

YESTERDAY PIONEERS, TODAY AT THE FOREFRONT

These are the most significant data concerning our history. A sequence of events highlighting a constant but balanced company growth. Now we are moving into the third Zaffaroni generation: we consider this as a starting point than a finish line.

60 years of activity
5.000+ presses all over the world
20.000 m² operational
40+ employees

> 1960

This is the date of birth of our company, whose head office is in Turate, in the province of Como. At first the production of small size presses and the marketing of machine tools coexist.

technology is appreciated: the machine becomes an international success. This brings us to focus only on presses, leaving therefore the marketing of machine tools.

> 1970-80

In these years our headquarters move to new offices always in Turate, and the second Zaffaroni generation arrives in the company. It is created the ideal mix of technical capability and commercial approach that will gradually bring Zani to become a leading company.

> 2000-10

We manage to realize larger and larger presses for the automotive industry, we study how to integrate automation into processes. In order to meet the market demand, we develop the innovative servo technology. We increase the export quota of our machines up to 90% of our production.

> 1980-90

Our business is flourishing, and the staff is increasing, enriching the company with competences and engineering know-how. We start the project Eureka for the company Tefal, in collaboration with the university of Milan: at that time a technologically advanced system that used presses with slow motion of our invention.

> 2011

The new generation of the Zaffaroni family joins the company, renewing enthusiasm and vision of the future.

> 1990-2000

We are among the first Italian producers to bring electronic systems in our machines. Driven by changes in the industrial sector, we develop a machine with kinematic for slowdown. Our creativity together with the

> 2014

Orlando Zaffaroni, our President and Technical Manager, is given the prestigious credit for "Master of Mechanics" by the UCIMU Foundation.

> 2017

We deliver our biggest press Servo Master 3200Ton.

READY ANSWER, READY TO SOLVE

We study simple systems to control, even if they are well-structured and complex, and providing a prompt and accurate service. As we are a company with few levels, it is easy to contact the right person to solve your problems or dispel all doubts. We are always ready to give concrete and effective answers, because this is the way we work. Wherever the press in need of our service is, at Zani we provide at least three different ways of service:

- **TELE-SERVICE**
for a first prompt diagnosis via remote
- **ALOCAL SERVICE**
our agent present in the area visits the production unit
- **TRAVEL**
our technician goes on site

Nor should be forgotten that you can count on a quick spare parts service shipment, planned maintenance programs and technical training of your staff on our mechanical presses.

SERVO MASTER

GLOBAL PRESENCE

Our mechanical presses are spread all over the world. Nearly 90% of our production is intended for exports markets. From Germany to Eastern Europe, from China to the United States, our presence in these countries is becoming more and more solid and efficient, both in terms of service and close to the customer. Our know-how and skills in designing are becoming increasingly international thanks to the hundreds developed systems. The outstanding quality and reliability expressed by our presses are the best warranty for who is looking for long-lasting performances.



DESIGNED TO PERFORM BUILT TO LAST

- ➔ Force up to 3200 Ton
- ➔ Bolster up to 7 meters



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01

TOTAL FLEXIBILITY

The possibility of having a law of movement completely programmable, means having remarkable advantages with different stamping modalities, thanks to the perfect adaptability in the use of progressive and transfer tools. It is also possible to achieve forming processes otherwise not possible with conventional presses

02

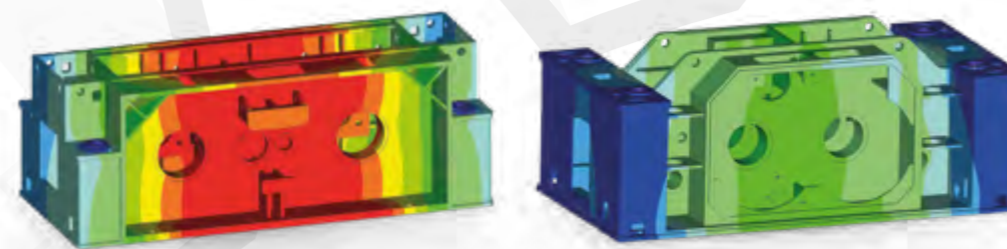
MAXIMUM OUTPUT

Thanks to the Servo technology, with which our machines are equipped with, is possible to reach a higher productivity due to production's frequency, a better stamped parts quality and a reduction of machine's downtime. All of this leads to quick initial investment-return.

