



Visual2
Simply technological

For G IV and S5 line robots with 3 to 5 digital axes, to equip your injection moulding machines from 20 to 5000 T.

With Visual 2, it is possible to drive Automation systems with up to 16 axes.

- Large, interactive, 10" LCD screen.
- Patented Simple Pick & Place Module with 3D video.
- Sensitive joystick for controlling the robot instinctively.
- Full-screen display, online documentation can be accessed at any time.
- USB, Ethernet and Wifi connections: all the available communication standards to connect up to your company's IT system.

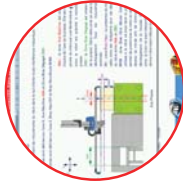
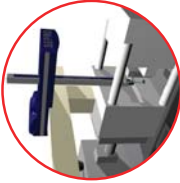
...and that's not all...

It's so easy

- See what you're creating in 3D
- With the **Simple Pick & Place Module**, create your cycle by answering the questions the system asks you and see the result immediately in **3D on the video**.
- "What you see is what you get"
- Fine-tuning movements in the mold made easy thanks to the **joystick**.

Visual 2: make your daily routine easier

- You can consult the full-screen documentation at any time.
- If a fault appears, **troubleshooting** data is displayed automatically.
- Transfer information from one team to another using the **notepad function**.
- Thanks to the **USB key**, operators, setters, programmers and maintenance personnel have direct access to the relevant data.



The Milacron Automation Pack gives you very large scope for all your stacking, insert placing, fabric overmolding, IML (In Mold Labelling), vision, etc. operations.

- The standard, 100 ms **PLC function** is upgraded to 20 ms and allows you to manage external, digital axes.
- Create and fine-tune your complex program with the **PC editor/monitor function** in a familiar, Windows® environment.
- You manage **intelligent peripheral units** (vision, bar codes, RFID, etc.)
- It is possible to have up to six 16I/16O modules.

Centralize your robot programs via your company's IT network.

- Print and save your programs using the **USB key**.
- **Connect up to your Ethernet TCP/IP or Wifi network** to create and transfer your programs to the robot from a central PC (option).

Tried and tested ergonomics

- **Task-based navigation** means you can directly access the job to be done.
- **Eco Mode**: after having programmed your cycle, you just need to press one key to limit power consumption during the cycle.
- **Digital vacuum switch**: program and save your part grip settings for each mold (option).





	3 axes	5 axes with digital rotation units, either: R1+R2 or R1+R3	Automation Pack
G4 and S5 Line robots for 20 to 450 T IMMs	✓		✓
G4 and S5 Line robots for 150 to 900 T IMMs	✓	✓	✓
G4 and S5 Line robots for 600 to 5000 T IMMs	✓	✓	✓

R1 rotation : rotation around the horizontal axis
 R2 rotation : rotation around the transversal axis
 R3 rotation : rotation around the vertical axis

Visual 2 Standard functions:

- Memory can manage up to 1000 different applications.
- Up to 1000 palletizing subroutines for each application.
- Up to 3 simultaneous, parallel subroutines to control the robot and its automation.
- Euromap 67 and SPI interface. Euromap 12 on request.
- Standard PLC function (100 ms) for managing your simple peripheral units.
- Possible to increase Inputs and Outputs up to two 16I/16O modules.

Options:

- PC editor function in Windows® environment: create and transfer programs from your PC to the robot via the Ethernet link or your USB key (included in the Automation Pack).
- PC monitor function in Windows® environment: PC online link to visualize the robot working when fine-tuning complex applications, with the possibility of creating timing diagrams for your application (included in the Automation Pack).
- Digital vacuum switch: program and save your part grip settings for each mold.
- BRP (IMM remote Restart Unit) to operate your robot as close as possible to the IMM control unit.
- Euromap 17 IMM connection.
- Mold tracking function & Path tracking function.



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