EWS

Electronic Work Station

Electronic. Ergonomic.

More than a flatbed applicator

PAPYRUS

Features

Digital **A**djustable **C**lick **T**orque Technology

Our patented DACT Technology is a truly technical paradigm shift for flatbed applicators. The disadvantages with traditional analog technology based on an Air Compressor controlled Roller is now passed into history and replaced with our modern Digital Technology - DACT.

The DACT Technology is based on an electronically controlled pressurized roller. This ensures the roller will be exactly parallel towards the table surface.

Due to the DACT Technology, the lamination process does not need to be done in the exact middle of the table.

No damages on pressure sensitive materials in corners or ends of the material. Supporting posts are not needed during lamination.

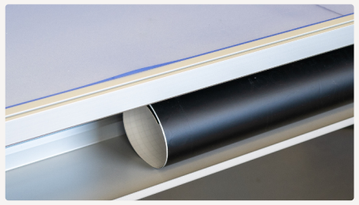
Easy to handle

The DACT Technology also makes the EWS Workstation very easy to handle:

- Six levels of roller pressure available to get optimized pressure for any type of lamination.
- Appropriate pre-programmed pressures for certain materials, easily set with quick commands.
- Work anywhere on the table. No more stretching towards the middle.

LED-illumination

LED backlighted surface with variable brightness makes it easy to use crop marks.



Storage shelves & cutting grooves

Removable and adjustable shelfs underneath the table for storage of material and tools. Recessed grooves for cutting knife on both sides of the table surface.

Motordrive

Operate the Glidebeam and the roller with a remote control at a constant speed to avoid an uneven longitudinal lamination. The Motor drive has four different speeds.

Tilt function & foldable glidebeam

Table tilt up to 25 degrees to get a comfortable working position for anybody regardless of ergonomic preferences.
Tilt is standard on X4 models and option for X2 models. Foldable glidebeam for maximized working surface.

Heat roller 30-60° (86-140°F)

Reducing silvering in the lamination process. Designed to give an even temperature along the complete working area of the table during the lamination process.

Built-in wheels

Easy to move the EWS Workstation with built-in wheels.

Our models

- Ergonomic workstation
- Mounting media to substrates
- Pre-masking
- Lamination
- Illuminated workstation
- Heat assisted applications
- Controlled speed applications

5
YEARS WARRANTY
Made in Sweden

DACT TECHNOLOGY

Model update: 2024 edition

EWS X2 ESSENTIAL

Model update: 2024 edition

EWS X2 ADVANCE

EWS X4 ESSENTIAL

EWS X4 ADVANCE

New model serie

EWS X4 PERFORMANCE

EWS X4 PERFORMANCE HEAT

Features

	Essential (X2)	Advance (X2)	Essential (X4)	Advance (X4)	Performance (X4 only)	Performance HEAT° (X4 only)
HEATROLLER 30-60°C (86-140°F)						✓
4-SPEED MOTOR DRIVE					✓	✓
ERGONOMIC TILT 0-25°	✓	✓	✓	✓	✓	✓
LED-ILLUMINATION		✓		✓	✓	✓
PNEUMATIC GLIDE BEAM						
DACT-ELECTRONIC GLIDE BEAM (6 PRE-SETTINGS)	✓	✓	✓	✓	✓	✓
SELF HEALING CUTTING MAT	✓	✓	✓	✓	✓	✓
ELECTRONIC HEIGHT ADJUSTABLE LEGS 800 - 1100MM - 2FT. 7.5IN. - 3FT. 7IN.	✓	✓	✓	✓	✓	✓
CUTTING GROOVES	✓	✓	✓	✓	✓	✓
MEDIA ROLL HOLDER AT BED END	✓	✓	✓	✓	✓	✓
MEDIA ROLL HOLDER FOR GLIDE BEAM	✓	✓	✓	✓	✓	✓
MEDIA / MATERIAL SHELVES	✓	✓	✓	✓	✓	✓
DISPATCHABLE WHEELS	✓ Manually	✓ Manually	✓ Semi-automatic	✓ Semi-automatic	✓ Semi-automatic	✓ Semi-automatic

