

NEW SERVO-HYBRID PRESS SH-300



Technical Forum, February 1st, 2018
World Money Fair 2018

Servo-Hybrid Press A green solution

Needing more precision, energy efficiency and traceability data from our presses, we are turning to servo-driven models.



WMF 2018

Berlin, February 1st, 2018

NEW SERVO-HYBRID PRESS SH-300

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NEW SERVO-HYBRID PRESS SH-300

Precision & Accuracy

Precision and Accuracy = Σ :

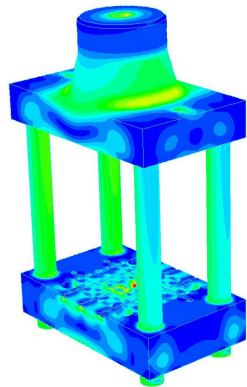


Hydraulic Pack

VOITH

Industrial PLC programmed with Siemens language

Optic Linear Encoder, micron precision



Machine's Frame



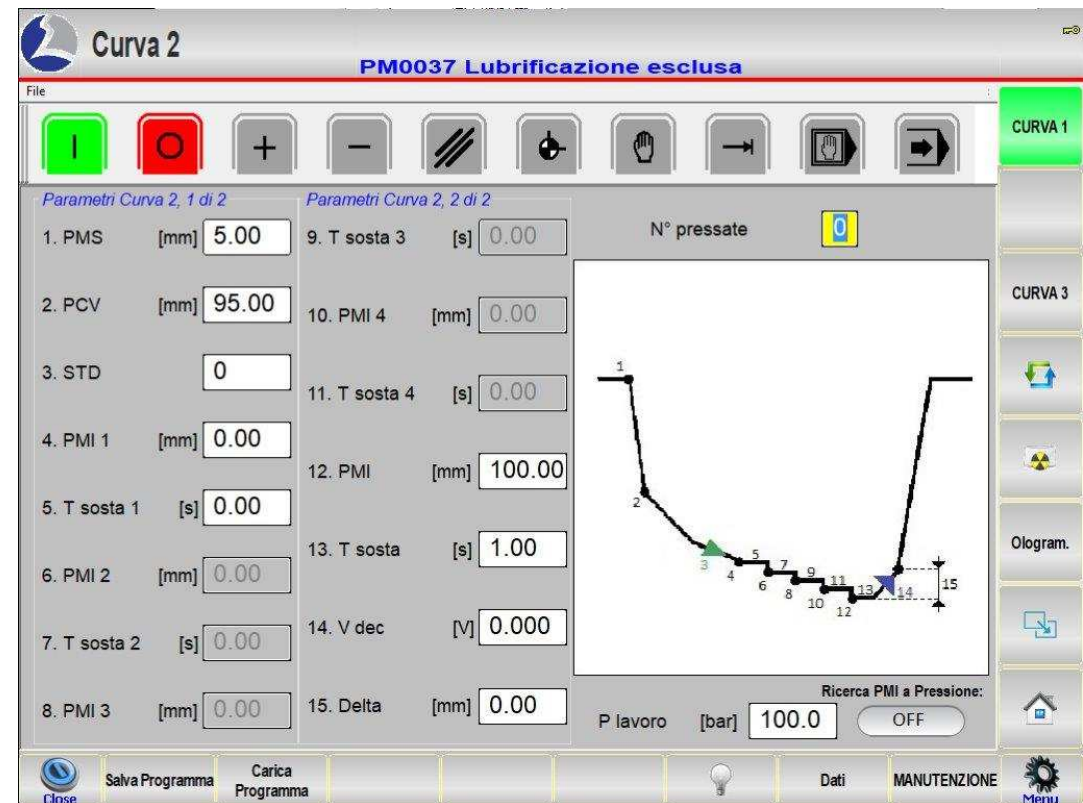
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Precision & Accuracy

Servo drive with integrated industrial PC.

Speed curves.

Intelligent algorithm associated with position – soft touch.



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Precision & Accuracy

Repeatable precision with open mold.

Priority position control, with presence of pressure as final control.

Display of position values and used Pressure.



