

FLUID-BAG

RAIL SYSTEM for easy discharge of printing inks into mother tanks



Fluid-Bag has developed a construction that enables a printer to use one or several Discharge Rollers for many mother tanks in a printing house. The purpose of the construction is to have a movable Discharge Roller on top of the mother tanks. The Discharge Roller moves on rails, hence it is called a rail system.

The size of the mother tanks determines the construction built around them. Parallel to the rails on top are walkways and handling space for the Discharge Rollers. The equipment can also include the use of other types of packaging. Steel totes and "bag-in-box" containers can be placed on the rail system and discharged. It is a flexible solution.

To discharge a Fluid-Bag the operator places it over the correct mother tank by means of a forklift truck. He brings the Discharge Roller into position, it is easy to move by hand. The discharging can start after the bag has been connected to the device. The Fluid-Bag container is equipped with a central outlet under the bag, which makes it easy to empty the ink directly into the mother container below.

The rail system is a very simple solution and easy to handle. It is cost-effective as one Discharge Roller can be utilized for more than one mother tank. Typically, a user has 1 Discharge Roller for a set of 4 tanks, and 3 for a set of 8 mother tanks depending on ink consumption. The rail system gives the user freedom to use various packaging alternatives. By contrast, a Discharge Roller permanently installed on top of a mother tank would not permit this.

The system also allows several Fluid-Bags to be discharged at once as Discharge Rollers are not needed until the last third of the emptying process.

The Fluid-Bag with a rail system is a clean handling system. The bag itself leaves minimal residue and causes minimal waste.

The rail system is based on a modular system and can easily be adapted to different sizes and measures.

In the interest of product development we reserve the right to make changes to our products.



FLUID-BAG

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