

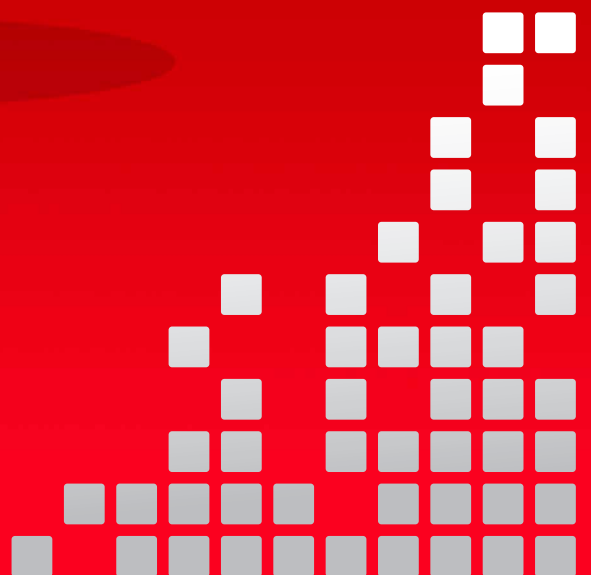
COMPETENCE IN AUTOMATION

WEMO.

WIPS.

Wemo Intuitive Programming System

WIPS Platform of control system



WIPS.

WEMO INTUITIVE PROGRAMMING SYSTEM

Intuitive latin: intueri Intuition is the power of the mind to perceive the truth without analysis. In other words: The answer to the question should just come to you.

POWERFUL & EASY



WIPS - The new programming software

Guides the operator through the program. It's fast and easy to learn, which means a minimum of programming time. A complete program will now be created with less instructions. 100 rows of code has become 5 symbols. This makes the WIPS Software powerful & easy.



Energy saving function inside

5 TOP Advantages with WIPS software

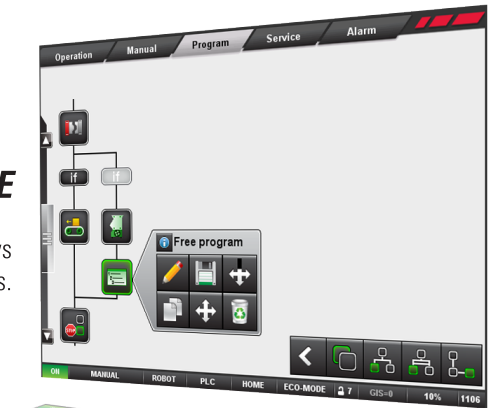
1. USER FRIENDLY

Program functions are created in simple and instructive wizards.



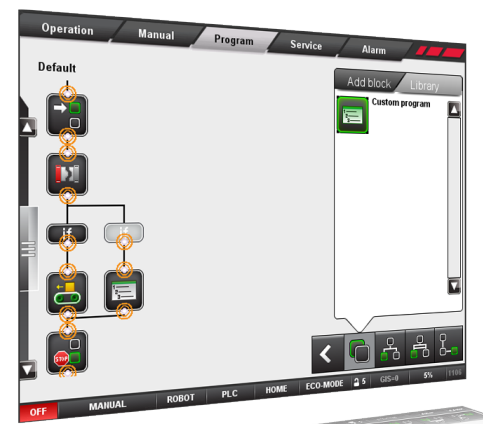
2. VISIBLE PROGRAM STRUCTURE

Graphical program blocks instead of many rows and instructions.



3. CUSTOMIZED PROGRAM STRUCTURE

Users can easily create their own function blocks that can be reused in all new programs.



4. MINIMUM OF TRAINING

The design with well known understandable symbols, reduces the learning time for all users.



5. FLEXIBLE SYSTEM ARCHITECTURE

The system is designed for communication and control of external axes and peripheral equipments.



WIPS Plastic - Handheld panel W-HP7

For flexible use

The ergonomic design of the handheld panel makes operating the robot comfortable and easy for both right and left handed users.



USB-port

USB port for program management

Hand Wheel

Hand wheel for easy adjustment of speeds and positions

Axes Movement

Hardwired buttons for axes movements

Status

Simple indication of robot and automation status

Touch Screen

Clear high-resolution full-colour touch screen

W-HP7

Easy to use

The simplest way is the fastest way, leading to time and cost savings. This is our basic programming concept.

