



The industrial standard in Europe

The MIC (Multi-purpose Inkjet Controller) is a real-time, very compact Windows XP based controller designed for advanced inkjet imaging and personalization. The MIC controller drives inkjet printers of virtually any manufacturer, prints top sheets on-line, read & print, matching with readers (barcodes/cameras), enables selective gathering, provides routing control and production planning. With scalable hardware configurations: "mini" – "desktop" –

"rack version" it fulfills all requirements from low cost to high end applications. Customer feedback makes the point "many controllers run on Windows, but only the MIC takes advantage of Windows", "truly intuitive". It is the most versatile controller in the industry and has been installed more than 1500 times since 2000 all over the world. Capable of running more than 400'000 products/hour. The MIC has become the industry standard.



Drives various inkjet types

- GT-Jet 36 (HP), GT-Jet 72, GT-Jet 64, GT-Jet VR Series, GT-Jet SG Series
- Domino : Bitjet, Jetarray, Jetarray HR, A400, Solo, S-Series
- Videojet : BX Series, PrintPro, SR25/50, Excel
- Scitex : Scitex 5000, 5100, 5120, 5240, etc.
- Imaje : Mailjet and S8

Controls every machine

- Mailing: Controller, Inkjet and addressing table
- Wrapping lines: Sitma, Buhrs, CMC, Chromos etc.
- Newspaper lines: Ferag, Sitma, Müller Martini, Buhrs etc.
- Saddle stitchers and binders: Heidelberg, Müller-Martini etc.
- Collators and Web machines: Bielomatik, GaVehren, Hunkeler etc.
- Card machines: Datacard, Profold, CPST, PFS², Nimax etc.
- Any other machine that needs printing and/or control

Makes every application possible

- Catalogue addressing: Inside/outside printing, selective gathering, reordering and stacker control
- Newspaper addressing: Print top sheets online, selective inserting, routing and on-line production planning
- Card printing and processing: phone cards, loyalty cards, customer cards etc.
- Label printing and verifying
- Direct mail addressing
- Read & Print: reading a code, retrieving the record from the database, and then printing.
- Print & Verify: printing of text combined with a reader to verify proper process.
- Special numbering software to generate automatic numbers and codes for sheet and roll numbering

Technical Details

Characteristics

- The basic system consists of a PC and a controlling system developed by Graph-Tech
- Automatic make ready helps reduce setup time
- Drives up to 20 inkjets on up to 4 different tracking units
- On a synchronized production line on up to 4 tracking units, the inkjets can be placed anywhere on the line.
- Performs advanced record control for manual and automatic reorder.
- Performs advanced production planning for newspaper and other time critical applications.
- Drives up to 3 Industrial printers (drivers for Datamax, Printronix, Kyocera, Zebra, Mec-Tec, Markem CIM etc. are available) for on-line top sheet, sack tag, and pallet tag printing.
- Drives up to 7 readers (camera – Axode, Videk, Leibinger etc. - for character recognition, barcode reader – Sick, Datalogic, any other -, or magnetic strip reader – 509, magtek) for verification, matching, and read-and-print applications.
- Handles virtually any data format.
- Data sources are Host/LAN, removable hard disks, floppies and USB sticks.
- Product imaging of up to 200 variable texts from data source, fix texts as many as wanted, 8 counters per inkjet. All texts are independently assignable to any combination of print lines and inkjet printers
- Production logging and statistic function reporting based on operator name, activity (production/setup/idle), and job number. Files exportable to MS-Excel.
- User-friendly and intuitive software concept
- Security module for data encryption, decryption and access control
- Modifications to suit special applications welcome, due to GT not being dependent on third parties, the complete software code was developed in-house.

Technical data

- Dimensions Rack Version (HxWxD) 1380x595x710 mm
- Dimensions Desktop and Mini Version (HxWxD) PC : 330x180x420 mm

Monitor: 350x353x210 mm

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|----------------------------|-------------------------------------|
| ▪ Operating system | Power supply: 106x183x250 mm
XPe |
| ▪ Network | Ethernet - TCP/IP |
| ▪ Interfaces | USB, Serial RS232 / RS422, Parallel |
| ▪ Monitor Rack | Fully integrated 15" touch screen |
| ▪ Monitor Desktop and Mini | Flat screen, 15" |

Distribution:



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