



LOCATELLI
MECCANICA



Precision Hydraulic Presses

100
1924 - 2024

The best quality Presses – Made in Italy

Contents

Contents	2
Passionate about Innovation	3
Core Competencies	4
Precision	5
Oil-Hydraulic Presses	6
Big Table Presses	8
Metal-working	10
Easy maintenance	11
Feeding & Handling	12
Point of Interest	13
Technical features Standard Presses	14
Technical features Large Table Presses	15

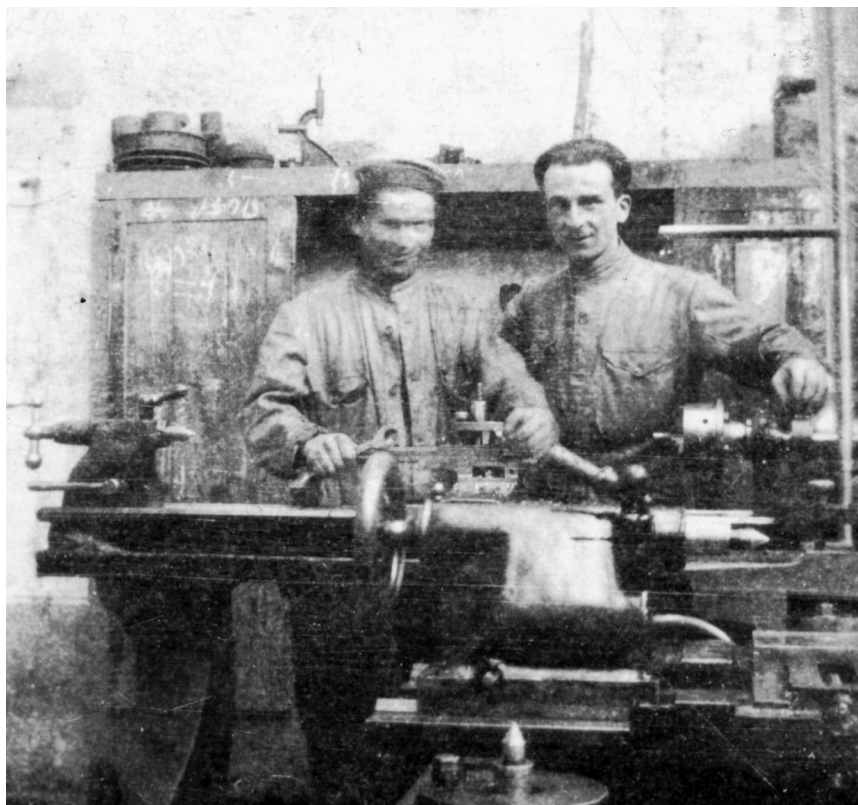


© Copyright Locatelli Meccanica S.r.l.
2025 Edition



[View website](#)

Passionate about Innovations



Established in **1924** by the brothers **Italo** and **Sergio Locatelli** in the beautiful **Casentino Valley** in Tuscany in Italy, Locatelli Meccanica is an Expert Company in designing and manufacturing High Precision Hydraulic Presses with the latest Technology for the High-End Industry.

We combine decades of experience and ongoing advances in all areas of the stamping technology, and have steered development in several new directions.

Locatelli Meccanica develops individual stamping solutions for different applications, accompanying customers to a global expansion and providing support via our product services.

Thanks to the mechanical, hydraulic, electric and electronic design performed by our engineers and to the internal manufacturing, we can react swiftly and flexibly to the customer's needs.

Our Mission

One hundred years of experience into machine design and manufacturing have resulted in the new range of new, innovative, flexible presses. Many different sizes are available including custom made machines.

As an active development partner to our customers, we are heavily geared to Progress and Innovation, and particularly welcome to complex challenges.

Customers come to rely on our innovative solutions and extensive product range.

Core Competencies



Our core technologies are Compact, Robust, Versatile **Oil-Hydraulic presses, Minting Presses** and **Blanking Presses**.

Our hard-working, talented, customer-oriented team tailors each press to the customer's request. By working as part of an extensive network of internal and external partners, we steadily build our know-how base and continuously push ahead with development of new pressing solutions.

Advanced activation processes guarantee **perfection in stamping** even with fully automated systems. This press concept is optimal for the requirements of small and medium enterprises. As a result, we satisfy all the requirements of the Market in this price-sensitive press range, with a comprehensively winning concept.

Safety Awareness

High quality standards guarantee security of investment and ease of maintenance. Hydraulic drawing and stamping presses from Locatelli Meccanica combine maximum production flexibility with convenience in everyday operation.

Safety factors are incorporated into our products and processes design from outset. Maximum durability, functionality and emphasis on production mean, for us, the state-of-the-art Safety Protections without compromises.