We invest our resources in functional design to make the most user-friendly system on the market. Simple symbolic icons and self-generated program lines guide the operator through various alternatives and result in short operator learning times.

Ergonomic

Ergonomic and lightweight design



Touch screen

Easy and intuitive high resolved touch screen for best user interface

Usb port

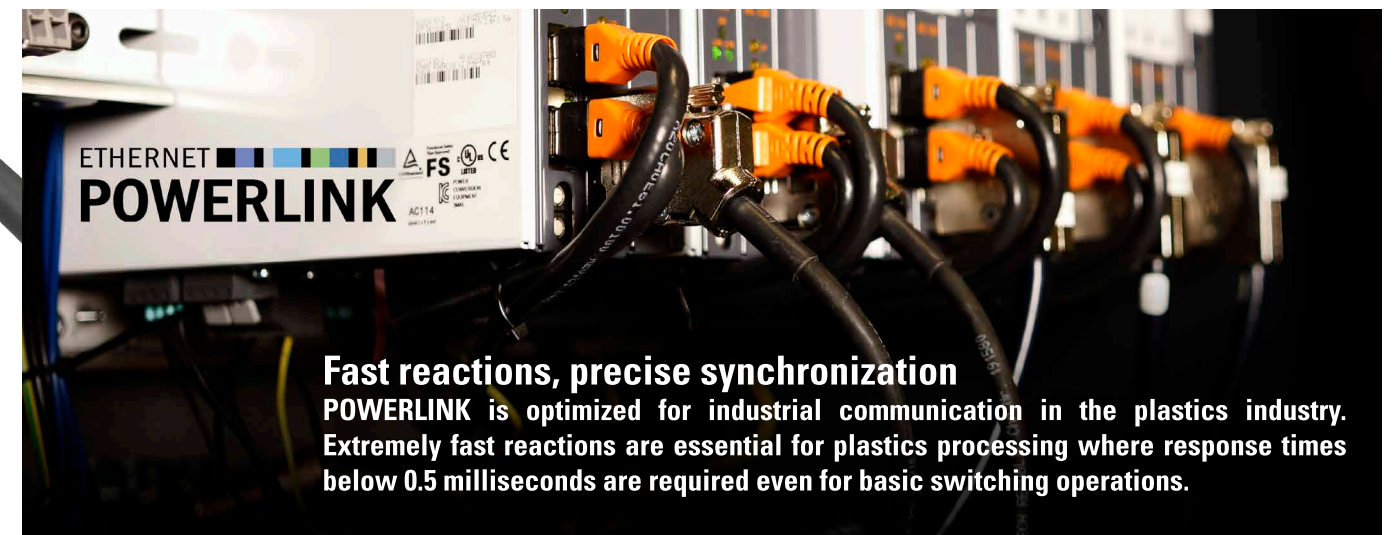
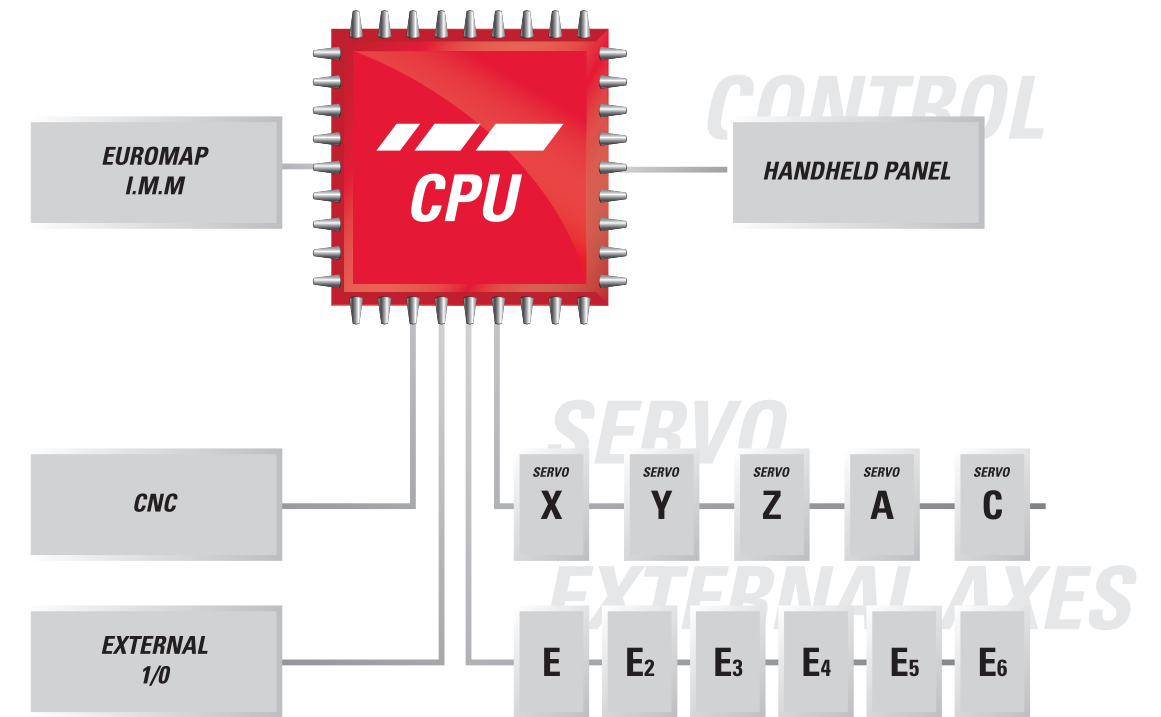
Integrated USB port for simple saving and loading of programs and configurations

