LOG-200

RFID logistics trainer

The trainer which includes RFID technology within the context of a logistics application

Compact and easy to use!

SMC
INTERNATIONAL TRAINING

Develop the SKILLS...

ANALYSIS

DESIGNING

TECH DOCUM. CREATION

INTERPRETACIÓN DOCUMENT.

OPERATION

PROGRAMMING

Monitor deliveries from your software application over the Internet!

In the following TECHNOLOGIES...

ELECTRICAL PANEL

ELECTRIC MOTORS

IDENTIFICATION SYSTEMS

INDUSTRIAL COMMUNIC.

SCADA / HMI

LOG-200 - RFID logistics trainer

LOG-200 is focused on studying RFID technology in a logistics application, using only industrial components. It also includes a Web server that can access the system over the Internet.

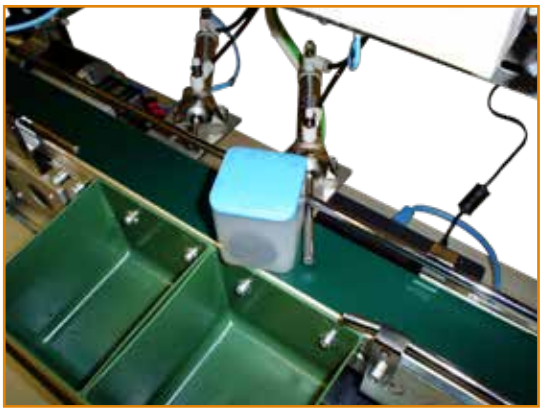
LOG-200 uses the following RFID devices:

- RFID read/write module - it enables reading and writing information in each of the tags.
- RFID Controller - It brings together and manages up to 3 RFID stations.
- "Tags" - They store the relevant information to maintain the traceability of objects.

RFID Controller

RFID read/write module

Tags



LOG-200 displays the information contained in each "tag" through the RFID controller and the PLC sends the right information to each actuator to place each container in its correct location. In addition, information for each object can be accessed over the Internet by means of a Web server that communicates with the PLC.

• SAI2961	LOG-200 with Schneider PLC
• SAI2963	LOG-200 with Omron PLC
• SAI2964	LOG-200 with Siemens PLC
• SAI2965	LOG-200 with Allen Bradley PLC