Precision

In our opinion, one cannot think of having a Quality Press if all its components are not equally precise. Not only must commercial materials be of the highest quality, but all mechanical processes must be controlled and must meet the highest level of quality standards. That's why inside our factory, in addition to the design, we also have the internal processing of all the mechanical components.



Industrial benefit from Precision Machining

A business that needs a durable parts formed to an exact size, completely finished after pressing, need **Precision Presses** to get the job well done.

For this reason, it is very important that every part of a machinery is perfectly synchronized with the others.

In the stamping industry, precision in striking is basilar to work: to achieve high quality stamping, precision in the press components means high productivity, repeatability in quality and low production costs.

**From A to Z
manufactured
in our Plant**

Available 35 to 1000 Tons



Oil-Hydraulic Presses

Oil-Hydraulic Presses

Down stroking press:

Rigid four columns press frame with upper and Lower table made in Forged Steel (C45);

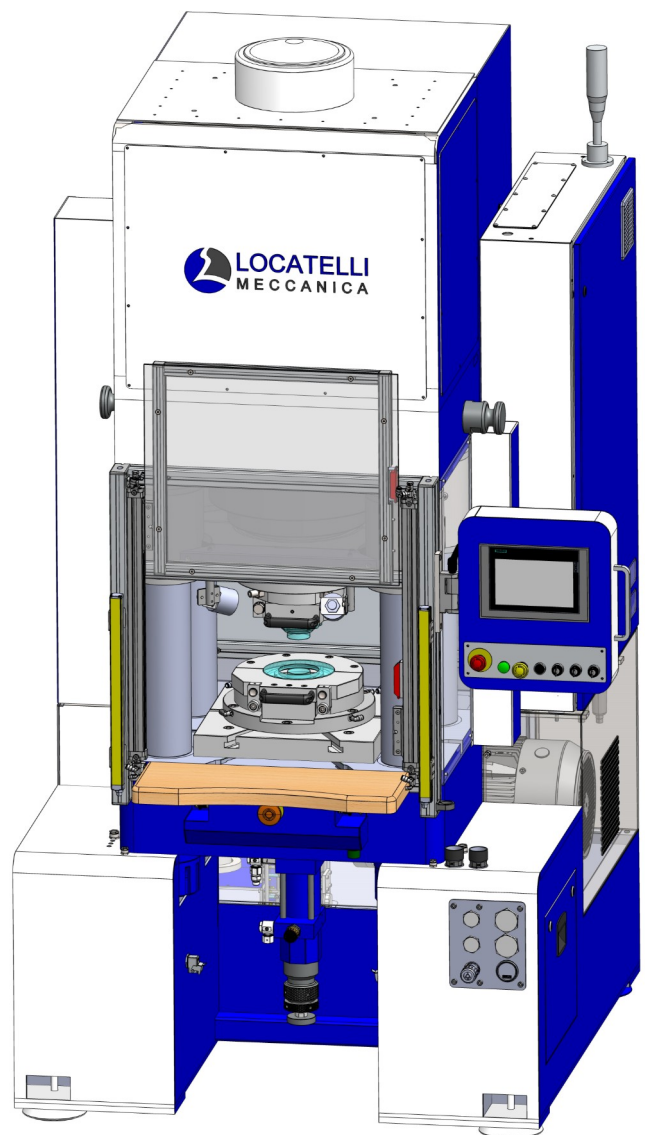
Very compact unit, with electric cabinet and Hydraulic pack mounted on the same press basement;

Lower and upper ejector unit, with adjustable ejection power and speed;

Magnetic encoder, for ram position control measuring system, contactless; **Very low noise** equipment, <70 dB (A); **Ergonomic design** with a seating position and wide legroom; **Easy accessibility** to all the parts of the machine, even with automation feeding system installed;

Great variety of working programs:

Multiple pressing and Dwell Time in closed mould, for a full control of metal's flowing inside the mould; **Lifting Function, Safety for mould**: alarms on double charging, wrong charging (by standard software), no charging (option); **Fast blanking, Hologram Function, Micron Program** (useful to Improve precision in complex parts), **Fast program, Auto-Brake program**; **Ramps of pressure**: possibility to set the time to reach the target pressure (the operator decides this time, not the machine according to the metal's resistance); **Memory of thousand of programs**, with alphanumeric name for an easy recall; **World Wide Access** to the PLC for analytical diagnostics and subsequent modification - update – tailoring – fine tuning of the software.



