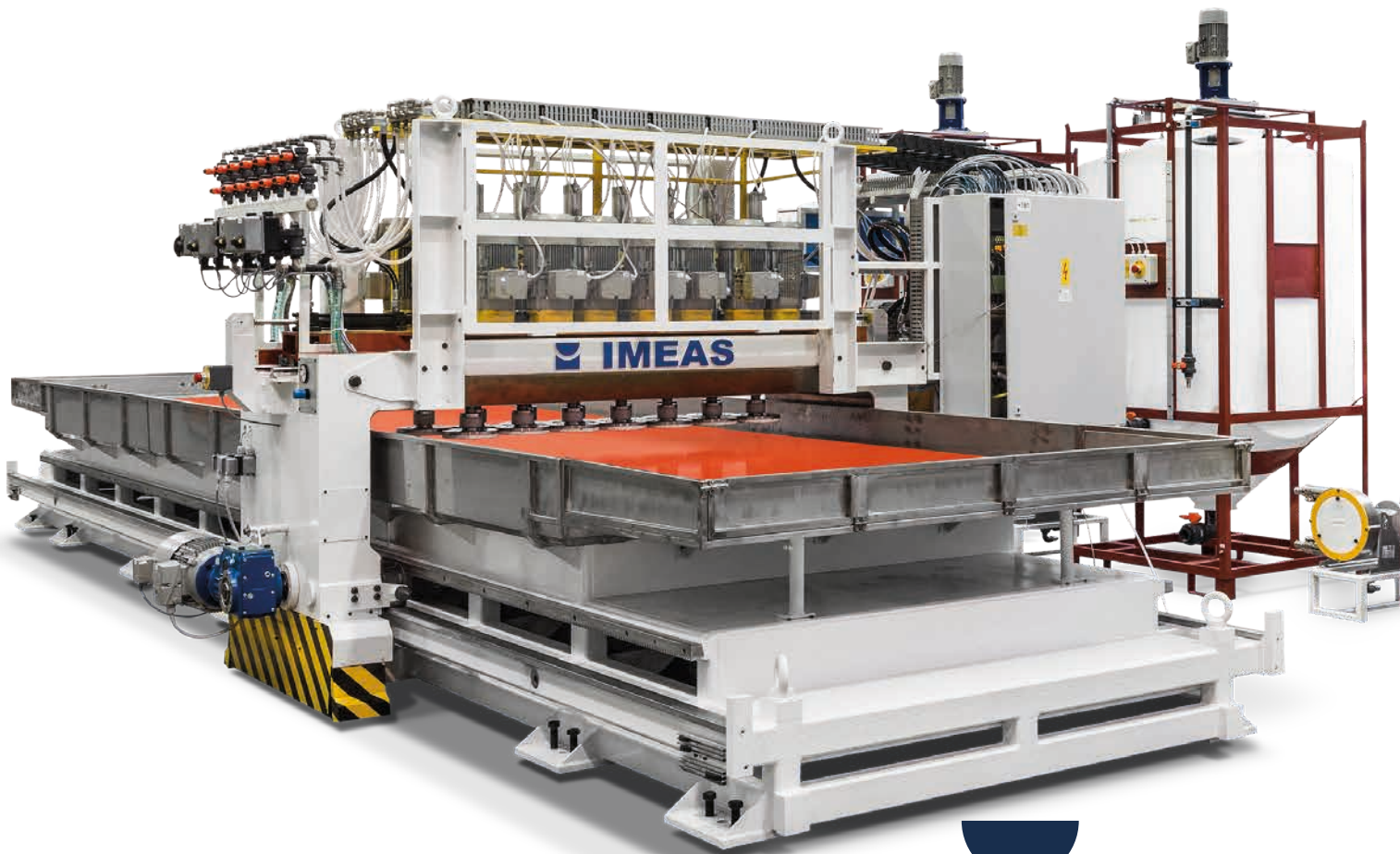


SuperMirror Machines



*High gloss surfaces on
stainless steel plates*

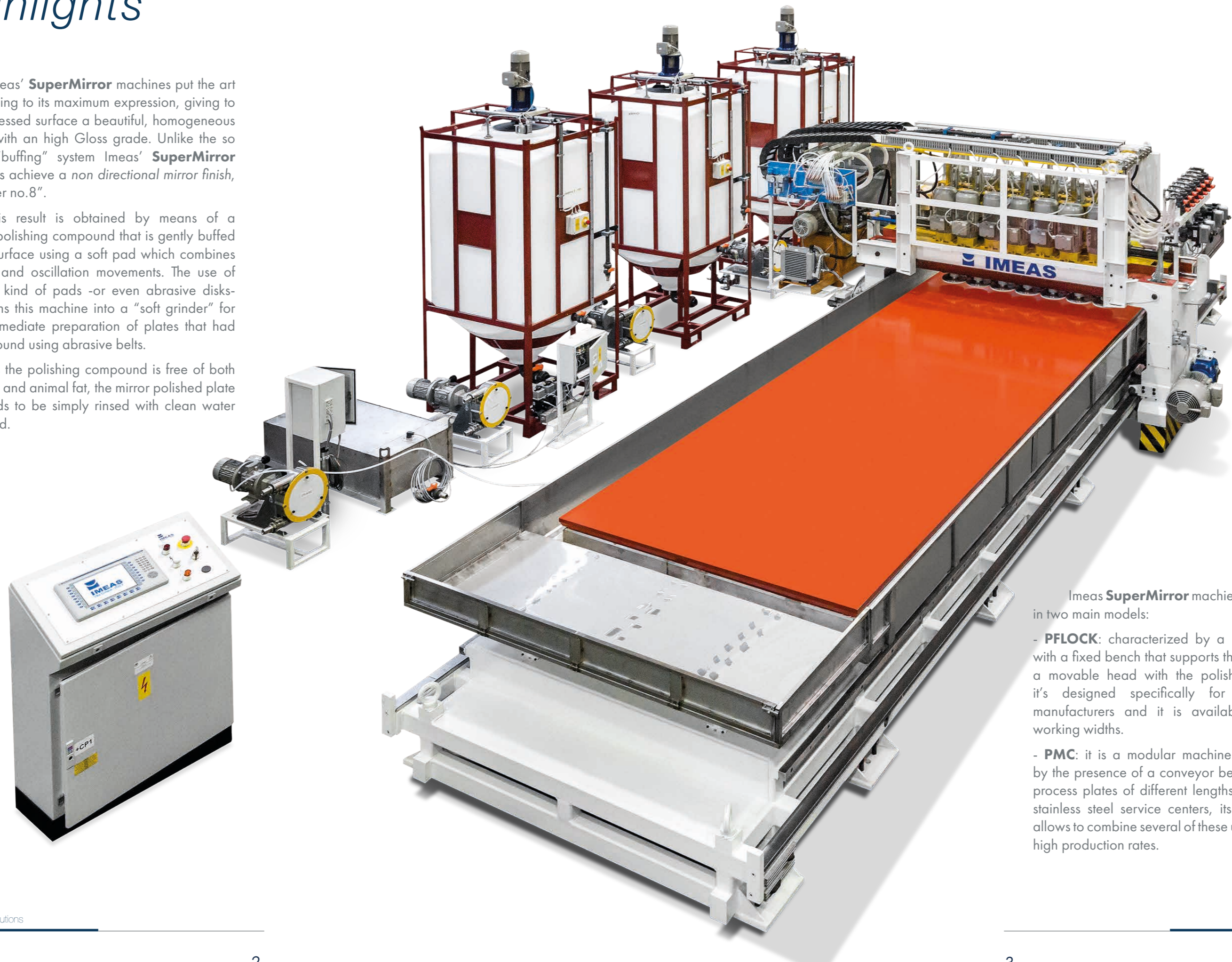


Highlights

Imeas' **SuperMirror** machines put the art of polishing to its maximum expression, giving to the processed surface a beautiful, homogeneous aspect with a high Gloss grade. Unlike the so called "buffing" system Imeas' **SuperMirror** machines achieve a *non directional mirror finish*, or "Super no.8".

This result is obtained by means of a special polishing compound that is gently buffed on the surface using a soft pad which combines rotation and oscillation movements. The use of different kind of pads -or even abrasive disks- transforms this machine into a "soft grinder" for the intermediate preparation of plates that had been ground using abrasive belts.

As the polishing compound is free of both synthetic and animal fat, the mirror polished plate just needs to be simply rinsed with clean water and dried.



Imeas **SuperMirror** machines are available in two main models:

- **PFLOCK**: characterized by a *Gantry design* with a fixed bench that supports the material and a movable head with the polishing mandrels; it's designed specifically for press plates manufacturers and it is available in various working widths.
- **PMC**: it is a modular machine characterized by the presence of a conveyor belt that allow to process plates of different lengths; designed for stainless steel service centers, its compact size allows to combine several of these units to achieve high production rates.

