

with new White-Light-Sensor to optimize cropmark-recognition



DATAPLOT continues to develop its range of EMBLEM cutters with the introduction of two new cutters in operating widths of 60 and 120 cms. These cutters are a re-design of the well established EC-60 and EC-120 and now incorporate modern, new style OPOS sensors working with white light. Now the EC-X cutters can recognise cropmarks which the previous EC-series and, as customers using competitor machines tell us, also some other cutters were unable to do. These products are known for their high speed and high quality cutting. They are easy to use while powerful with a number of functions in line with the market requirements of reasonable price as customers have come to expect from EMBLEM cutters. The recognised and precise driving mechanism guarantees a repeated tracking accuracy of up to 8 metres. This is less than 1/10 mm material offset up to this length.

The cutting quality is improved further using flanges inside the cores of vinyls. Guided flanges in slot and key will move the vinyl without any obstruction or strain. The ability to recognise the printed cropmarks on self-adhesive (and laminated) vinyls is achieved perfectly with the use of the new OPOS-tool. The EMBLEM EC-X-cutter comes complete with a CD with pdf based user manuals for cutter plotter, EC-control-software and windows-plot-software, which may be used as a Plug-In for Corel 10 to X3 or Illustrator CS, CS2 and CS3.

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EC-X-Serie

SPECIFICATIONS

EMBLEM EC-60X

EMBLEM EC-120X

CUTTING AREA	630mm x 50 m	1230 mm x 50 m	
TRACKING ACCURACY	inside +/- 0,1mm for plots up to 8 m length at a with up to 760 mm inside +/- 0,1mm for plots up to 4 m length at a with more then 760 mm		
SPEED	up to 1131 mm/sec, diagonal		
ACCELERATION	up to 3 g, diagonal		
KNIFE PRESSURE	0-400 gr. adjustable in 5 g steps		
RESOLUTION	0,025 mm oder 0,1 mm		
ADRESSABLE	0,001 in. or 0,004 inch		
CUTTING TOOLS	<ul style="list-style-type: none">• 36° Standard knife for normal and reflecting Vinyls• 60° knife for sandblast film, flock- and flex material (optional)• fibre pen and engraving tool (optional)		
MEDIA WITH	70 - 670 mm	70 - 1270 mm	
MEDIA LENGTH	50 m max		
MEDIA THICKNESS	<ul style="list-style-type: none">• up to 0,25 mm use 36°-Messer• up to 0,8 mm use 60°-Messer		
MEMORY	16 MB		
CONNECTIONS	USB 1.1 and seriell interface RS-232C		
PLOTTER LANGUAGE	DM/PL, HP-GL, HP-GL2		
POWER SUPPLY	100-240 V, 48-62 Hz, 85 W max		
WORK ENVIRONMENT	15 - 35°C, relative humidity max 80% not condensing		
DIMENSIONS	(H x B x D)	300 x 1000 x 350 mm	1047 x 1589 x 682 mm (with stand)
WEIGHT	15,5 kg	40 kg (with stand)	
WHAT'S IN THE BOX	cutter, knife holder with one standard knife (36°), one set of two flanges, stand with textile media-basket (option for EC60X), power cord, white-light-OPOS -sensor, USB- kabel, owners manual pdf-file, software CD with EC-CONTROL und Windows-Plot-Software Tto install Plug-In for CorelDraw 10 bis X3 and Illustrator CS, CS2 und CS3		
OPTIONAL	CUTTER HOLDER for knife 60°, cutting knife 60°		