



EBS-6500 SERIES

Low-Medium Volume Industrial Continuous Ink Jet Printers

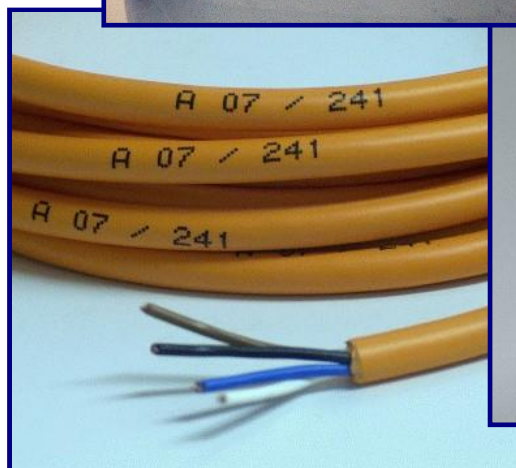
reliable – compact – affordable

Martek Industries EBS-6500 series ink jet printers offer proven performance and reliability with low maintenance for low and medium volume applications.

plastic – metal – glass – foil – paper – card – film...

Fast-dry inks enable printing on porous and non-porous surfaces with print heights ranging from 1.5 to 12mm.

- 2 lines as standard (3 & 4 line upgrade option)
- Automatic self-cleaning for optimum reliability
- 5.7" LCD touch-screen with full size QWERTY membrane keyboard
- Positive pressure in printhead
- Compact stainless steel enclosure
- Low -cost, 4000 hour maintenance *iModule*
- Low solvent consumption
- Text, graphics, barcodes & Datamatrix
- Simple fluid change on-the-fly
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➤ Low maintenance

Ink and solvent cartridges are quickly and easily changed with the peace-of mind that it is not possible to swap the cartridges over or install the wrong fluids.

The convenient *iModule* core is easily and inexpensively changed every 4,000 operating hours providing a quick and convenient way to change the printer's filters and wear parts at minimal cost.

Replacement *iModule* cores can be specified with 4000, 6000 or 8000 hour capacity.

➤ Robust

High grade stainless steel construction ensures EBS-6500 printers can be used with confidence even in the harshest of industrial environments.

The compact design allows installation in confined spaces.



➤ User-friendly interface

The combination of a 5.7" touch screen controller and full-size QWERTY membrane keyboard provides the best of both worlds – simplicity and quick data input.

SPECIFICATIONS

Print characteristics

Lines of print:	2 lines as standard – upgradeable to 3 or 4 lines
Nozzle size:	60 micron
Character sizes:	1.5 to 12mm
Bar codes:	Included as standard - all common 1D and Datamatrix ECC-200
Graphics:	Standard up to 16 pixels high x any length (optional 25 pixel high)
Printhead to substrate (throw):	Up to 30mm
Print direction:	Any – 360° omnidirectional
Print speed:	Up to 441m/min (5x5 dot) or 315m/min (7x4 dot)

Consumables

Ink container:	900ml disposable ink and solvent bottles
Consumable replacement:	On the fly without waste – no need to stop system
Ink consumption:	70 million 7x5 dot characters / litre
Solvent consumption:	Up to 200 hours / litre

Controller

Message storage:	100 messages
User interface:	5.7" LCD touchscreen & membrane keyboard
Interfaces:	RS232 & USB

Physical characteristics

Controller dimensions (W x L x H):	300 x 211 x 458mm
Printhead dimensions:	40mm diameter
Umbilical length:	3m – high flex construction
Weight:	12.5Kg excluding consumables
Electrical supply:	87-240Vac @ 40-440Hz, max. 29W
Humidity:	Up to 90% non-condensing
Operating temperature:	+5 to +40°C

Options

EdGraf PC-based image designer, encoder, floorstand

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