

INK SUPPLY SYSTEM for DIGITAL INKER

the new low-pressure feed system for machines with digital inkers



- **RELIABLE and SAFE**
- **LATEST GENERATION**
- **EASY TO MANAGE**

The system is made up of a pumping unit installed on the machine able to feed the digital inker with a **constant** pressure of 3 bar.

Traditional systems use pressure reducers installed close to each ink fountain, directly connected to the pressurised pipes of the centralized ink pumping system. Their function is to reduce ink pressure from 100 to 3 bar.

With such a high ΔP , in the case of low ink consumption or inlet pressure variations, the device may block, stopping the ink flow to the inker.

At worst, the malfunctioning of the pressure reducers lets the high pressure of the pumping system flow through the digital inkers, causing costly damage.

The **ELKODiGiTAL** system does not use pressure reducers and works at low pressure throughout the piping installed on the machine. The absence of regulation devices between the pump and the connection to the ink fountains guarantees ink flow for any type of consumption. It is provided with mechanical and electronic safety devices, able to stop the system in the event of a problem. A practical 9" touch-screen panel means that the system can be rapidly and easily controlled at all times.

ELKODiGiTAL can work with our widely appreciated ink supply system ELCOLORA or can interface with existing systems.

