CONTROL XSERIES - ESERIES EVO

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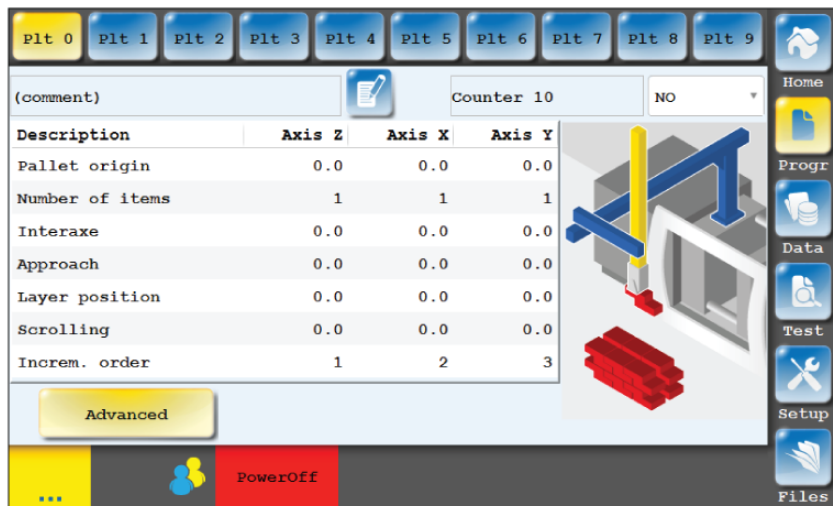
CONSOLE EVO

Lightweight and ergonomic, with touch screen wide range from 7 "TFT 800x480 and membrane keyboard, to plan and manage all functions of the robot in a simple and intuitive. The buttons operator presence in three locations and the mushroom emergency guarantee the use of robots in extreme safety, in compliance with current regulations. On the console are eight function keys that can be programmed to quickly perform specific commands dedicated to the process.
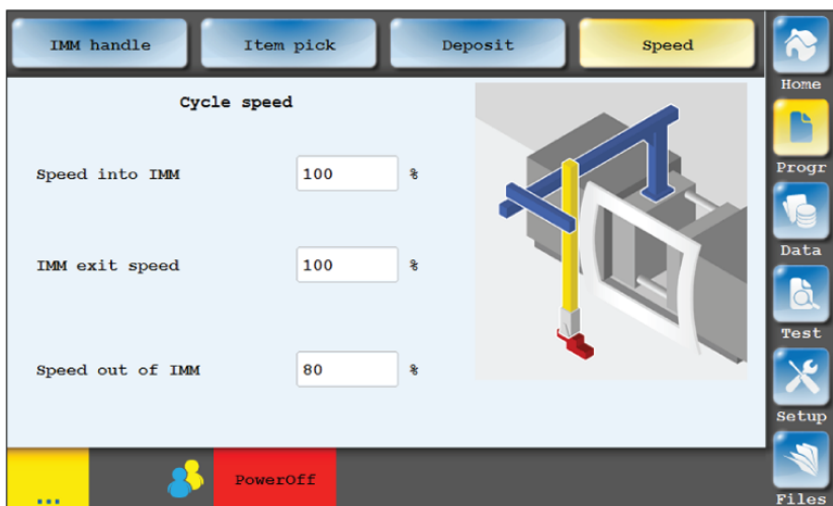
The console features a USB port to be used for backing up programs and to load software updates released by Campetella.

The new EVO software through a simple wizard quickly guides you through the creation of discharge cycles press with functions palletizing. To go in the realization of more complex work cycles, we make use of a powerful editor through which you can access all the functions available. Parallel to the robot can be programmed plc integrated with which you can create and manage automatic external devices. To optimize the cycle of the
robot is possible to vary the dimensions of the axis position in real time during the molding cycle without having to stop and restart the robot at every change, the effects of the change will be visible as early as the next cycle. To allow a conscious use of the robot you can configure access to various features defining
freely users and their access rights, password protected.

The software EVO is also available offline, to be installed on a PC to make offline programming and remote connection to the robot.

Pallet - Palletizing

	Plt 0	Plt 1	Plt 2	Plt 3	Plt 4	Plt 5	Plt 6	Plt 7	Plt 8	Plt 9

(comment)   Counter 10   NO

Description	Axis Z	Axis X	Axis Y
Pallet origin	0.0	0.0	0.0
Number of items	1	1	1
Interaxe	0.0	0.0	0.0
Approach	0.0	0.0	0.0
Layer position	0.0	0.0	0.0
Scrolling	0.0	0.0	0.0
Increm. order	1	2	3

Easy programming Wizard

IMM handle	Item pick	Deposit	Speed

Cycle speed

Speed into IMM	100 %
IMM exit speed	100 %
Speed out of IMM	80 %

STANDARD FEATURES AVAILABLE:

The programming system allows the creation of working cycles
free, using functions that:
- Positioning axes with linear interpolation in all axes
- assisted extraction with electronic control of motor torque axis X chasing the movement of 'extractor press
- Execution of movements in different speed than the setting for the work cycle
- Automatic synchronization of the robot cycle time with the press cycle
- Opening and closing mechanical clamps (basic standard valves with 6 users total between empty and pliers + optional upgrade kit is mounted on the wrist for additional 4 or 8 clamps)
- Separate Management of max. n. 6 vacuum lines each with its own breath release and sensor control
- Rotation wrists
- Management interface press (Euromap 67)
- Command tape storage
- Command shears
- Command external labeling
- Palletizing (ability to manage up to 10 patterns palletizing)
- Unwrapping with movements in "research"
- Management of the scrap piece
- Management of the piece for quality control
- Inserting interlayer in pallet
- Management of additional I / O (Input external card 16 + 16 + 8 Output selectable I / O)

- EASY PROGRAMMING WIZARD: graphical programming wizard
- Programming OFF-LINE: software to be installed on a PC that plays the operator interface, allowing the programming cycle work offline.
- Integrated PLC: programming of small integrated peripherals with possible management of an external axis
- Availability of a library of programming functions for the realization of basic cycles, modifiable
- Storing programs without limit in number thanks to the use of external memory USB
- Remote assistance from CAMPETELLA SERVICE: via Internet connection
- Support from CAMPETELLA SERVICE : via USB key can be downloaded via the Internet and send relevant information to the problem
- Vibration dampening
- Manual movements of the axes
- Manual pliers, suckers, programmable outputs
- Management encumbrances columns press to avoid collisions during movements in manual and in case of wrong programming