03

MINOR ENVIRONMENTAL IMPACT

Our Servo presses ensure a little environmental impact thanks to an energetic managing system developed for reducing the consumptions, the tool's wear, the noise and vibrations generated during the machine working cycle.



TRADITIONAL PRESSES

ZANI SERVO MASTER

FEM ANALYSIS

Every Zani press structural element is verified with the finite element analysis. Simulating forces and pressures equivalent to the working ones, the designer can minimize the stress' level by which the structure is subject to containing the relative deformations as much as possible. Thanks to the combination of the link motion control system developed by Zani and adapted to servo controls, our presses have a better behaviour under load.



3D PRINTING AND DESIGNING

Zani has recently introduced the use of the 3D printer for renewing the designing procedure and accelerate the verification of the projects. The usage of the 3D printer allows Zani's engineers to have a quick and safe control of the possible interferences of the moving parts, the feasibility of the assembly sequence as well as the accessibility of determined areas for normal and extraordinary maintenance.



SIEMENS

ACTIVATED TRANSFER TIME

PRESS OPENED

PRESS CLOSED

TRANSFER RETURN TIME

PRE-FORMING

START OF FORMING

BREAKPOINT

END OF FORMING

POSTFORMING

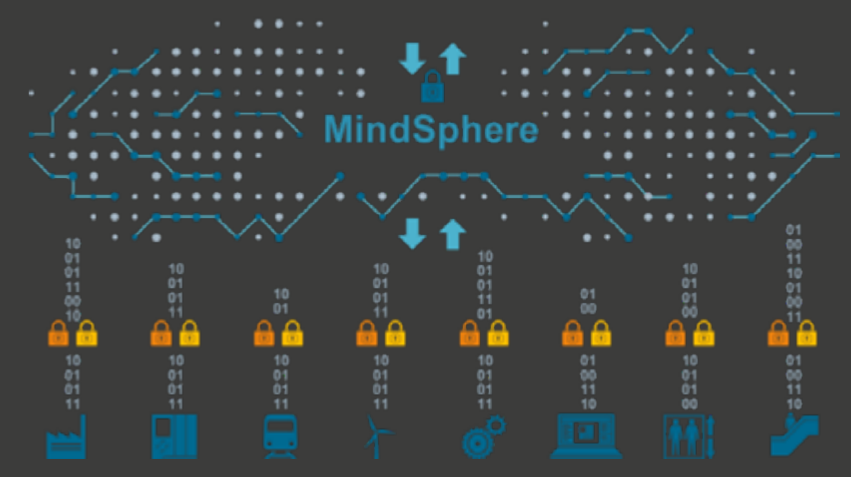


COOPERATION SIEMENS ZANI

The production of Zani Servo Master presses has already begun more than 10 years ago and has always rely itself on the servo package system concerning Servo motors, Drivers and energy management. The press is driven by the FIDOpres monitoring and control system, also developed by the cooperation with Siemens, including the optimized movements profile for increasing the performances and the reduction of the consumptions in continuous and pendulum mode.

CONTINUOUS DATA MONITORING

Data and their efficient analysis could today be the decisive factor for the success and unsuccess of a company. Zani's innovation pushed itself also in the digital, linking its own machine to Mindsphere. The platform developed by Siemens provides an open operating system for the internet of things, cloud-based. The big amount of data generated from an installation or from a company, can be efficiently and easily collected and analysed with the aim of improving the performances and reducing the downtimes through a preventive maintenance turning into a predictive one.



ALL OUR PRESSES CAN BE INTEGRATED IN YOUR SMART FACTORY

OUR PRESSES ARE USED IN DIFFERENT INDUSTRIAL SECTORS



AUTOMOTIVE



HOUSEHOLD APPLIANCES



ELECTRONICS



FURNITURE



RENEWABLE ENERGIES