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Speed

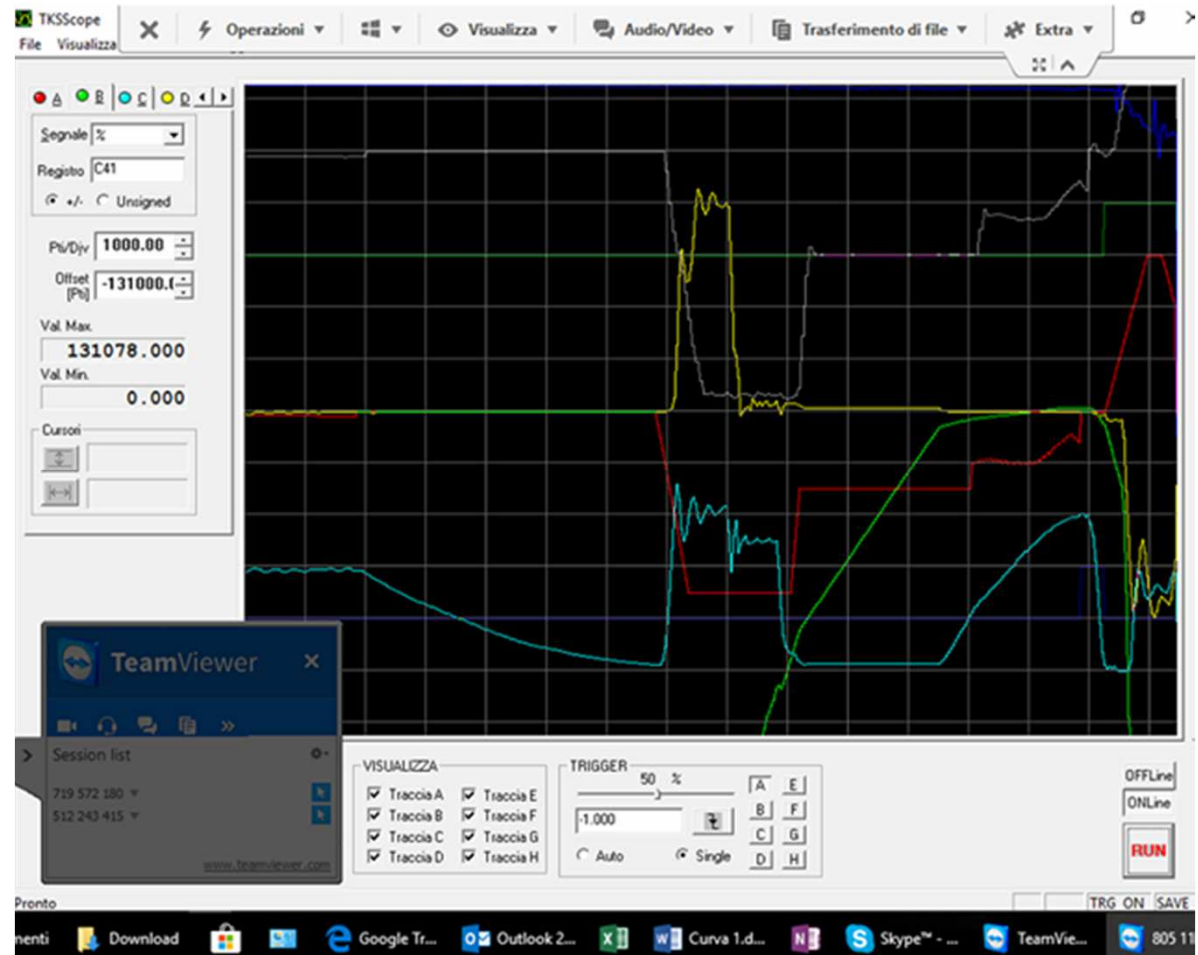
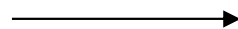
Adjustable descent speed
up to 400 mm/s