Seperate hand wheel

For adjustments of speed as well as incremental positioning during setup

State of art - hardware architecture - WIPS Plastic

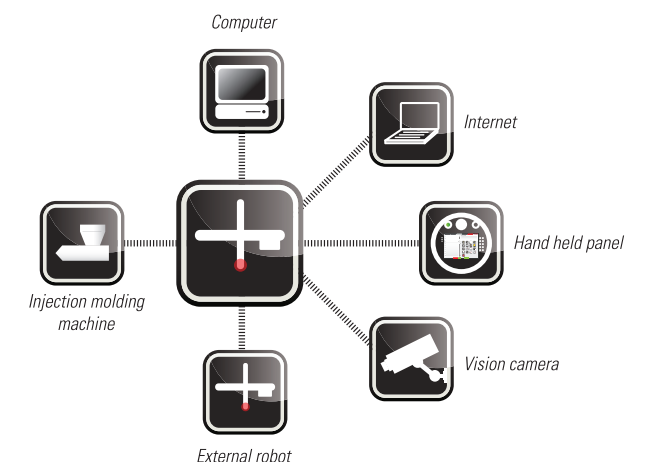
The hardware design is based on the most modern architecture for communication. All dedicated control modules communicate directly. Without interface limitations the modules reacts without delay, resulting in shorter cycletimes.



Fast reactions, precise synchronization
POWERLINK is optimized for industrial communication in the plastics industry. Extremely fast reactions are essential for plastics processing where response times below 0.5 milliseconds are required even for basic switching operations.

Flexible system architecture

The open architecture of the WIPS control system can control not only the robot but also external axes and communicate to several types of equipment in the automation. This results in more stable functions and reduces the costs in automation, simplifies operation, maintenance and service.



WIPS Plastic - User friendliness in the easiest way

A clear and understandable interface is of highest priority to make the work easier.