Technical Data Sheet

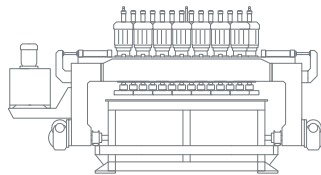
STANDARD FEATURES

- Extensive use of stainless steel for frames and key components, all CNC machined
- Adjustable polishing compound flow
- Selection of working spindles to use
- Close-loop system for the polishing compound
- Possible use of different abrasives types

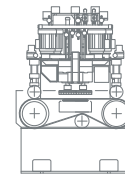
- High efficiency motors with VFD technology
- PLC Siemens S7 with ProfiNET™ connection
- Wide screen with touch panel graphical interface

OPTIONAL FEATURES⁽¹⁾

- Additional pumps, tanks and filters for different polishing compounds
- PLC Allen-Bradley



PFLOCK



PMC

Model	PFLOCK	PMC
Configuration	Gantry system	Modular system with conveyor belt
Suggested for	Press plates manufacturers	Stainless steel service centers
Type of process	High gloss and soft grinding of sheets and plates	
No. of working units	Up to 14 mandrels arranged in two rows with opposed rotation	
Useful widths	1600 - 2100 - 2600 - 3200 mm	1600 - 2100 mm
Thickness range	0,4÷25 mm	
Machine opening	50 mm	
Feeding speed	1÷2 m/min	1÷4 m/min (by combining more units)
Main motors	3 kW as standard and up to 5 kW on request	
Machine weight	12.000 - 18.000 kg	9.000 kg

NOTES

1. Some of these features may be available at extra price.

IMEAS spa reserves the right to change any data without notice.

Metalworking Solutions

WWW.IMEAS.IT

IMEAS SPA
VIA PACINOTTI, 36 - VILLA CORTESE - 20020 MILANO, ITALY
TEL.+39 0331 4630 11 - FAX.+39 0331 4323 11