Adjustable working speed
up to 2 -15 mm/s

Adjustable upward speed
up to 400 mm/s

Pressure
Position
Speed
Motor

TeamViewer
connection



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Automation

Automation: up to 7 p/min

Feeding solutions: manual –
automatic - semi-automatic

Flexible and compatible with
existing automations



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Silent & Compact

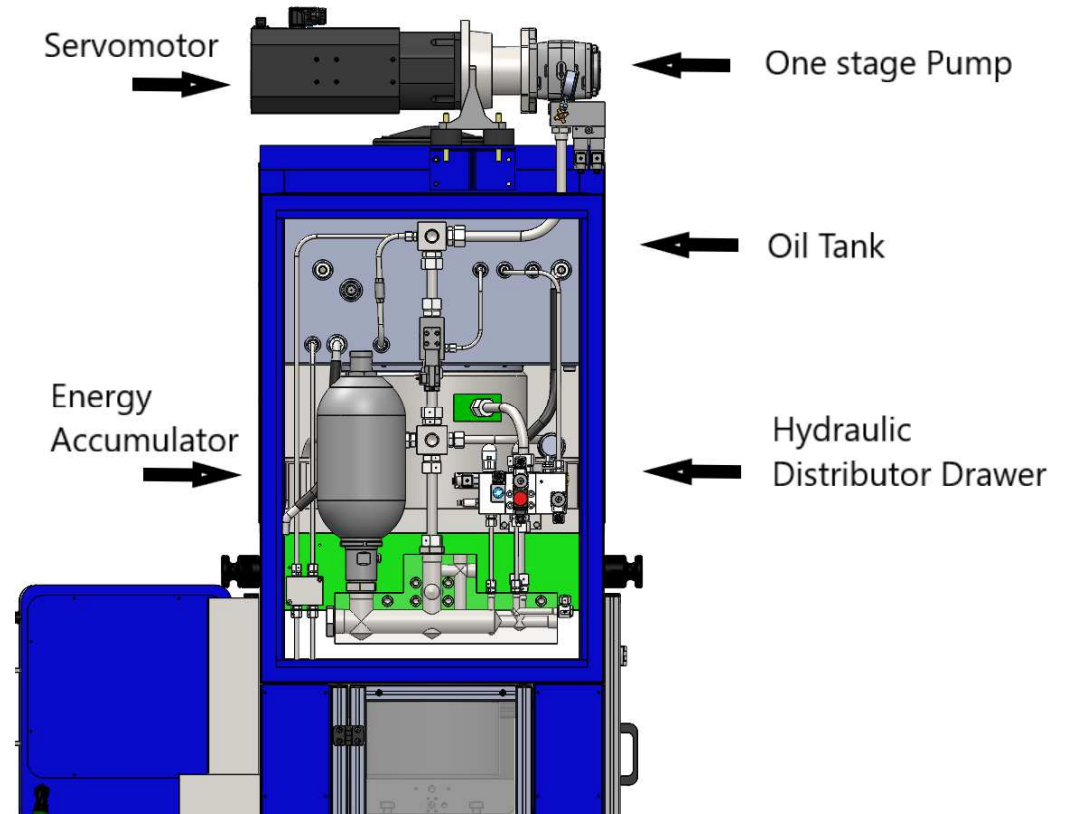
Low noise < 55 dB(A)

Minimal hydraulic unit

Footprint < 1,7 sqm

Easy maintenance

All components external



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Energy Saving (Green machine)

Energy used only when requested

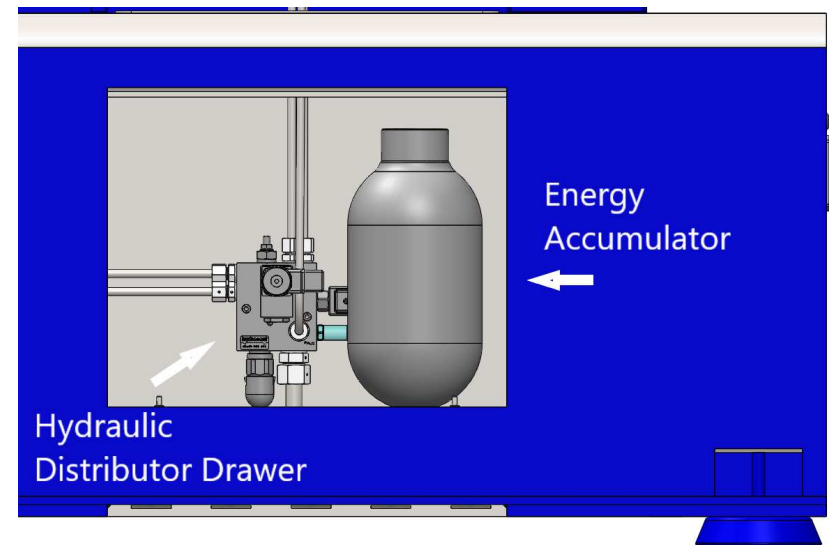
Amount of oil reduced by 75%

No more coolers

Reduction of cost / piece compared to a traditional press



Eco-Green Ejector: The pump charges an open circuit Energy Accumulator in the dead times of the cycle, guaranteeing energy savings.



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Connection to Industrial PC

Industry 4.0 Ready is a must for a new pressing machine, it is important to know which data are crucially sensitive for a user and thus to be exported.

The appropriate software allows to know the exact traceability of each single coin: this is important for its quality control.

We offer a professional software launched by Locatelli Meccanica which allows optimal data analysis for our Pressing Machines.



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Production range

T.125-SH



T.200-SH



T.300-SH



T.400-SH



T.600-SH



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Conclusions

- The industrial Growth and Competition are constantly changing, and the Role of Technology in a successful Company is to improve production processes.
- Technology contributes enormously to Economic Growth of a Company, especially if it adopts “green” machines connected in a Smart Factory.



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Thank you for your attention



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