

REA JET

INDUSTRIAL CODING AND
MARKING SOLUTIONS -
MADE IN GERMANY

REA JET HR Bulk System

Ink supply for inkjet printer REA JET HR



Ink supply by bulk system: Central and cost-effective



REA JET inks are known for their high print quality and excellent color fastness. The high-quality features of durability, color range and operating safety are proven in the HR cartridge system.

Coding and marking applications with high print volumes, we have designed an automatic bulk system for the REA JET HR Hi-Res inkjet printer that enables uninterrupted printing.

The bulk system delivers ink to the bulk cartridges and generates the necessary working pressure to make the ink available at the nozzles of the REA JET print head.

Continuous, uninterrupted supply of ink

The bulk bottle contains 950 ml and fills with ink via a reservoir of up to 2 or 4 bulk cartridges.

A chip is attached to the bulk cartridge, which informs the REA JET HR control unit when the cartridge needs to be replaced. The filling level of the cartridges is queried in real time. Per cartridge, a total of 475 ml of ink can be printed.

This significantly reduces the consumable costs and makes printing more environmentally friendly, as fewer cartridges are needed.

The system advantages

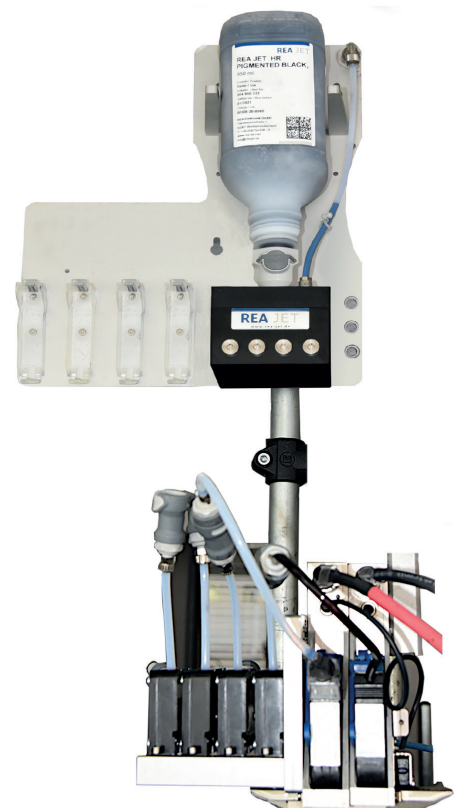
- Greater than 35% lower ink costs owing to use of the automatic bulk system
- Amortization in almost no time
- Cost-effective bulk packs for large-scale production
- High print quality and excellent color fastness
- Time saving since cartridge changes are no longer necessary
- Bulk system with 950 ml ink cartridge to minimize downtime of the machine and system
- Continuous, uninterrupted supply of ink for extensive and unsupervised print jobs
- Easy assembly
- High print volume
- Significantly reduced operator intervention

HR Controller for up to 4 print heads



HR Controller for up to 2 print heads

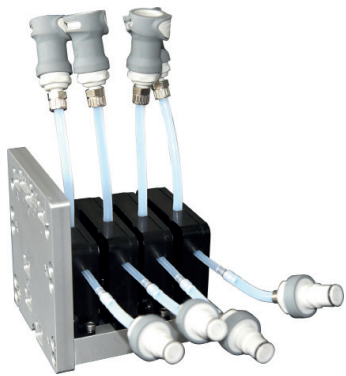
HR print heads



REA JET HR Bulk System

Technical data

- Dimensions: 310 x 369.2 x 108 cm (width x height x depth)
- Weights: version for supplying up to two cartridges 2.77 kg (incl. accessories)
- Version for supplying up to four cartridges 2.98 kg (incl. accessories)
- Ambient temperature: depends on ink
- Bulk bottle size: 950 ml
- Max. attachable print heads: 2 resp. 4



Optional equipment:
REA JET Bulk Regulator

Available inks

The bulk system processes water-based inks. Due to their longer drying times, they are particularly suitable for printing on porous surfaces such as cardboard, paper or wood.

Optional: REA JET Bulk-Regulator

By using a regulator, the bulk tank can be mounted up to 1.50 m above the defined working distance position.

A regulator can be connected to each hose leading from the reservoir. This ensures that the necessary pressure and ink flow to the connected bulk cartridge is available at all times. A level sensor in the reservoir ensures that the system does not run dry.



Wood marking in the run



Bulk systems in large printing plant



Marking of cardboard boxes



End marking of glued lumber

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