SMC
INTERNATIONAL TRAINING

FMS-200 SPECIAL EDITION - Industry 4.0
Advanced mechatronics training system in Industry 4.0

EN ES FR DE

(EN) **FMS-200 special edition with more Industry 4.0 technologies**

Advanced mechatronics training system in Industry 4.0

(ES) **FMS-200 versión especial con más tecnologías de la Industria 4.0**

Sistema mecatrónico avanzado de aprendizaje en Industria 4.0

(FR) **FMS-200 version spéciale comptant plus de technologies de l'Industrie du Futur**

Système de mécatronique avancé d'apprentissage dans l'Industrie du Futur

(DE) **Sonderversion FMS-200 mit weiteren Technologien der Industrie 4.0**

Fortgeschrittenes Mechatronik-Schulungssystem in der Industrie 4.0
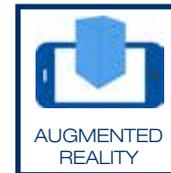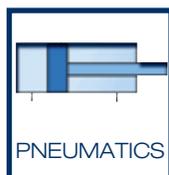
(EN) Increase your knowledge of industry 4.0 technologies and develop advanced skills in mechatronics utilizing a real industry-based platform.

(ES) Aumenta tus conocimientos sobre las tecnologías de la Industria 4.0 y desarrolla avanzadas capacidades en mecatrónica utilizando una plataforma basada en la industria real.

(FR) Augmentez vos connaissances sur les technologies de l'Industrie du Futur et développez des compétences poussées en mécatronique en utilisant une plateforme basée sur le monde industriel réel.

(DE) Erweitern Sie Ihr Wissen über die Technologien der Industrie 4.0 und erwerben Sie fortgeschrittene Kenntnisse in Mechatronik unter Verwendung einer auf tatsächlichen industriellen Einsatzbedingungen beruhenden Plattform.

In addition to these TECHNOLOGIES...

ELECTRICAL PANEL

PNEUMATICS

VACUUM

ELECTRIC MOTORS

SENSORS

MANIPULATORS

AUTOMATED SYSTEMS

HYDRAULICS

ETHERNET COMMUNIC.

