FIM –
Flexible Individual Mounting

Manufacturing and mounting in new efficiency

FIM
Variant
Primus Basic

A flexibly height-adjustable workstation-
the basis for healthy working

FIM
Variant
Primus One®

2012

ELABO continues to drive the revolution in workstation systems.

Primus One® is a true masterpiece!

1988

With its new InForm range, ELABO starts a revolution in equipping technical workstations. Power supply as well as measuring and testing devices are arranged at eye level.
The program line also features patented connection technology.

2005

ELABO creates a sensation with its fully re-developed C# software bundle. For the first time, it is possible to perfectly coordinate object-oriented software modules.

1972

The company is founded.

2015

With its "Smart Industry" theme and the ELABO information management, ELABO develops into one of the leading companies in the area of Industry 4.0.
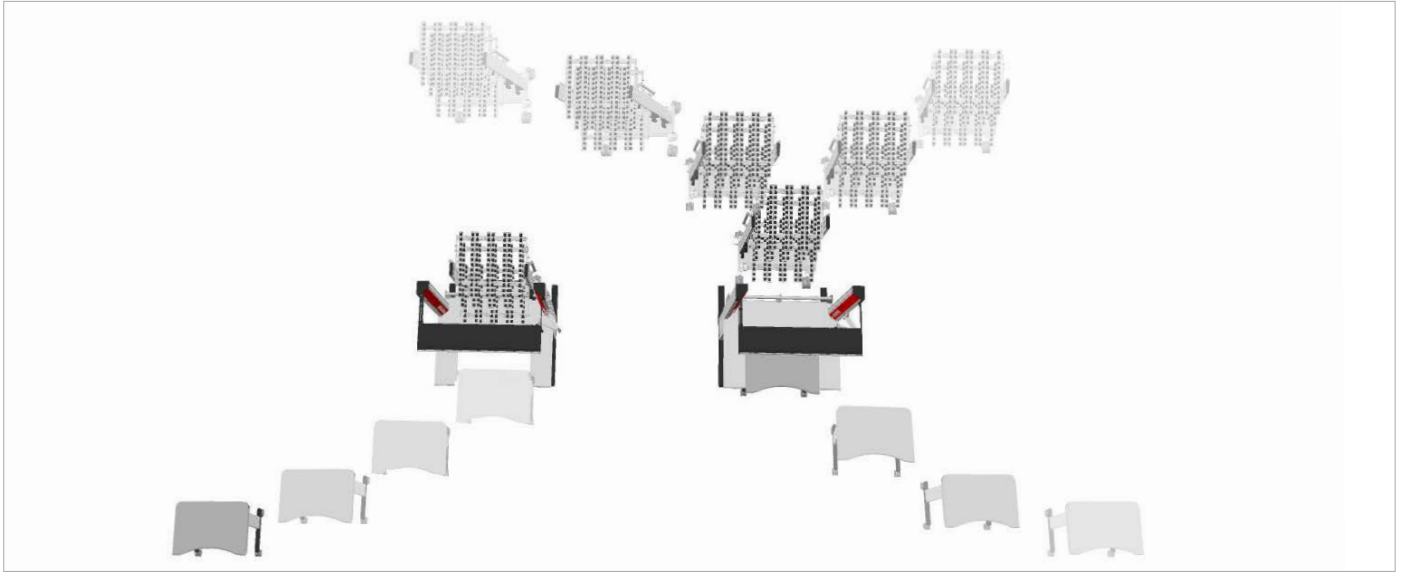
2003

Modular assembly workstation designs for TaMas product line

2010

Elution® introduces fully integrated testing and electronic measuring equipment into the world of ELABO's software.

2017

From showcase to live production: Introduction of digitised workstations at our own plant.

Work has never been so attractive

Mounting becomes the stage with versatile ELABO systems.

The innovate solution by ELABO makes error-free work a reality. Thanks to our FIM solution, your production will become faster and more agile.

The system helps you to increase productivity in your company and promote agility.
In addition, you can enhance your work and product quality.

FIM offers improvement potential in process and product quality as well as ergonomics and includes time and cost savings along with quality benefits.

