



HYDRAULIC PRESS MODEL T. 35 4C
Quotation n° 1710/19

Control Panel

- **New design swinging / height adjustable monitor.**
- **Allen-Bradley colour touch screen 10”.**
- **USB + Ethernet connection + Teleassistance (wi-fi, 4G, Ethernet)**
- **Multiple pressing with timer.** This device allows having three pressings with closed die. In this way the material is stretched at different pressures and dwell-times, and the user reduce or avoid annealing the piece in the furnace with better results in relief.
- Operative cycle with fine position position control ± 0.01 mm.
- Operative cycle with fine pressure control $\pm 1\%$ precision.
- Setting up of the pressure through display keyboard.
- Safety working limit of the pressure set up by the user.
- Hours counter device.
- Axis reset.
- Wiring to fit an automatic feeder.
- Pressing mode - Programs:
 - Manual - Automatic - Continue (with automation).
- Real position for TDC and BDC.
- Timer for upper and lower extractors.
- Programmable “virtual cams” on upward – downward movement of the piston.
- Counter pieces device (increase, decrease or reset of the pieces). Setting of the pieces to do, with stop of the machine at this reaching.
- Cycle time for every cycle with chronometer.
- Oil temperature and settings for water input (option).
- Signal messages for wrong data entry.
- Alarm messages.
- Instructions displayed in multi-languages (Italian - English).
- Memory of 1000 different programs.



The Main piston

- Fast speed 568 mm./ second.
- Workings speed 9,5 mm./ second.
- Backs speed 260 mm./ second.
- Piston powers adjustable 3-35 tonnes.
- Back power of the piston 2,5 tonnes.
- Position of the starting point of the piston adjustable by CNC control.
- Position of the brake of the piston adjustable by CNC control.
- Position of the arriving point of the piston adjustable by CNC control.

Safety

- Safety front Light curtain photocells level 4;
- Front table with integrated two-hand control device, suitable to store blanks and coined medals;
- Delivery according to EC machine guide line 2006/42 EEC with Declaration of Conformity;
- Immediate stop of the piston when it joins the bottom set position. This allows the best safety for the tools (difference $\pm 0,02$ mm. end position);
- Safety of the high and low extra-strokes by means of microswitches;
- Valve with monitor to support the mobile plane, fixed directly on the cylinder block. This valve prevents a possible fall of the piston;
- Back and sides protections by Lexan® (anti-explosion) doors, mechanically fixed;
- Leds lighting of the tool space 1400 lum – 5000 K;
- N. 4 anti-vibrations feet;
- Lighting warning tower.

Lower extractor of the pieces (Option)

- The cylinder is fixed on a slide, which allows a fast dismantling without remove any pipe or electric wire.
- Adjustable extraction speed.
- Adjustable piston power 0 - 8 tons.
- Stroke 0 - 40 mm. through mechanical stop.
- Automatic or manual selection of the extractor.
- Hydraulic cushion included (it is possible to work with contra-pressure).
- Timer of the extraction.

Water Heat exchanger

- It allows cooling the hydraulic oil with a bundle of copper pipes cooled by the water.
- A thermostatic valve (optional) adjusts the water flow according to the temperature of the hydraulic oil. This valve allows sparing the consumption of water.

Building characteristics

- ARCHITECTURE: 4 columns, with the upper cylinder got from the same architrave of the press, forged in one piece to have the steel's fibres placed in a normal way during the efforts of the working phases. The lower plan is made in forged steel. The press is accessible by the four sides, as well as the hydraulic pack.
- Hydraulic pumps and filters outside the oil tank, for an easy checking.
- Special "low noise" German hydraulic pumps.
- **Air Cooler** for hydraulic, electric and electronic components.

More characteristics

- Signal messages for the wrong data entry.
- Entry of the pieces to do, with stop of the machine at this reaching.
- Increase/decrease of 1 hundredth of millimetres through special buttons.
- Breakdowns research with stop of the machine, video message and checking to do to restore the machine.
- Button for the legend of the symbols.
- Axis reset with graphic of the mobile platen.
 - Piston's Stroke: up to 135 mm
 - Daylight: 300 mm.
 - Lower Table: 350 x 360 mm.

PRICE

Euro 44.390,00

OPTIONS:

Front wooden table

Euro 690,00

Lower additional Table

Euro 1.470,00

Lower hydraulic ejector 0÷8 tons, complete with

foot-pedal, hydraulic cushion and timer

Euro 5.670,00

Tele-assistance device

Euro 1.500,00

Two hands safety device

Euro 2.080,00

Available Ex-Factory, Italy

Delivery Time Estimated 4 Months

Terms: 50% with Order, Balance Prior to Ship



Precision Hydraulic Press T.35 4C

The best quality Presses – Made in Italy

TECHNICAL DATA

T.35 4C

Pressing Force.....	KN 30 - 343
	T 3 - 35
Upward Force.....	KN 24,5
	T 2,5
Stroke	mm. 120
Descent speed.....	mm/s 568
Working Speed.....	mm/s 9,5
Upward Speed.....	mm/s 490
Precision repeatability.....	mm. 0.02
3 driving points	Yes
Lower Ejector	Option
Force	KN 0 - 78
	T 0 - 8
Stroke	mm 0 - 40
Working Speed	mm/s 0 - 74
Quick disassembling	Yes
Max Pressure	bars 295
Oil Quantity	Kg 155
Water Heat Exchanger	Yes
Easy access	Yes
Air Cooling	Yes
Memory to PC	Yes
Easy Programming	Yes
Passwords	Yes
Oil temp. control	Option
Electric Power	3 x 400V – 50Hz
Motor Power	3 KW – 6,6 Ampère

ADVANTAGES IN USING A LOCATELLI MECCANICA PRESS, A MACHINE WHICH IS DIFFERENT FROM OTHERS

1. Software to monitor the production costs and the total production management.

Implementation of this software creates what has been called a “smart factory” (Option);

2. **World wide access** to the computer systems of our machinery for analytical diagnostics and subsequent modification / update / tailoring / fine-tuning of our software (Option);

3. **Three guiding points** on the ram plate for a good parallelism of the table: main piston + two side pistons;

4. **Perfect control of part's thickness**, with an exact control of pressure, timing and position. No burr on the edge guaranteed;

5. **Safety for the mould**: alarms on double charging, wrong charging (by standard software), no charging (by optional special device);

6. **Memory of thousands of programs**, with alphanumeric name for an easy recall.