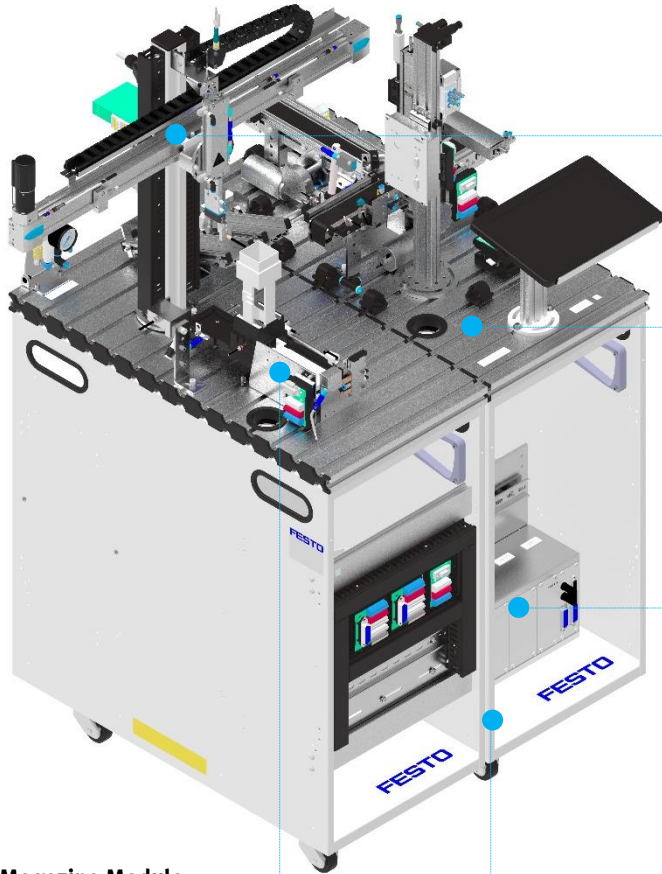


# Modular Production System

Official sporting equipment at Worldskills competitions



### Magazine Module

The Stacking magazine module separates workpieces or end caps. A double-acting cylinder pushes the workpiece at the bottom out of the gravity-feed magazine.

### PA Workpiece set

6 black, 6 red, 6 silver, 6 Clear Housings and 24 lids black.

Order No: **8032171**

Order No: **554301**

### MPS® trolley

750 x 350 x 700 mm  
With height adjust

Order No: **8033590**

### MPS® handling station (Unassembled)

The handling device picks up the workpieces with the aid of a pneumatic gripper. The gripper is equipped with an Opto sensor which can differentiate between "black" and "non-black" workpieces. The workpieces are placed on different slides based on these criteria.

Order No: **567256**

### MPS® Joining Station (Assembled)

The station checks the orientation of the workpiece and, if it is positioned correctly, affixes a cover/top part to it. A conveyor belt transports the workpieces to the depth measurement point. There, an analog diffuse sensor checks the position of the workpiece.

Order No: **8063910**

### EduTrainer® Universal preferred versions MPS®: A4 rack with Festo CECC-LK CODESYS® V3

The CECC controllers are the latest generation of compact controllers from Festo

### CDPX-X-A-W-7

Festo CDPX panels provide more functions at a higher resolution for man-machine interfaces.

Order No: **8043320**

Order No: **574411**

### EduTrainer® Universal preferred versions MPS®/MPS® PA: A4 rack with SIMATIC® S7-1500

The controller family SIMATIC S7-1500 is a new controller generation in the TIA portal

### IO-Link® master module with 4 ports

IO-Link® multi-protocol master module equipped with 4 communication channels on Quick-Fix®

### Trainer package SIMATIC Comfort Panel TP700

The TP700 Comfort Touch Panel is a 7" touch panel and comes from the Siemens HMI series for advanced applications

Order No: **8065452**

Order No: **8110729**

Order No: **8024273**

## ESSENTIAL ACCESSORIES



### MPS® A4 assembly board

Is used to mount the various terminals or other components that can be mounted on the H-rail.

### MPS® A4 mounting profile

Expands the MPS® trolley 700 x 350 to include a space in A4 format

### Digital I/O module

It is used to wire eight digital inputs and eight digital outputs which are connected to a socket.