INDUSTRIAL CONTROLLERS

AUGMENTED REALITY

IO-Link
SMART DEVICES

FMeS4.0 MANAGEMENT SYSTEM

SAFETY

ARTIFICIAL VISION

IDENTIFICATION SYSTEMS

RFID

INDUSTRY 4.0 TECHNOLOGIES

ELECTRIC ACTUATORS

COLLABORATIVE ROBOT
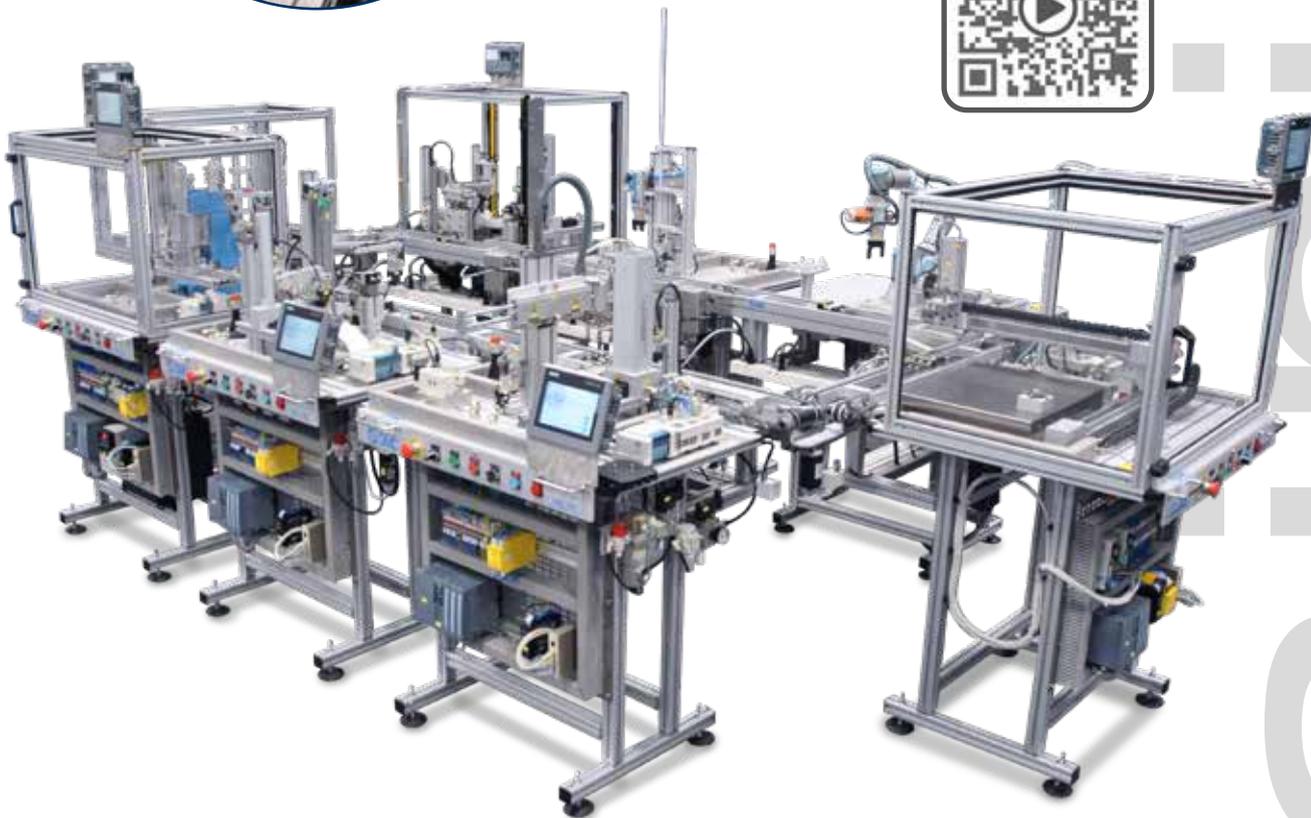
Energy efficiency
ENERGY EFFICIENCY
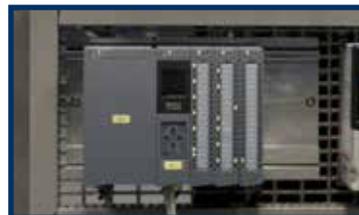
SCADA / HMI

DISTRIBUTED I/O

Integrate industrial collaborative or standard robotics

Troubleshooting simulation system

Open platform to develop your own projects

Different industrial controllers available

* The content of this document may change without prior notification

training

FMS-200 Special Edition - Industry 4.0: STATIONS

• **FMS-201 SE I4.0:** Body supply

FMS-201SE I4.0	Allen-Bradley	Siemens	Omron
	FMSS01-X*0-0401	FMSS01-X*0-0201	FMSS01-X*0-0601

AUGMENTED REALITY

ENERGY EFFICIENCY

IO-Link
SMART DEVICES

• **FMS-202 SE I4.0:** Bearing selection/supply

FMS-202 SE I4.0	Allen-Bradley	Siemens	Omron
	FMSS02-X*0-0401	FMSS02-X*0-0201	FMSS02-X*0-0601

AUGMENTED REALITY

• **FMS-203 SE I4.0:** Hydraulic press

FMS-203 SE I4.0	Allen-Bradley	Siemens	Omron
	FMSS03-X*0-0401	FMSS03-X*0-0201	FMSS03-X*0-0601

SAFETY
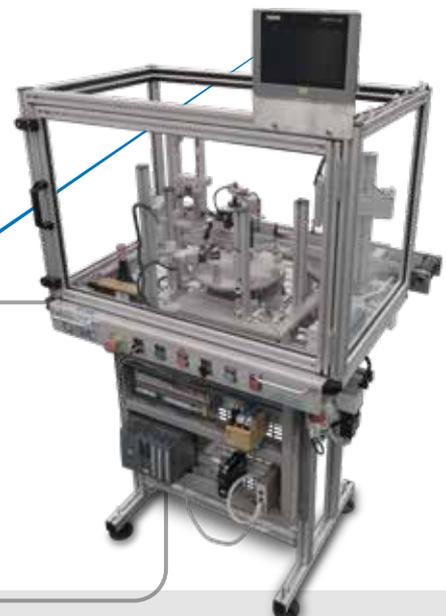
• **FMS-204 SE I4.0:** Shaft selection/ supply

FMS-204 SE I4.0	Allen-Bradley	Siemens	Omron
	FMSS04-X*0-0401	FMSS04-X*0-0201	FMSS04-X*0-0601