Available 35 to 500 Tons



Big Table Presses

Big Table Presses

The same
software for all
our presses



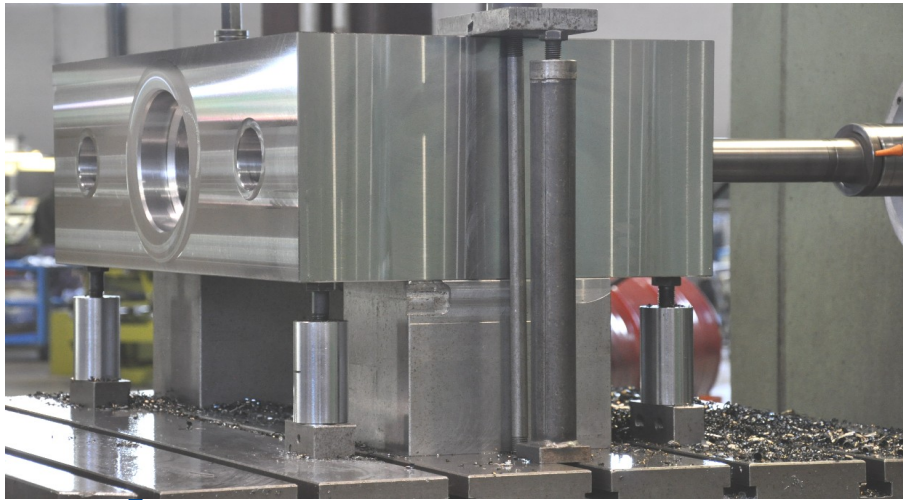
Down stroking press:

Rigid four columns press frame with upper and Lower table made in welded steel C45;
Compact single unit, with electric cabinet and Hydraulic pack mounted on the press basement;
Optionally equipped with a **Hydraulic Bolster Cushion**, cutting impact damping or a die change system. Hydraulic drawing and stamping presses meet all requirements for efficient production in the press shop.
Very low noise, <75 dB(A).

The Big Table series provides the **same features** of the standard Hydraulic Presses, by means of hydraulic and electric components, as well as software design, with the advantage of a larger space up to 1200x1200 mm and the possibility to install a lower blank holder for deep drawing operations.

Blanking, hot and cold sheet-metal press-work; our oil-hydraulic presses are used for drawing, progressive and step-by-step press-work.

Metal-working



Every metal parts is worked in our plant

The tooling machines installed in our Plant are provided with Numerical Control, inside which the data necessary for the manufacturing of the mechanical components are entered in terms of dimensions, speed and tolerances. Once the input has been given to the machinery, it will start an automation capable of producing a standard number of mechanical components, at a given time interval.

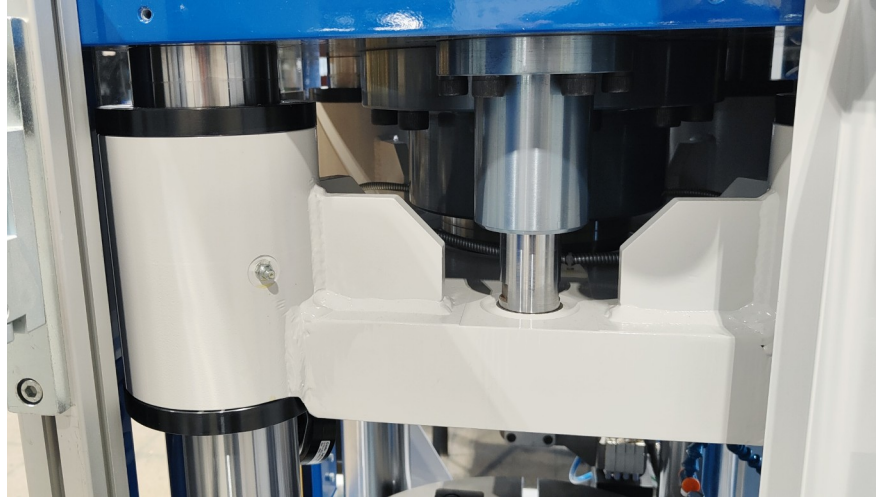
The great advantage, in these cases, is in the correction of errors during manufacturing. Whenever the machinery detects an anomaly in the supply chain, it makes the contextual modification and reactivates the automation process in a very short time.



Easy maintenance



LOW
MAINTENANCE



Easy maintenance and accessibility

Our philosophy is: **every user must be able to do standard maintenance in an easy way.**

For this reason, the Smart HMI give instructions whenever is necessary a maintenance. Furthermore, the ergonomics of the machine is made in such way to allow to reach all sensible parts (like electro valves, filters, electric components, etc..) even with a minimal acknowledge of mechanics.

- Accessible areas of intervention;
- Specific signs to identify maintenance and service points;
- Large areas to facilitate maintenance;
- Protection of critical areas;
- **Automatic lubrication system**, maintenance free;
- Grease lubrication; consumption contained to a minimum for the mobile table.

Feeding & Handling



[Play video](#)



Robots, Transfers, Feeders etc.