Order No: **8035612**

Order No: **8033594**

Order No: **8025736**



### MPS® control console

With membrane keyboard: and flexibly assignable control lamps

### Light tower module

LED light tower with 3 signal lights red, yellow and green

### Ethernet Hub

With 5 RJ45 Ports

Order No: **195764**

Order No: **549843**

Order No: **8041755**



### Compressor

Silent, for use in classroom  
P<sub>max</sub>: 800 kPa (8 bar)

### HMI Holder

Permits the mounting of HMI screen, Size: 7 inch

### Simulation Box

Used to Display input signals and force outputs

Order No: **91030**

Order No: **11955302**

Order No: **526863**



### Cables

- 5-fold plug socket strip
- Power Cable
- Syslink data cable
- Crossover syslink data cable
- Safety Lab cable
- Ethernet cable, RJ45
- 15 pin D-Sub Cable –Open end

Order No: **380707**

Order No: **549860**

Order No: **34031**

Order No: **167106**

Order No: **571817**



Order No: **8062904**

Order No: **8033586**

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 <b>Solution with Festo PLC</b>			 <b>Solution with Siemens PLC</b>		
Item	Qty	Order No	Item	Qty	Order No
Handling Station	1	567256	Handling Station	1	567256
Joining Station	1	8063910	Joining Station	1	8063910
MPS® trolley	2	8033590	MPS® trolley	2	8033590
Magazine Module	1	8032171	Magazine Module	1	8032171
PA Workpiece set	1	554301	PA Workpiece set	1	554301
EduTrainer Universal CECC-LK PLC	2	8043320	EduTrainer Universal S7-1500 PLC	2	8065452
CDPX-X-A-W-7 HMI	1	574411	IO-Link Master	1	8110729
HMI Holder	1	1195302	IO-Link Master Cables	1	8112723
Control Console	2	195764	Comfort Panel TP700 HMI	1	8024273
MPS® A4 Assembly board	1	8035612	HMI Holder	1	1195302
MPS® A4 mounting profile	1	8033594	Control Console	2	195764
Ethernet Hub	1	8041755	MPS® A4 Assembly board	1	8035612
Digital I/O module	2	8025736	MPS® A4 mounting profile	1	8033594
Simulation Box	1	526863	Ethernet Hub	1	8041755
Air Compressor	1	91030	Digital I/O module	2	8025736
Light tower	1	549843	Simulation Box	1	526863
5-fold plug socket strip	1	380707	Air Compressor	1	91030
Power Cable	2	549860	Light tower	1	549843
Syslink Cable	4	34031	5-fold plug socket strip	1	380707
Crossover syslink cable	1	167106	Power Cable	2	549860
Lab cable	2	571817	Syslink Cable	4	34031
Ethernet cable	5	8062904	Crossover syslink cable	1	167106
15-pin Sub-D cable – Open end	1	8033586	Lab cable	2	571817
			Ethernet cable	5	8062904
			15-pin Sub-D cable – Open end	1	8033586
<b>12 Months Service Plan</b> Including Product training, Commissioning, Software updates, replacement of parts, System maintenance and Call outs	1	11000000	<b>12 Months Service Plan</b> Including Product training, Commissioning, Software updates, replacement of parts, System maintenance and Call outs	1	11000000
<b>Optional:</b>					
Monitor holder with attachment for MPS® station	1	8069039	Monitor holder with attachment for MPS® station	1	8069039
All-in-one Desktop PC (46999-05)	1	588441	All-in-one Desktop PC (46999-05)	1	588441
IOL Flow Sensor	1	8115026	IOL Flow Sensor	1	8115026
M8 Connector cable for flow sensor	1	541342	M8 Connector cable for flow sensor (Included in 8112723)	0	Included
Analogue cable, parallel	1	529141	Analogue cable, parallel	1	529141
Tool set	2	539767	Tool set	2	539767
eLearning – Full Package training Programs	1	8115429	eLearning – Full Package training Programs	1	8115429
Ciros Education	1	8038980	Ciros Education	1	8038980
Digital Multimeter	2	8040005	Digital Multimeter	2	8040005
Festo Seminar – Electro-Pneumatics	2	PN211	Festo Seminar – Electro-Pneumatics	2	PN211
Festo Seminar – Energy Saving Pneumatics	2	PN361	Festo Seminar – Energy Saving Pneumatics	2	PN361
Festo Seminar – Intro to PLC	2	PLC111	Festo Seminar – Intro to PLC	2	PLC111
Festo Seminar – PLC CoDeSys	2	PLC281	Festo Seminar – Mechatronics	2	AUT211
Festo Seminar – Mechatronics	2	AUT211			