The system impresses with the following features:

· Base bench with motorised height adjustment

· 100% ergonomics at the workstation

· Mobile working bench

· Trolleys for material provisioning in various models

· Simple and flexible docking to the base bench on both sides

· All attachment parts are continuously height-adjustable

· Smart LED lighting with segmentive light control for perfect illumination of the workstation

· LED lighting, dimmable, and with control of the light colour

· Profile columns can be equipped with sockets, Emergency Stop or compressed air

· Bench height and lighting with flexible control via ELABO software

· Integrated cable management

· ESD-certified bench system for maximum safety

· Optionally with ESD monitor for monitoring ESD capability

Also available as an ESD version.

The FIM system principle

FIM function shelf
Page 8

Primus LED Light Panel
Page 9

Primus One® profile
See catalogue

Perforated steel plate
See catalogue

Function shelf
See catalogue

FIM docking fitting
Page 7

Primus One® insert panels
See catalogue

Provisioning trolley
Page 8

FIM base unit
Page 6

FIM attachment bench
Page 7

FIM roller track intake
page 8

Also available as an ESD version.

The FIM basic parts
Base unit

Technical features

• 30 mm table top with continuous 3 mm border + cable duct

• Lifting columns with internal spindle drive, synchronous control and motorised height adjustment

• Anti-collision lifting unit with a travel speed of approx. 9 mm / s

• Table top with welded 40 mm x 40 mm high-quality square steel tubing

• Surface load of 200 kg

• Optionally also available as an ESD version

FIM base unit

Item no.	Item no. ESD	Width x Depth	Height
C5-1E	C5-1E.ESD	1200 x 350 mm	700–1150 mm
C5-1D	C5-1D.ESD	1500 x 350 mm	700–1150 mm
C5-1C	C5-1C.ESD	1600 x 350 mm	700–1150 mm
C5-1B	C5-1B.ESD	1800 x 350 mm	700–1150 mm
C5-1A	C5-1A.ESD	2000 x 350 mm	700–1150 mm

Accessories

• Primus One® profile in different heights (catalogue page 60)

• Primus Basic profile in different heights (catalogue pages 97–127)

• Function shelves (catalogue page 37)

Also available as an ESD version.

The FIM basic parts
Attachment bench

FIM docking fitting

Technical features

• Mobile assembly bench for convenient transport or workpiece carriers

• Enables easy docking to the FIM basic unit

• Custom models are possible, e.g., ball castor bench

• Surface load of 200 kg

• FIM attachment bench with 4 twin swivel castors, 2 with locking brake

• Optionally also available as an ESD version

FIM attachment bench

Item no.	Item no. ESD	Width x Depth	Height
C5-2E	C5-2E.ESD	1200 x 550 mm	750 mm
C5-2D	C5-2D.ESD	1500 x 550 mm	750 mm
C5-2C	C5-2C.ESD	1600 x 550 mm	750 mm
C5-2B	C5-2B.ESD	1800 x 550 mm	750 mm
C5-2A	C5-2A.ESD	2000 x 550 mm	750 mm

FIM docking fitting

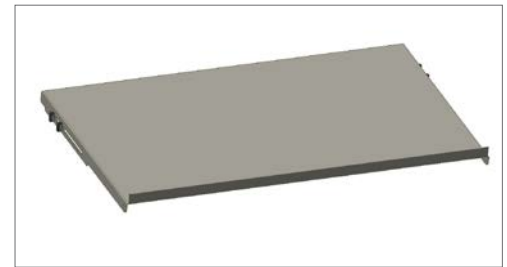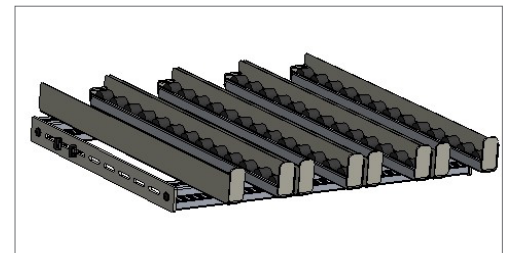| Item no.	
C5-9A	For material provisioning trolley

Also available as an ESD version.

