

murrplastik



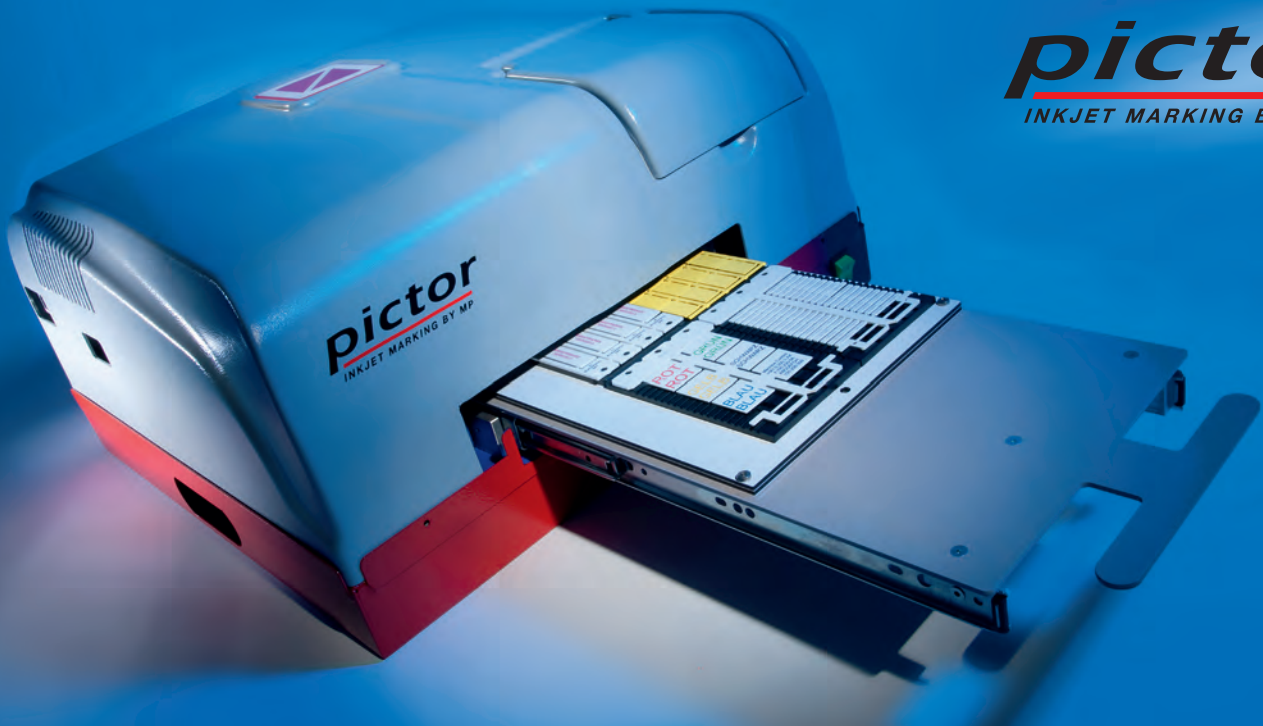
pictor
INKJET MARKING BY MP

***pictor* Ink Jet Labelling Printer**

Photorealistic quality, high printing speed



Ink jet printer – colour, speed & quality



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The *pictor*. The new ink jet labelling printer for industrial applications.

Photorealistic quality, high-speed printing, durable labelling, simple integration into production – the new ink jet labelling printer *pictor* from Murrplastik demonstrates the performance that contemporary colour-based ink jet printing systems are capable of.

Durable labelling – perfect for tough day-to-day industrial use.

For the new *pictor*, the engineers at Murrplastik have developed a special solvent ink. What's special: Unlike the typical ink jet inks that we find in general office use, the dye-based inks used by the *pictor* can penetrate the surface tension of the polycarbonate carrier material. Accordingly, the ink jet droplets do not dry on the material but in the material. The practical benefits are clear: the lettering becomes considerably more durable. Which makes this kind of ink jet labelling also suitable for the harsher industrial environment. A UV protective coating can be applied for applications that also need UV protection.

Speed is the name of the game.

With the *pictor*, many companies can now produce their entire daily supply of ID plates within just 15 minutes. This relieves personnel of unnecessary work.

Operating the *pictor* couldn't be easier: four labelling mats are attached to a base plate and simultaneously printed within 60 seconds. Different ID plates can also be "mixed" and placed together on a single carrier plate. Compared in terms of time, a plotter would required approx. 30-45 minutes to produce the same quantity. Which means the *pictor* is – compared to the plotter – faster by a factor of 10 to 15. The base plate's maximum print area is equivalent to the A4 format.

Hot-swap caddies for the base plates are also optionally available for the *pictor*. These make it possible for the next plate to be populated at the same time the *pictor* is still printing a base plate. Compared to conventional population, this enables considerable time savings to be made.