Interactive dialogs provide the user with the information currently required

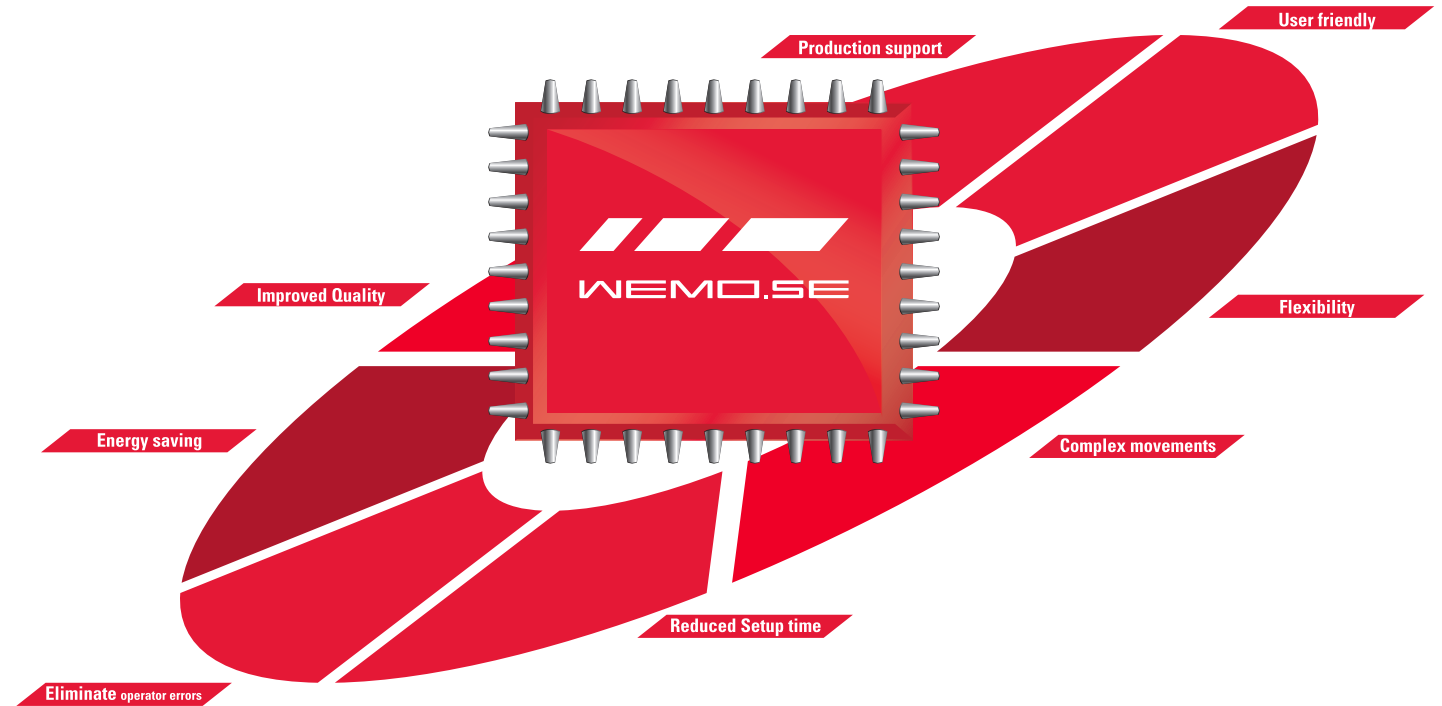


Wemo Integrated Automation Process - WIAP

WIAP.

In the production process around the moulding machine, there is always a risk for disturbances depending on operator errors. In many cases, the automation added to the machine, is the most complex process.

WIAP will improve the quality and output of production with the robot as the central unit.



WIAP is our way to improve the process

Userfriendly- Intuitive operator interface (WIPS)

Flexibility- centralized control of peripheral equipment (external axes)

Complex movements- using CNC programs

Reduced Setup time- using standardized equipments (WGS, QuickOn)

Eliminate operator errors- using intelligent features (GIS, WMP)

Energy saving- reduced energy consumption (ECO, W-EVU)

Improved Quality- using inspection and monitoring (WQS, Vision)

Production support- service & remote diagnostic, (WRS)

- In the end, this will result in cost efficiency and more sustainable production.

WIPS.
PLASTIC



WIPSe - Handheld panel W-HP10

The new ergonomic handheld W-HP10 with a large clear touch screen makes programming easy. The USB memory stick and the integrated touch pen are standard.

WIPSe

User friendliness - WIPSe

Easy programming

The simplest way is the fastest way, leading to time and cost savings. This is our well-proven programming concept using the new WIPSe symbols.

This results in short operator learning time.



-3-positions, dead man handle is an available option.



Free programming

The operator makes the program without any restrictions. By using symbols this mode allows maximum flexibility even for more complex applications.

Our symbol-based solution makes programming easy to learn. This programming method offers the user unique opportunities.