The FIM basic parts
Material provisioning trolley

FIM function shelf

FIM roller track intake

Technical features

Customisable material trolley. Can be equipped with:

• Function shelves, continuously height-adjustable and tiltable

• Roller tracks for material provisioning

• Intake device for container boxes

• Many further equipping options

FIM trolley

Item no.	Item no. ESD	Width (outer) x Depth	Width (inner)	Height
C5-3E	C5-3E.ESD	795 x 580 mm	704 mm	1450 mm
C5-3D	C5-3D.ESD	1119 x 580 mm	1028 mm	1450 mm

FIM function shelf for trolley

Item no.	Width x Depth	Height
C5-9F	703 x 600 mm	40 mm
C5-9G	1028 x 600 mm	40 mm

FIM basic carrier for roller tracks

Item no.	Width x Depth	Description
C5-9R	703 x 660 mm	Intake with 1 pair of roller track
C5-9S	1027 x 660 mm	Intake with 1 pair of roller track

FIM roller track

Item no.	Length x Width	Description
C5-9X	650 x 29 mm	1 pair

Also available as an ESD version.

The FIM basic parts
Primus LED Light Panel

Technical features

• Overhead lamp made of high-quality anodised aluminium

• System profile with cover and extension arms made of steel sheet, powder-coated

• LAN interface for remote control

• Manual operation or controlled by ELABO Elution® software

• Individually adjustable light segments for perfect illumination

• RFID card reader for customisable workstation illumination

• The number of light segments depends on the panel width

• Continuous light colour adjustment from warm-white (3000 K) to cold-white (5000 K)

• Colour reproduction index (CRI) = 95

Primus LED Light Panel

Width x Depth	Segments	Item no.	Lumen
1200 x 520 mm	2	K4-1M.1200	3920 lm
1500 x 520 mm	3	K4-1M.1500	5880 lm
1600 x 520 mm	3	K4-1M.1600	5880 lm
1800 x 520 mm	4	K4-1M.1800	7840 lm
2000 x 520 mm	4	K4-1M.2000	7840 lm

Touch panel for LED Light Panel

Item no.	Description	Function	Height
K5-7B10DE.240.3020 / 5005 / 7021	Touch panel	ON/OFF, continuous dimming 0–100% Light colour continuously adjustable	240 mm

Also available as an ESD version.

FIM accessory

Height profile

System profile panels

ESD monitor

Height profile

Item no.	Description	Height
R5-1P.1470	Primus Basic height profile	1470 mm
K5-1P.1470	Primus One® height profile	1470 mm

System profile panels

Item no.	Description	Height
K5-1C01DE.480.3020 / 5005 / 7021	Switch-on field 1~, type A B16A	480 mm
K5-1A12DE.480.3020 / 5005 / 7021	Switch-on field 1~, 3 shockproof	480 mm
K5-2A00DE.480.3020 / 5005 / 7021	5 shockproof sockets	480 mm
K5-2A00DE.240.3020 / 5005 / 7021	2 shockproof sockets	240 mm
K5-2B00DE.480.3020 / 5005 / 7021	4 shockproof sockets, 1 Emergency Stop	480 mm
K5-8A01DE.240.3020 / 5005 / 7021	Compressed air 1 NW 5 1/8	240 mm
K5-0L0000.480.3020 / 5005 / 7021	Blank panel	480 mm
K5-0L0000.240.3020 / 5005 / 7021	Blank panel	240 mm
K5-1E00DE.480.3020 / 5005 / 7021	ESD monitor	480 mm