Our automations are the **smart, compact and innovative solutions** designed for every customer, optimizing the working cycle. They allow to:

- Delete the man work;
- Have the stand-alone work;
- Get the advantage of the pressing operation avoiding the empty time;
- Allow an industrial repeatability operation to assure a constant quality.

Automations are adjustable to the needs and requests of the customer, depending on:

- Products size;
- Spaces availability.

In case of transfer system, handling is made of a Compact double-axis unit, which moves blanks from stock to the pressing tool and then to collecting area. The first axis is moved by a robot, that activates a double gripping system which takes and lift parts of few millimetres and move them in the die. At the same time, it moves the pressed parts to the collecting area.

Points of Interest



HARDWARE

- Perfect control of the parts thickness;
- Frame rigidity ;
- Press Piston guided on the four columns;
- 7 sliding / guiding points;
- Pressure precision of 1%;
- Easy accessibility to all the parts of the machine.

SOFTWARE

- Multiple pressing and Dwell Time;
- Safety for mould;
- Fast blanking;
- Hologram Function;
- Micron Program;
- Fast program;
- Ramps of pressure;
- Memory of thousand of programs;
- World Wide Access and FREE teleservice.



Our products are also eco-friendly, thanks to our environment oriented approach to choosing suppliers, cleaning and internal movement of materials.

Approximately 70% of the electricity consumed in Locatelli Meccanica is produced by a powerful New Generation Photovoltaic System positioned on the roof of our Plant.

Technical features Standard presses

Models	T.35 4C	T.75 4C	T.125 4C	NKT.200	T.200 4C	T.300 4C	T.400 4C	T.600 4C	T.800 4C	T.1000 4C
Height mm	2350	2390	2460	2750	2640	2605	2910	3030	3320	3230
Width mm	1200	1100	1210	1470	1310	1440	1500	1700	1820	2140
Depth mm	1250	1430	1360	1450	1450	1540	1670	1670	1780	2120
Front Light mm	410	360	450	500	475	575	590	695	805	980
Side Light mm	170	310	220	380	245	305	390	325	395	630
Piston's Stroke	120	150	150	150	150	150	150	200	200	200
Daylight mm	300	390	370	390	395	410	455	550	525	609
Table Size mm	410x400	360x550	450x480	640x500	475x580	575x670	590x800	695x800	805x910	980x1290
Force T	35	75	125	190	200	300	400	600	800	1000
Motor kW	4	7,5	7,5	11	15	18,5	18,5	30	30	37
Oil Kg	220	270	330	305	325	360	420	550	610	650
Down Speed *	470	370	370	240	370	380	350	420	360	350
Load Speed *	5	7	5	3	5	4	4	4	3	3
Return Speed *	440	350	370	230	350	370	340	400	360	330
Weight Kg	1900	2400	2950	4300	4500	5500	7800	11300	15000	23500

Technical features Large Table presses

Models		T.35 4CL	T.100 4CL	T.300 4CL	T.300/150 4CL	T.500 4CL	T.500/150 4CL
Tonnage, slide	Tons	35	100	300	300	500	500
Daylight	mm	400	600	715	700	800	850
Stroke, slide	mm	250	250	400	400	500	500
Table dimensions	mm	450 x 640	1000 x 800	1000 x 1120	1000 x 860	1200 x 1035	1220 x 1075
Side Light	mm	450	420	670	450	560	600
T-slots (H12)	DIN 650	16	18	18	18	18	18
Approach speed	mm/s	570	332	390	408	324	350
Press speed	mm/s	9,5	4,3	4	3,5	3,6	2,5
Return speed	mm/s	445	238	300	414	310	330
Motor Power	kW	3	9,2	18,5	18,5	18,5	18,5
Total dimensions w x d x h	mm	1900 x 1340 x 2900	1390 x 1600 x 2900	1930 x 2280 x 3650	1855 x 1790 x 3605	2060 x 2160 x 3675	2220 x 2010 x 3875
Tonnage, cushion	Tons	---	---	---	150	---	150
Cushion table dimensions	mm	---	---	---	850 x 760	---	850 x 760
Cushion stroke	mm	---	---	---	200	---	200
Cushion pin	Ø mm	---	---	---	30	---	30
Cushion speed up	mm/s	---	---	---	40 / 80 max.	---	40 / 80 max.
Punch speed up	mm/s	---	---	---	7,7	---	7,7
Weight	Kg	1900	5500	11000	12800	15000	20000
Oil (Option)	Kg	178	310	490	504	555	670



locatellimeccanica.com

HEADQUARTER

Via R. Signorini, 5
52010 Subbiano (Arezzo)
Italy
Tel.: +39 0575 48305

info@locatellimeccanica.com

WORLDWIDE AGENCIES

BRAZIL
FRANCE
INDIA
JAPAN
NORWAY
PORTUGAL
SWITZERLAND
UAE
USA



Made in Italy



Follows us on social media:

