

## Automatic Dishing Press with Manipulator

*Fast and  
Efficient*



PPM is the series of sturdy, reliable and efficient Faccin hydraulic presses. Those designed and built by Faccin are presses suited to dished head crowning, featuring an exclusive design with rods and available in various sizes. To choose the exact size it is necessary to calculate the development of the largest dished end to be produced that indicates the distance between the uprights. The maximum thickness will guide the choice of the machine force.

Faccin's PPM series of hydraulic presses are built with the exclusive HPT system utilising two solid forged tie rods (permanently preloaded) to keep connected the basement to the top crossbeam. Thanks to the HPT system, which is able to minimise frame deformation, the PPM machines assure forming precision and high reliability.

Faccin provides, as well as the normal range, economic solutions to manufacture dished heads and tanks. In these lines for dished heads the frame is connected to the upper beam with keys machined on the structure or just welded to the structure in single monolithic pieces.

The company also offers effective handling systems designed to allow accurate positioning of the plate under the dies of the Hydraulic Presses.

Faccin's automatic manipulators in the MA range assure homogeneous forming quality guaranteeing no waves on the final dished head surface.

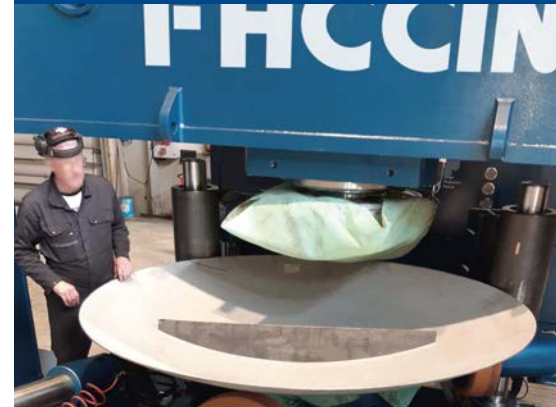
With a Faccin Automatic Manipulator, the operator's labor and the production time are drastically reduced since it is possible to swell the round blank under the press without need of a crane and with a fast setting of the plate under the press die. The complete Dishing Cycle can be handled automatically by the CNC MA Manipulators that in this way represent an investment in man work reduction and automation.

As a FACCIN manipulator permits the simultaneous dishing of more plates together, it is also suggested to invest in the manipulator of the size that better matches the hydraulic press maximum capacity.

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### Optional equipment

- ✓ Full CNC for automatic dishing cycle
- ✓ Double Speed for maximum productivity
- ✓ Dies for different dishing radii
- ✓ Equipment to form small radii
- ✓ Preparation for hot pressing
- ✓ Special equipment for bending, straightening, flanging, rolling and 3D forming
- ✓ Variety of custom-made tools
- ✓ Special colours



## Fast and Efficient

Maximum Diameter (D) mm	Head Thickness Mild Steel mm	Head Thickness Stainless mm	Flanger Size/Dia	Recommended Press Press/D	Manipulator Capacity
3000	10	8.5	BF 10/D	PPM 150/D	MA 15
4000	15	13	BF 15/D	PPM 250/D	MA 30
5000	20	17	BF 20/D	PPM 300/D	MA 50
5500	25	22	BF 25/D	PPM 400/D	MA 60
6000	30	26	BF 30/D	PPM 500/D	MA 60
6500	35	30	BF 35/D	PPM 600/D	MA 80
7000	40	35	BF 40/D	PPM 800/D	MA 120
8000	45	39	BF 45/D	PPM 1000/D	MA 240
9000	50	43	BF 50/D	PPM 1500/D	MA 240

- Special sizes and capacities available upon request. Please send us your inquiries.
- Data can be changed without prior notice in consideration of continuing technological improvements.