Colour up your workplace with the *pictor*.

The *pictor* takes industrial labelling into the next dimension: Colour-coding, different character sets, special types of lettering, fine levels of shading detail and even bitmapped logos can be presented in high definition with the *pictor*. Terminals can now be labelled not merely as “5 volts” or “12 volts”, but can in addition be given a range of colour codes, to provide warning information. This offers an additional level of safety for cabling work in the switch cabinet. Technical basis: The colour technology used by the *pictor* is based on a 7-colour system: 190 nozzles per colour ensure an excellent print resolution of 720 dpi.

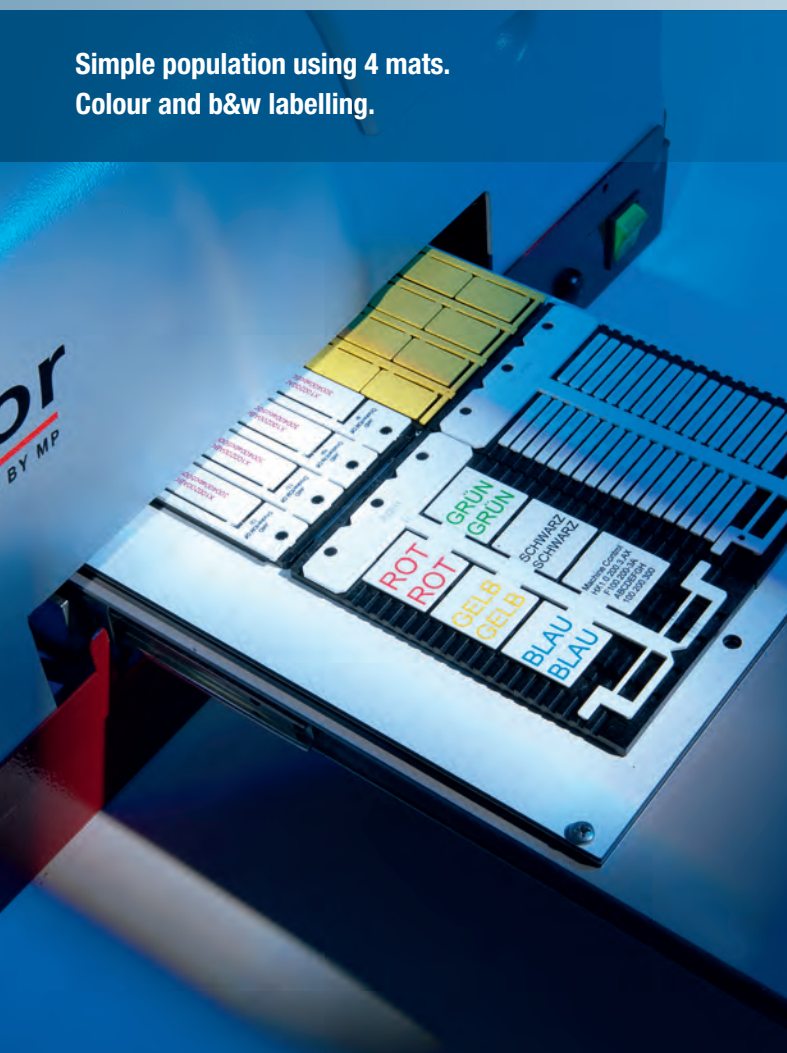
Economical as standard.

With the *pictor*, companies do not need to provide an “ink jet filling station”. At a font size of 24 (in the ACS software), each cartridge has an average “range” of around 200,000 characters. More than enough to print, print and print again! Also important: unlike UV-LED printers, empty ink cartridges are not classified as “special waste” for disposal.

Designed for the US market.

Important for companies that supply the North American market with systems or parts of system inclusive of labelling: the *pictor* meets the ANSI standard from the American National Standards Institute and is therefore able to satisfy the standards as specified for the US market. One of these is the need for coloured ID plates.

Simple population using 4 mats.
Colour and b&w labelling.



Technical data:

Power supply:	100–240 V AC universal
Print area:	approx. A4 ALU base plates (2x2)
Printing speed:	30 sec. for 2 base plates 60 sec. for 4 base plates (incl. job processing)
Interface:	USB
Colours:	7 colours / 7 cartridges + 1 gloss (empty) (cartridges are chip-coded. All cartridges must be installed, including empty ones)
Print volume:	Approx. 200,000 chars per cartridge (if font size set to 24 in ACS software)
Print Resolution:	720 dpi
Nozzles per colour:	190
Min. drop size:	1 pl (picolitre)
Ink:	Special solvent ink (eco solvent).
Dimensions:	approx. 53 x 53 x 26 cm
Weight:	Approx. 30 kg



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