SAFETY

*Reference dependent on socket, voltage and/or language.
Further information: Product configurator or How To Order (web).*

• **FMS-205 SE I4.0:** Cover selection / supply

FMS-205SE I4.0	Allen-Bradley	Siemens	Omron
	FMSS05-X*0-0401	FMSS05-X*0-0201	FMSS05-X*0-0601

SAFETY

IO-Link

SMART DEVICES

• **FMS-206 SE I4.0:** Screws supply

FMS-206SE I4.0	Allen-Bradley	Siemens	Omron
	FMSS06-X*0-0401	FMSS06-X*0-0201	FMSS06-X*0-0601

IO-Link

SMART DEVICES

• **FMS-207 SE I4.0:** Robotized assembly, Screwing and disturbation

FMS-207 SE I4.0 - Collaborative Robot (UR3e)	Allen-Bradley	Siemens	Omron
	FMSS07-X*0-040101	FMSS07-X*0-020101	FMSS07-X*0-060101

* Please, consult for other robots

COLLABORATIVE ROBOT

ROBOTICS

• **FMS-208 SE I4.0:** Inspection, storage and dispatch

FMS-208SE I4.0	Allen-Bradley	Siemens	Omron
	FMSS08-X*0-0401	FMSS08-X*0-0201	FMSS08-X*0-0601

SAFETY

ELECTRIC ACTUATORS

ARTIFICIAL VISION

ALL THE STATIONS INCLUDE

ETHERNET COMMUNIC.

PNEUMATICS

ELECTRICAL PANEL

INDUSTRIAL CONTROLLERS

SCADA / HMI

RFID

IDENTIFICATION SYSTEMS

ELECTRIC MOTORS

DISTRIBUTED I/O

FMeS4.0 MANAGEMENT SYSTEM

Machine safety functions implemented

1000 mm / 40" modular transfer in each station
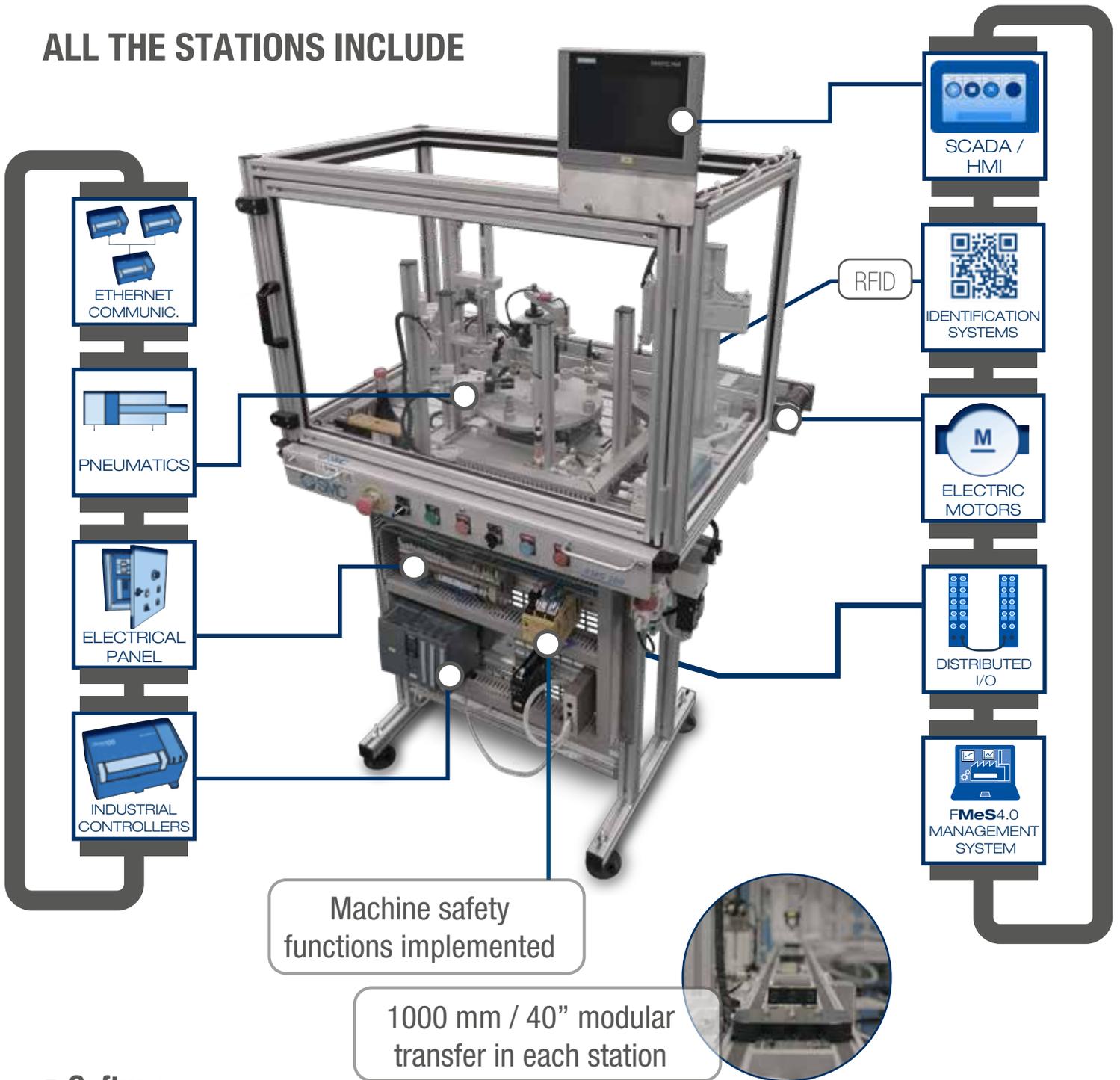
■ Software