Touch screen

Easy and intuitive high resolved touch screen for best user interface



USB Port

Integrated USB port for simple saving and loading of programs and configurations



WEMO ECO Function

ECO Function – standard energy function on all Wemo robots
In order to save energy and reduce the mechanical wear, the robot automatically adjusts its movements outside the mould area to the actual cycle time of the IMM. This results in smoother movements with less wear as well as reduced energy costs.

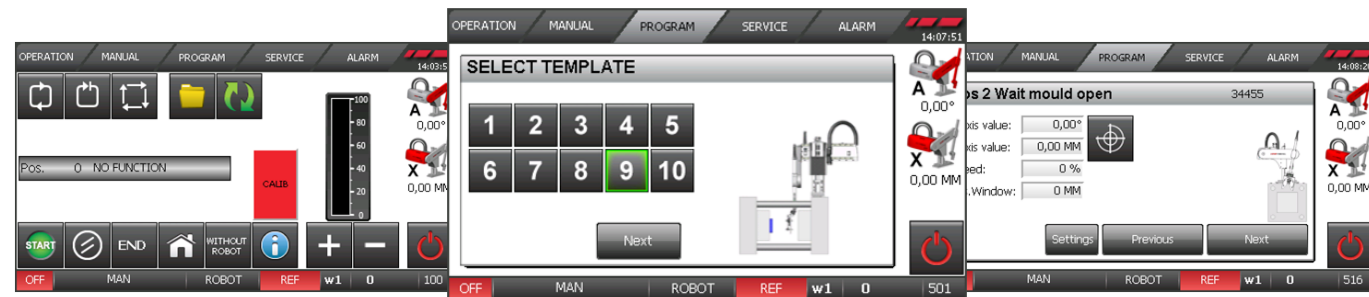
Easy to use



W-HP9

Simple procedure for short setup

The new handheld W-HP9 for the 4-5 swing arm servo robot has an ergonomic design with a large and clear touch screen. Wips mini is a new faster and easier way of programming. This result in short operator learning times.



Clear overview

The operation menu uses clear symbols to provide an overview of the important informations.

Select template

For short setup times its easy to select template of movements with animated movies.

Easy guiding

The symbols clearly display the chosen functions. This allows fast and simple learning.

Service & remote diagnostic

With WRS, it is possible to access the robot within your company or by using a standard web browser from any location. It will also decrease the standstill time and save time and money when a fault occurs.

- Programming support,
- Backup of programs and settings,
- Troubleshooting and monitoring the process



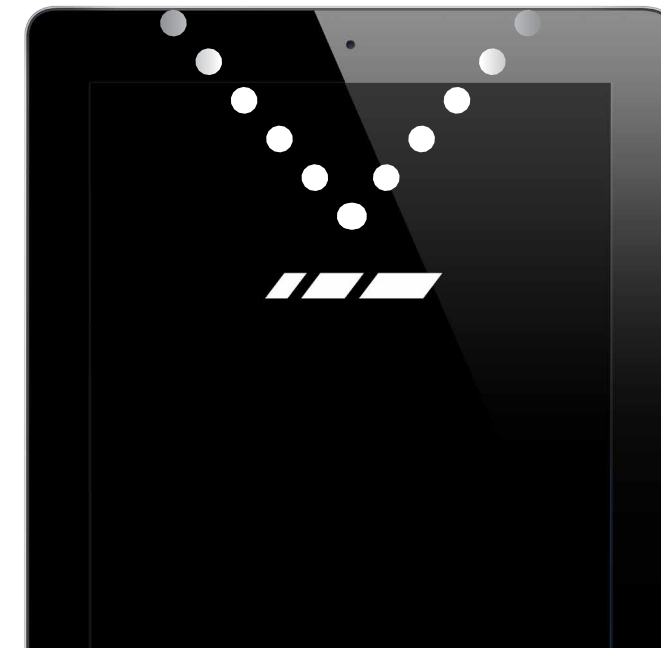
Offline

PC software for offline programming.



Wemo Remote System

Service and diagnostic tool for remote access.



Software

Robotsystem



WEMO.
COMPETENCE IN AUTOMATION

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