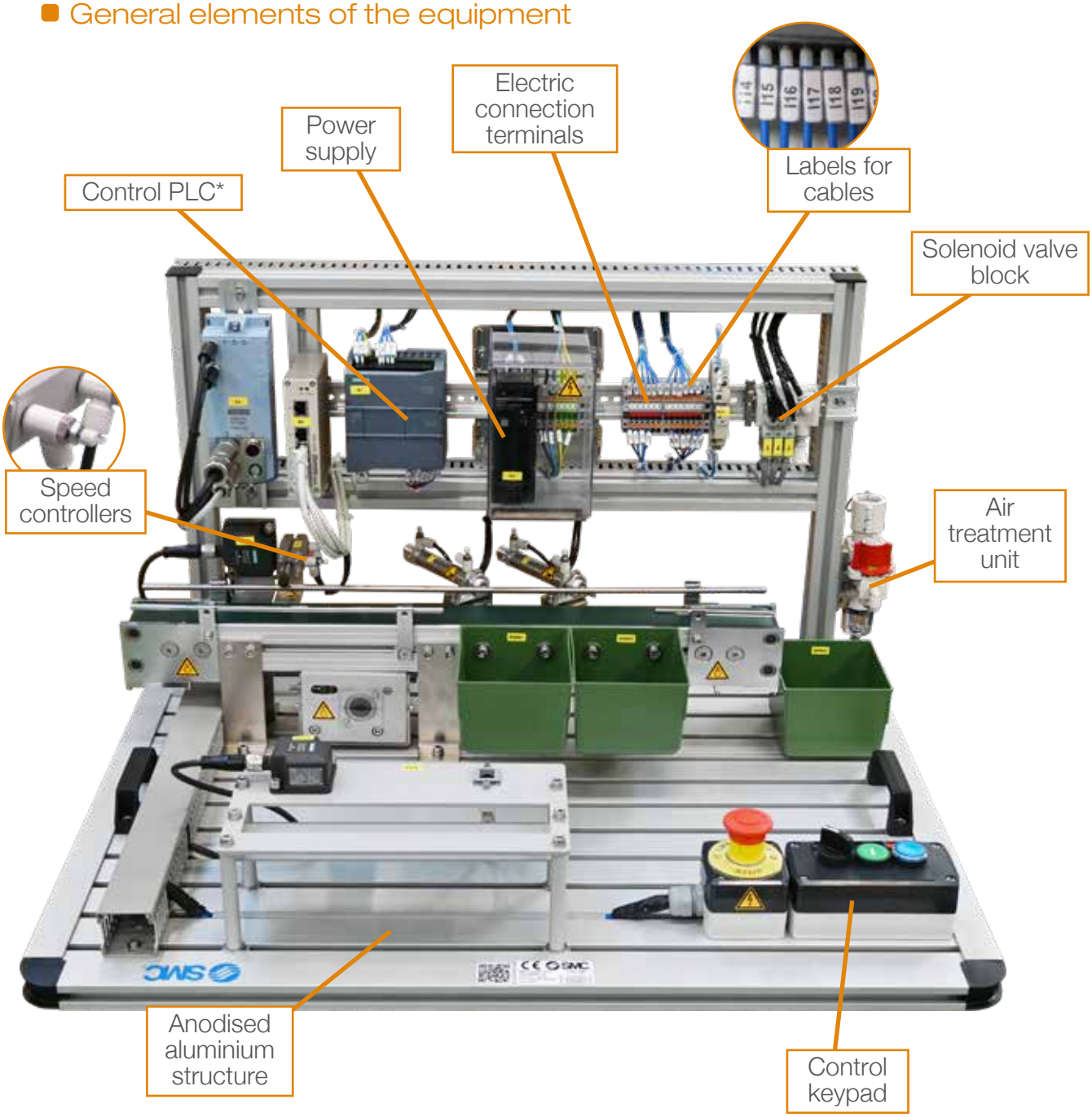
LOG-200 includes 2 different software applications:

- Web server software - it can set up a website to track the object's traceability over the Internet.
- SCADA software - sets up a remote application to read/write information on RFID tags.

