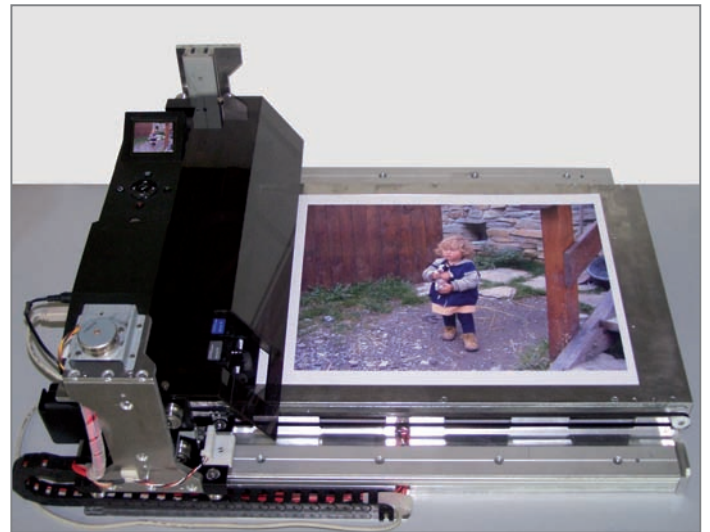


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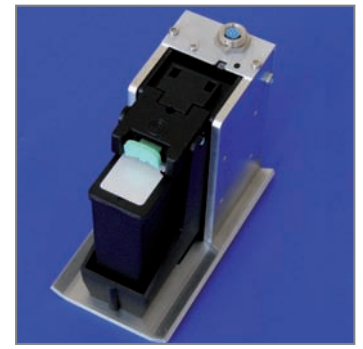
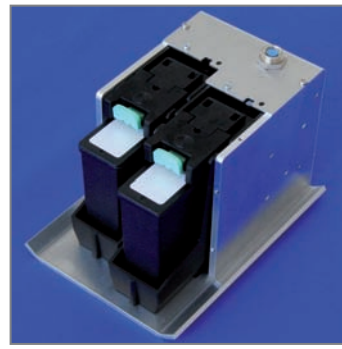
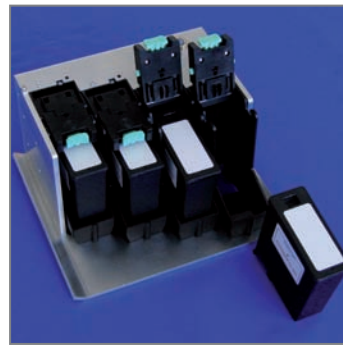
# THERMAL INK-JET

## PRINTING SOLUTIONS

Olivetti is a one-stop shop thermal ink-jet technology supplier for printheads, inks and printing systems (mechanics, electronics and firmware).

Thermal ink-jet is a very flexible and clean technology allowing printhead hot-swapping and making easily available different inks for different media: by just changing the head, the printing system is completely renewed, and suitable for the new production requirements. New inks development and materials compatibility improvements make the thermal inkjet printing solutions compliant with the main industrial applications requirements.

The complete technology developed for office products is now available for integration on new customer-designed products; the technology is provided together with all the support that may be required to manage it and to get whatever printing application up and running.



KNOWLEDGE	<b>Micro-mechanics Engineering</b> Expertise in rapid prototyping, small series manufacturing of mechanical parts, tooling according to supplier's facility, worldwide on-site pre-production process and technical support	<b>Firmware and Software</b> <ul style="list-style-type: none"> <li>- High quality colour image processing expertise</li> <li>- Engineering and design of Risc and Cisc architectures</li> <li>- Real time processing</li> <li>- Motion control</li> <li>- USB, BlueTooth, Ethernet, and WiFi communication standards</li> <li>- Development of multiplatform Windows™, Macintosh and Linux applications</li> <li>- Automatic installation packages</li> </ul>
	<b>Hardware engineering</b> <ul style="list-style-type: none"> <li>- Design of <math>\mu</math>-processors, <math>\mu</math>-controllers and digital signal processor architectures</li> <li>- Expertise in agencies compliance designs (CE, GS, FCC, UL and Energy Star)</li> </ul>	

## PRINTING SOLUTIONS

PRINTHEAD ARRAY	<b>Description</b> The printing system comprises printhead, head support and electronic	<b>Physical resolution</b> 600 dpi for the 33 pl – 300 dpi for the 80 pl
	<b>Swath height</b> 0.5" per printhead	<b>Deliverable ink</b> 20 ml or 40 ml per printhead
	<b>Array</b> Up to 12 print heads can be managed together, even if printing at different positions.	<b>Inks</b> Can print on porous, semi-porous and non-porous substrates; special inks for textile and food grade are also available
	<b>Printing direction</b> Sideways and downwards	<b>Servicing</b> Manual or optional capping and cleaning stations
	<b>Drop size</b> 33 pl or 80 pl	

A3 FLAT BED PRINTER	<b>Printing area</b> 420 x 300 mm (A3 format)	<b>Printing features</b> Media height, servicing, print layout... from printer driver and from LCD menu
	<b>Printing system</b> Different print head/head craddles can be managed	<b>Stand alone mode</b> Through memory cards and dongle USB
	<b>Media height</b> Up to 60 mm (next: 100 mm)	<b>Service station</b> Capping, cleaning and purging
	<b>Stand alone UI</b> 2,4" LCD display, on-off key, navigator (four buttons and confirm)	<b>Dimensions (WxDxH)</b> 700 x 520 x 250 mm
	<b>PC connection</b> USB 2.0	<b>Weight</b> 13 Kg