

ZTV HP MK2 Bulk System



Printing without downtime

- Ink supply system with pressure control
- High availability and cost savings in equal parts
- No frequent cartridge changes as with single cartridges
- Gravitation- and vibration-independent ink supply
- Free installation height of the ink tank



Further information under:
www.markoprint.com/ztvhp

Ink supply system with integrated intelligence

The Markoprint ZTV HP MK2 is a centralized and cost-effective ink supply system for Markoprint inkjet printers. For marking applications with high ink consumption, the intelligent system enables interruption-free printing.

It guarantees you high availability and cost savings in equal parts.

Innovative technology, such as the inclusion of intelligent Markoprint "IQ" consumables, combined with our print systems allows this system to be offered with the following printers:

- integra One
- X2/X4JET
- integra Quadro / integra Quadro²

The ZTV provides the optimal solution for large-scale consumers with cost savings of up to 75% being possible.

The ZTV HP MK2 is monitored via SmartCard. This enables comparison of data and means additional security. If, for example, the inks in the cartridge and tank differ, all valves are automatically closed to prevent mixing of the inks and a contamination of the system.

Even expired inks, which may therefore be of poor quality, cannot be used because the SmartCard records shelf life data.

Because the system is regulated by pressure, the bulk system can be installed above, to the side and below the print heads. The height of the system does not matter, an additional regulator is not required.

General information	
Print technology	Thermal Inkjet Technology
Supported print technologies	HP
Max. number of print heads	4
Max. number of production lines	4
Length	250 mm
Width	120 mm
Height	170 mm
Weight	4400 - 4800 g (depending on configuration)
Temperature range	5 to 40°C
Relative humidity, maximum (non-condensing)	10 to 90 %

Performance data	
Input voltage on the device	24V DC
Power consumption, max.	5W
Protection class	IP40
1-4x cartridge sensor	For data transfer between the ink cartridges and the Bulk system
EIA232	15 pin Sub-D for data transmission to the print unit
Input voltage	24V DC via 15pol Sub-D
Maximum flow of an ink cartridge	1,2l (corresponds to 3 tanks)
Ink content of the ink tank	400ml
Length supply line ink cartridge	1,2m

Technical changes reserved at any time



More than ten times the ink volume

The ZTV is suitable for fast-drying or solvent-based HP inks. It holds 400 milliliters of ink, more than ten times as much as the ink cartridge in the print head. The frequency of ink changes is significantly reduced by using the ZTV.

One to four cartridges can be supplied simultaneously by the ZTV. A cartridge can process a throughput of up to 1.2 liters before it needs to be replaced. This corresponds to three ink tanks for a single-head system and 12 ink tanks for a four-head system.

The supply tank and cartridges interact via SmartCard technology. The cartridges report their ink level to the ink system in real time and are automatically filled during the printing process.

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