Web server software

SCADA software

General elements of the equipment



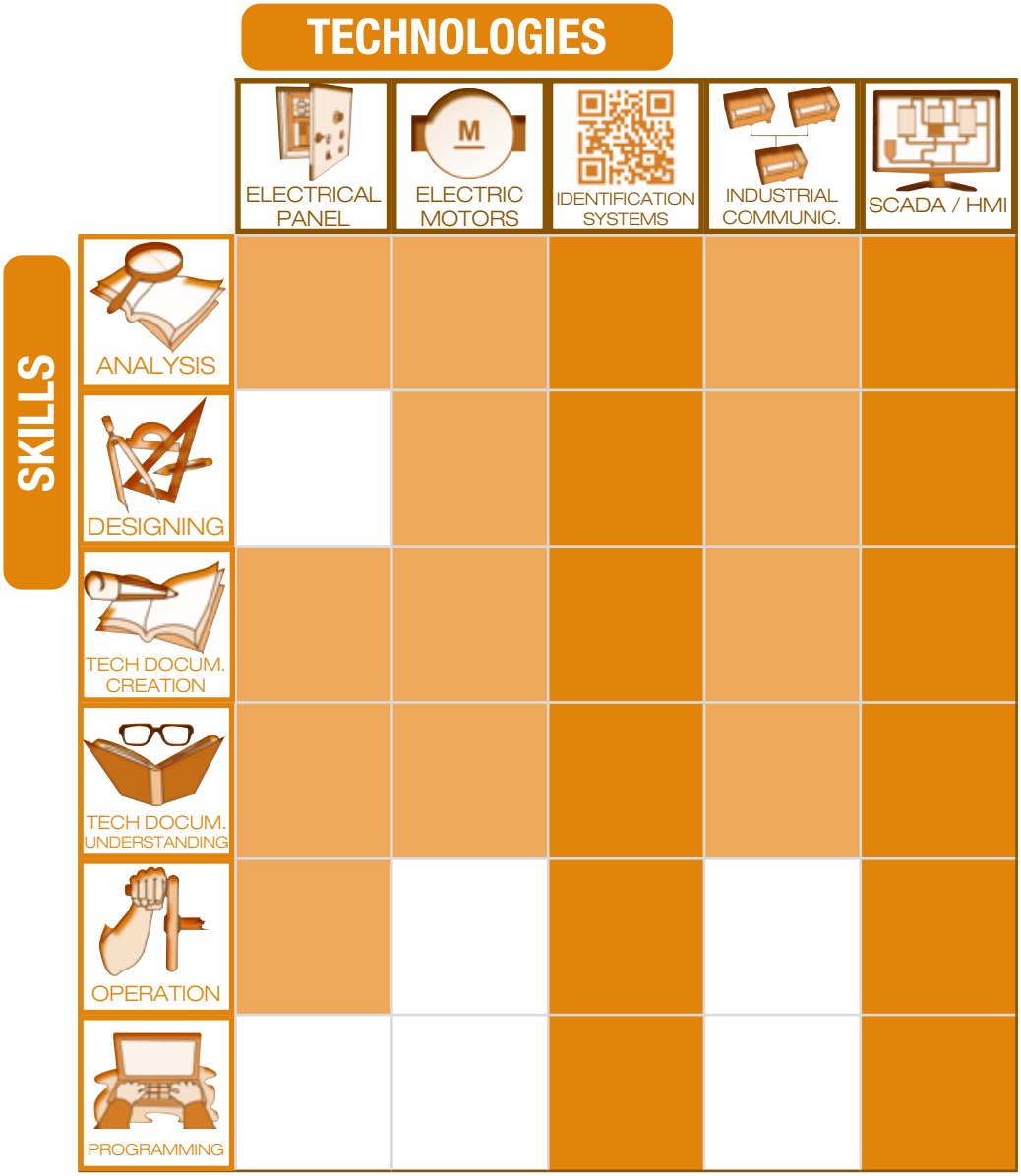
User manual

*Options: PLC Siemens, Omron, Allen Bradley, Schneider or without PLC.

SPECIFICATIONS
DOWNLOAD
www.smctraining.com
TECHNICAL DESCRIPTIONS

LOG-200 - With this system you could...

LOG-200 comes up with different practical activities targeting skills in the technologies featuring in the table (below).



This shows how the LOG-200 is suitable to develop skills in the specific technology.

This shows that LOG-200 can help develop skills in the specific technology even though there are other more appropriate products in the range.

@ eLEARNING-200

Find out more about the theory behind the technologies developed in LOG-200 with our eLEARNING-200 courses.

**See eLEARNING-200 chapter for more information*

RELATED eLEARNING-200 COURSES

- Introduction to industrial automation (SMC-100)
- Solid state (SMC-105)
- Sensors technology (SMC-108)
- Programmable controllers (SMC-109)

LOG-200 - Options

LOG-200 has a series of optional extras.

• Programming tools

The programming tools comprise the appropriate programming software and cables for the chosen PLC.

*See Programming Tools chapter

• Support legs

Makes the system self-standing without needing a worktop or bench.

• SAI2968 LOG-200 LEGS KIT

LOG-200 - Configuration

Getting the right LOG-200 specification is as easy as

• Steps to follow

1.- Choose the equipment dependant on the PLC.

2.- Add any optional extras.

PRODUCT DOWNLOAD www.smctraining.com CONFIGURATOR

LOG-200 - Technical features

LOG-200
770x590x450mm

Modules	Sensors (type & quantity)	Input / Output
Writing zone Reading zone Expedition	RFID (x2)	Digital 3/4
Other devices (quantity)	**Actuators (type & quantity)**	
RFID concentrator (x1) Web server (x1) Hub (x1) Circular tag (x5) Rectangular tag (x10)	DC motor (x1) Pneumatic linear (x3)	