General info

	305 (X2 & X4)	**380** (X2 & X4)	**528** (X4)
WORKSTATION LENGTH	3061 mm / 10ft 1in	3804 mm / 12ft 6in	5291 mm / 17ft 4in
WORKSTATION WIDTH	1750 mm / 5ft 9in	1750 mm / 5ft 9in	1750 mm / 5ft 9in
MAX WORKING LENGTH	2589 mm / 8ft 6in	3332 mm / 10ft 11in	4819 mm / 15ft 9in
MAX WORKING WIDTH	1635 mm / 5ft 4in	1635 mm / 5ft 4in	1635 mm / 5ft 4in
TOTAL WIDTH GLIDEBEAM	2002 mm / 6ft 7in	2002 mm / 6ft 7in	2002 mm / 6ft 7in
HEIGHT FROM TABLE SURFACE TO TOP GLIDEBEAM HANDLE	289 mm / 11in	289 mm / 11in	289 mm / 11in
MAX THICKNESS MATERIAL	100 mm / 4in	100 mm / 4in	100 mm / 4in
WORK HEIGHT	800-1100 mm 2ft 7,5in - 3ft 7in	800-1100 mm 2ft 7,5in - 3ft 7in	800-1100 mm 2ft 7,5in - 3ft 7in
POWER REQUIREMENT	230V/50Hz (10A) 120V/60Hz (15A)	230V/50Hz (10A) 120V/60Hz (15A)	230V/50Hz (10A) 120V/60Hz (15A)
TABLE TOP	Glass & cutting mat	Glass & cutting mat	Glass & cutting mat

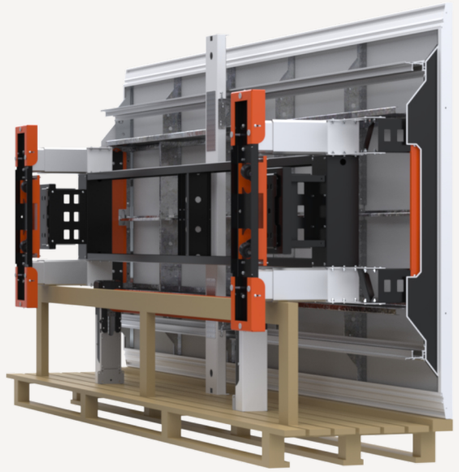
Installation & user manual

Easy to transport and install

All EWS-models are preassembled from the factory and packed vertically so that they can be transported easily, e.g. through narrow passages (doors etc.).

Packing dimensions

MODEL:	LENGTH:	WIDTH:	HEIGHT:	WEIGHT:
EWS 305	3150 mm 10ft 4in	860 mm 3ft	1950 mm 6ft 5in	420 kg 925 lbs
EWS 380	3850 mm 12ft 7,5in	860 mm 3ft	1950 mm 6ft 5in	520 kg 1146 lbs
EWS 528	5480 mm 17ft 11,7in	860 mm 3ft	1950 mm 6ft 5in	660 kg 1455 lbs



Installation manual

Illustrated installation manual for easy installation.

User manual

Illustrated user manual for easy handling.

About us

Designed & Made in Sweden

Patrik Johansson and Alexander Johansson are the passionate construction team behind the pioneering **EWS - Electronic Work Station**.

Patrik is one of the worlds most experienced constructors of flatbed laminators and workstations for lamination. With more than **30 years of experience** Patrik is also the brain behind former laminators which are still on the market. The conclusion was that previously used **compressor technology had to be replaced**.

The result is the **EWS - Electronic Work Station**.

”My main goal with the EWS was to design the most user-friendly workstation on the market. Therefore, we had to use the most reliable and modern technology in order to eliminate all the experienced problems within the laminating process.”

”We found the latest as well as the most proven and reliable technology: the one used in 3D-printing machinery. This technology gives **a precise and even control of the pressurized roller** on the **EWS** workstation.

Going into electronics also give us opportunities for future upgrades of coming new innovative solutions for the **EWS** workstation. Production optimization in order to reduce manufacturing cost was also very important.

Had I known what an enormous amount of work it would take to construct the **EWS**, I would probably have hesitated to start in the first place, but Alexander pushed me forward and forced me to think in a new direction so I’m glad I didn’t. We made it! **The EWS is here!!**”

PAPYRUS

Smarter ways for better days

viscom.be@papyrus.com
viscom.nl@papyrus.com

www.papyrus-viscom.com

www.moditech-ab.se