FMSMES	FMeS - Management software

■ Options

Programming tools	Consult		
SCADA application	FMSSSC		
FMS-200 3D application for autoSIM-200*		ONE YEAR (electronic dispatch)	PERMANENTS (electronic dispatch)	PERMANENTS (physical dispatch)
	1 licence	S3D001-00-HAA	S3D001-00-HBA	S3D001-00-HBB
*autoSIM software required.	8 licences	S3D008-00-HAA	S3D008-00-HBA	S3D008-00-HBB
	16 licences	S3D016-00-HAA	S3D016-00-HBA	S3D016-00-HBB

*Reference dependent on socket, voltage and/or language. Further information: Product configurator or How To Order (web).

SAMPLE CONFIGURATIONS*

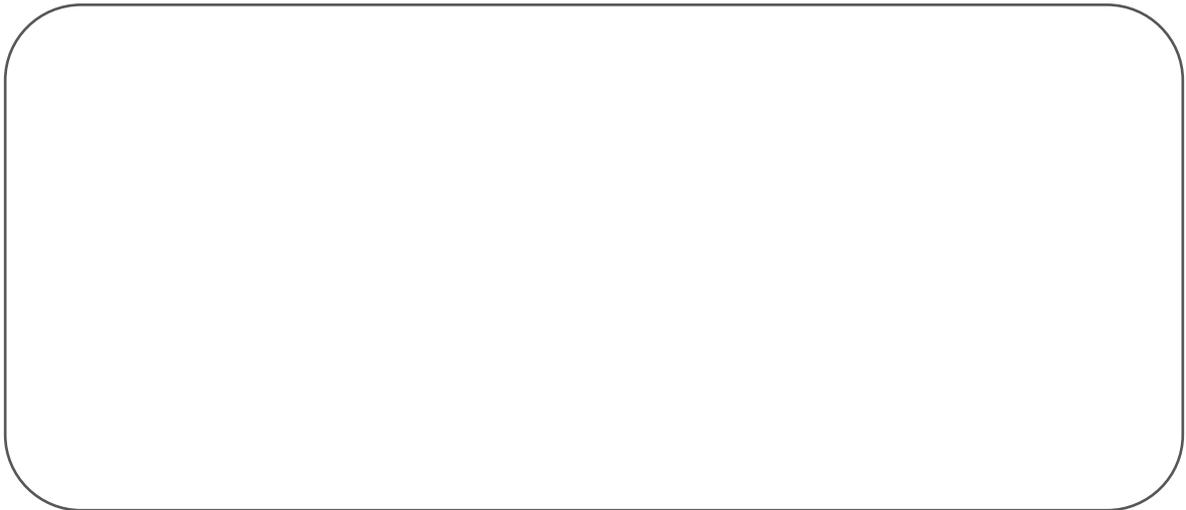* Please, consult for other configurations

8 process stations

6 process stations

4 process stations

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