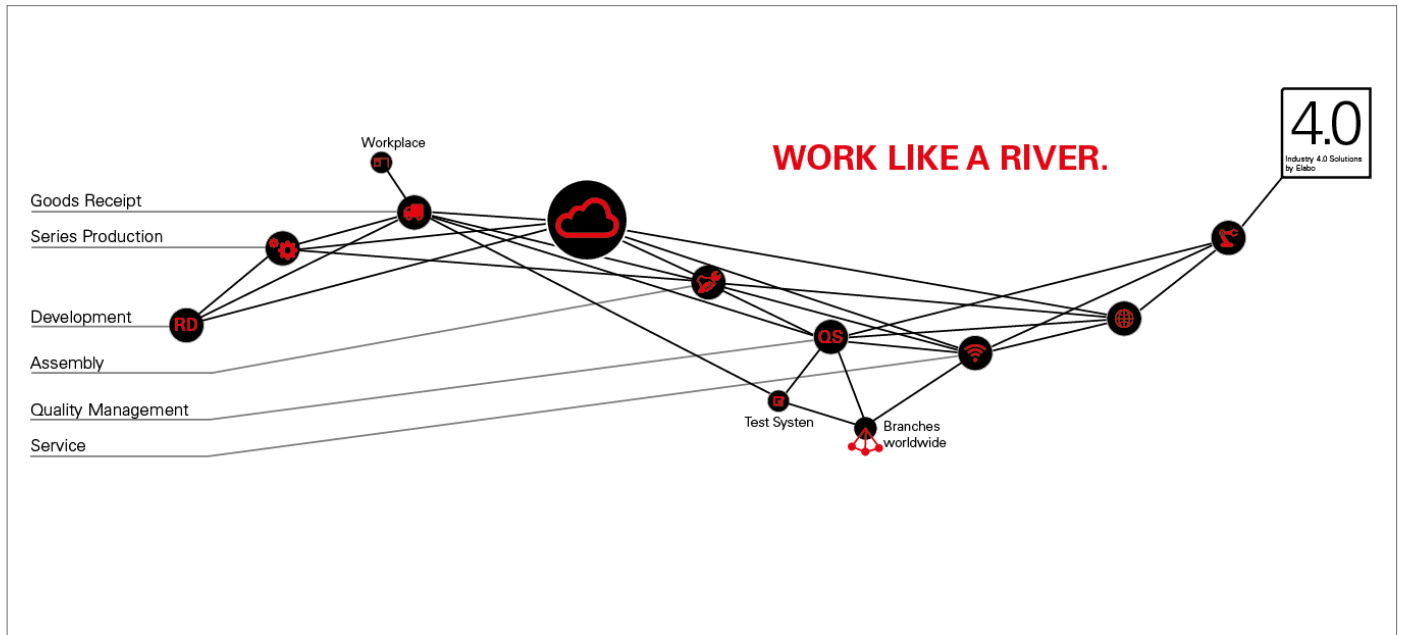*Available in the colours RAL3020 traffic red / RAL5005 signal blue / RAL7020 black grey

Accessories

Item no.	Description
K9-0E	Energy chain
K9-0M.EC-001	Pushbutton 4x memory
81-2X Z01	Socket set for cable duct
78-4S	Swivel arm for height profile
78-3M.K	Primus One® swivel arm

(Catalogue extract)

Also available as an ESD version.

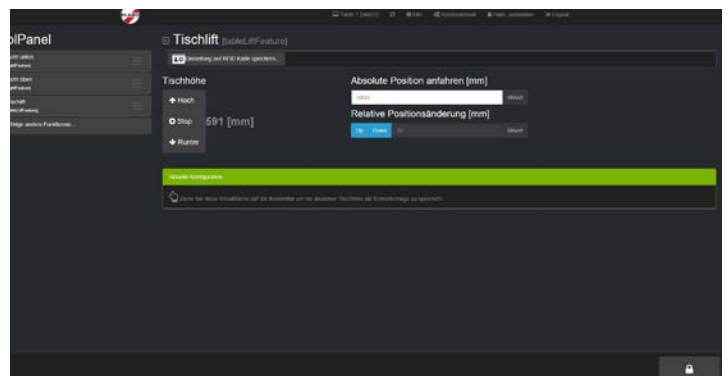# The extension for your
mounting workstation Industry 4.0

Elution® software family

Elution®

ELABO's in-house Elution® software enables you to create wellbeing zones for your employees with customisable light and height settings. Every employee can configure their own optimum workstation settings.
Our various software bundles will help you optimise your enterprise.

E-Web

• Light control at the workstation

• Access control by RFID card

• Switches tables on/off

• Height adjustment

E-EIM

• Device operation

• User configuration

• Visual inspection

• Variant management

• Worker guidance

• Pick by vision

• Pick by light

Working environments for inventive people.

ELABO