

AUTOMATE-200 SE I4.0

Recycling Plant 4.0



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Recycling Plant 4.0: Technology that transforms recycling.

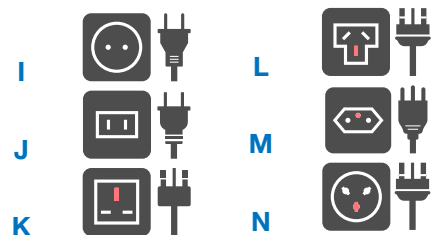
The Automate-200 SE I4.0 simulates a solid waste recycling plant, offering a qualitative leap towards Industry 4.0.

This innovative training environment not only integrates technologies used in automated processes, but also incorporates advanced 4.0 technologies such as augmented reality, IO-Link devices, artificial vision and IoT connectivity, offering a highly motivating experience for students.

How to order

AMT[®] SOB[®] - I¹A² - 02³01⁴

1 Socket



2 Documentation language

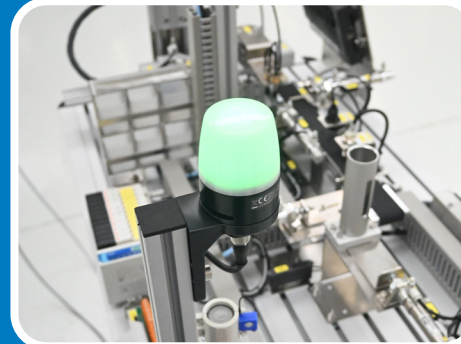
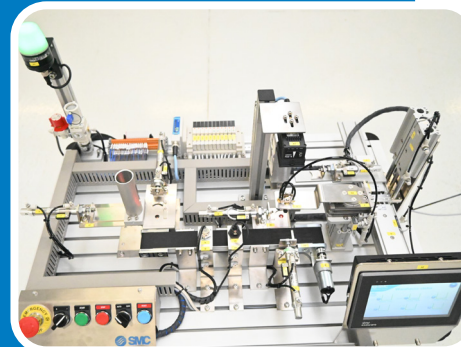
A Spanish
B English

3 PLC

02 SIEMENS S7-1500
04 ALLEN-BRADLEY COMPACTLOGIX
06 OMRON - NX
11 MITSUBISHI - FX5

4 Optional

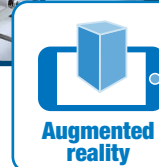
00 Without optionals
01 With troubleshooting box



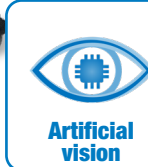
Develop your study, analysis and research **PROJECTS.**



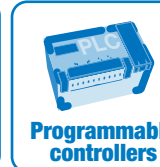
Relevant technologies included:



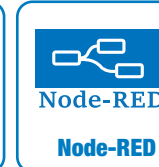
Augmented reality



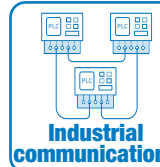
Artificial vision



Programmable controllers



Node-RED



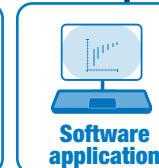
Industrial communications



OPC UA



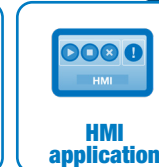
IO-Link
Smart devices



Software application



Remote access



HMI application



It includes a software application developed in Node-RED that communicates with the system via OPC-UA. This application is installed and run on a RevPi device that offers the following functionalities:

- Management of the warehouse of the recycled parts.
- Configuration of the parts to be recycled.
- Data exchange via the IO-Link communications protocol.

It also incorporates a human-machine interface (HMI) panel that runs an application with the following functions:

- Management of the warehouse of the recycled parts.
- Configuration of parts to be recycled.
- Management of data exchange via the IO-Link communications protocol.
- Access to the Augmented Reality application marker.

* The content of this document may change without prior notification



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WEB



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