



FACCIN

PPM + MA

Datasheet



Fast and Efficient

Automatic Dishing Press with Manipulator

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 Trusted Partner in Metal Forming Machines

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.



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



Maximum Diameter (D) mm	Head Thickness Mild Steel mm	Head Thickness Stainless mm	Flanger Size / Dia	Recommended Press Press / D	Manipulator Capacity
3000-4000	6	4	BF 6/D	PPM 100/D	MA 15
3000-4000	10	7	BF 10/D	PPM 150/D	MA 15
3000-5000	15	10	BF 15/D	PPM 200/D	MA 30
4000-5000	18	12	BF 18/D	PPM 220/D	MA 50
4000-5000	20	14	BF 20/D	PPM 250/D	MA 50
4000-5000	22	16	BF 22/D	PPM 280/D	MA 70
4000-6000	25	18	BF 25/D	PPM 300/D	MA 70
4000-6000	28	20	BF 28/D	PPM 350/D	MA 70
4000-7000	30	22	BF 30/D	PPM 400/D	MA 70
4000-7000	32	25	BF 32/D	PPM 500/D	MA 70
4000-8000	36	28	BF 36/D	PPM 600/D	MA 120
5000-9000	40	30	BF 40/D	PPM 800/D	MA 200
5000-9000	42	31	BF 42/D	PPM 900/D	MA 240
5000-9000	45	32	BF 45/D	PPM 1000/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