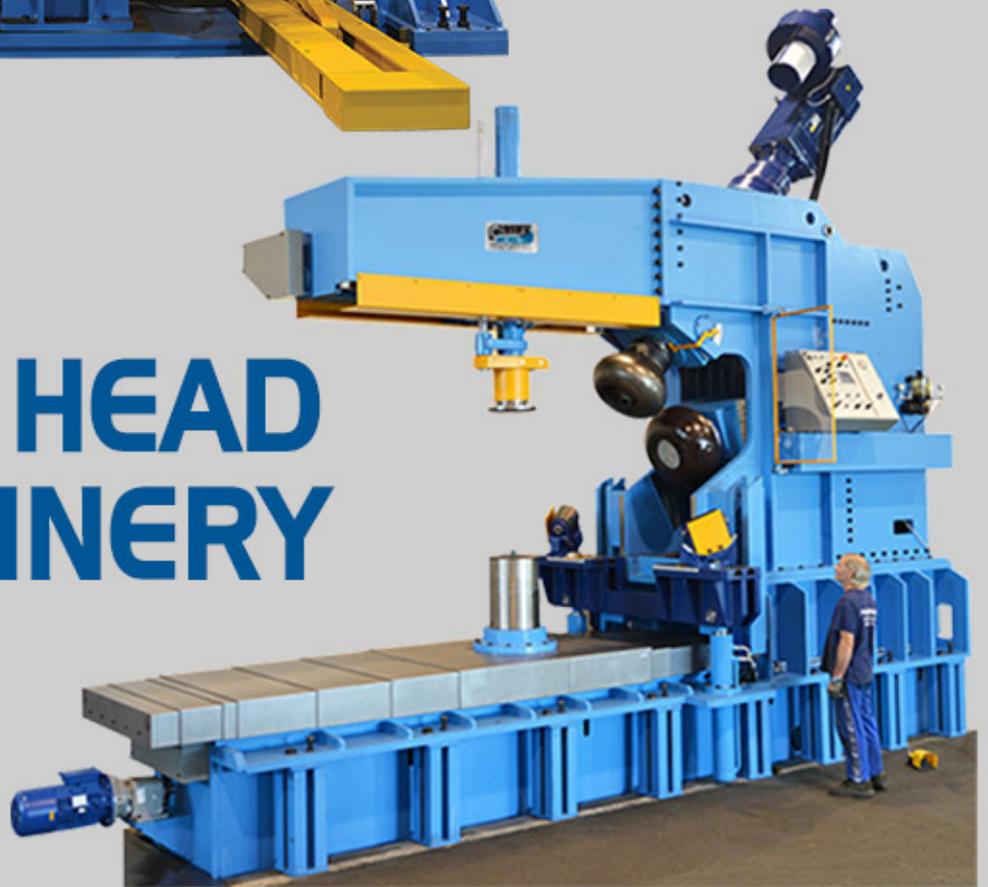


PARMIGIANI

ADVANCED BENDING TECHNOLOGY

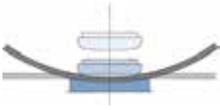


TANK HEAD MACHINERY



The Italian Forming Company. Since 1927.

Manufacturing Program



DPO - MAP

Dishing Presses and Automatic Manipulators

DPO-MAP manufacturing range:
Dishing presses from 150 up to 2000 tons
Blanks diameter from 1ft. up to 40 ft.





DPO - MAP

Parmigiani dishing units are designed to achieve superior speeds and peak performances.

The DPO dishing presses have been engineered and manufactured to ensure the greatest productivity and withstand even the harshest working conditions. Their large and robust frames, together with cutting-edge technology and premium components, will meet even the highest expectations in terms of working standards.

Our dishing presses feature extremely high approach and return speeds. Further, they can reach the required working pressure almost instantly, a key factor to achieve the highest productivity level.

All components have been conveniently located so as to facilitate the access to the machine and simplify ordinary maintenance operations.

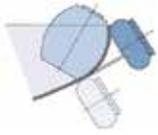
The special design of our dies allows a significant reduction of cycle times while enhancing at the same time the quality of the dished end surface finish.

All movements of our press and manipulator — such as the displacement, lifting and rotation of the round blanks — are synchronized. In this way, one single operator can control the whole working cycle from the central control panel.

In addition, the machine output can be further increased thanks to the possibility of dishing multiple blanks at the same time, a time-saving method also ensuring better surface quality.

Parmigiani STRADIVARI® Playback System is the most advanced CNC control for dishing application that is currently available on the market. It has been specifically developed by our in-house R&D team to allow the automatic production of a wide range of dished ends. Thanks to the STRADIVARI® Playback System, one single person can operate two dishing units at the same time.

Parmigiani also offers a great variety of special equipment for the manipulation of segments and petals for the production of semi-spheres and very large dished ends.



FM - hy

Tank Heads Flanging Machines

FM-hy manufacturing range:
Plate thickness from 0.1" up to 2.5"
Diameters from 8 ft. up to 40 ft.





FM - hy

Our FM-hy series extensive portfolio includes a wide range of models covering the most diverse requirements for the flanging of dished heads. Your application is the key factor determining which machine is the right one for you, no matter which is your main production market: oil, nuclear, shipyard, energy and transportation industry, up to the field of stainless and special steel products for the aerospace, chemical, pharmaceutical and Food & Beverage industries.

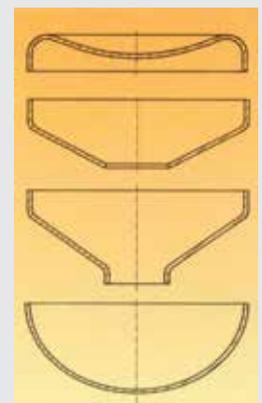
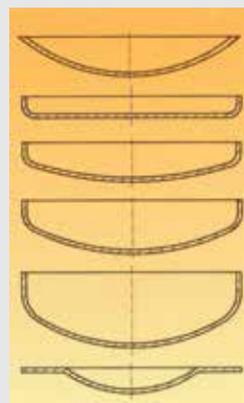
Regardless of which shape you need to form, FM-hy can solve even the most demanding task: cones, flat and dished heads can be flanged precisely and cost-effectively, always complying with the international standards.

Our customers worldwide appreciate the robustness of FM-hy structure together with the pioneering forming technology. The flanging process is stable, productive and precise.

The new generation of flanging machines is also particularly focused on ergonomics to ensure the best support to the operators' work. Highly automated production offers many advantages which enables you to handle a wide range of parts optimizing time of

production and quality of the finished parts. The last generation of FM-hy develops the user-friendly concept in many ways: for example you can control all flanging steps on the ergonomic centralized control panel using a high-resolution touch-screen. In the diagnostic section you can receive information about the status of your machine anytime and anywhere so that all machine components are always under control.

These are the reasons why our FM-hy flanging machines have been considered the perfect choice by many leading producers of dished heads all over the world.



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ADVANCED BENDING TECHNOLOGY



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