



Perfection in Precision

TROLLEY

SPECIALTY CHEMICALS

This mobile dispensing unit improves color-correction just in time and can be moved to the printing machine.

- The system is operated via a computer using Maestro® software
- The unit formulates color corrections online via a spectrophotometer next to the printing machine (InkMaker provides the connection between the software and the spectrophotometer)
- This unit holds small quantities of all the same base colors and varnishes as the main dispensing unit
- Dispensing is controlled by a notebook computer which can normally be taken to zone 2, thus avoiding shutdowns when the unit is moved from one printing machine to another
- InkMaker supplies quick connections to both electrical and pneumatic supplies, which must be located near the printing machine
- The unit is connected to a printing machine in a non-classified zone such as the paper roll loading / unloading zone
- The unit is moved to the printing machine manually, and connected to it via a safe plug-socket
- The spectrophotometer detects the chromatic setting of the printing and sends the information to the notebook via a test file
- The notebook processes the file and manages the dispensing
- Viscosity is as for standard solvent-based inks





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ADVANTAGES

- Ability to move the mobile Trolley unit close to the printing machine
- Reduced press downtime to color matching
- Fine tuning of colors nearby the press machines
- Traceability of all operations
- Environmental protection and no wastage of ink
- Press return management
- Cost control
- Space saving in the factory





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TECHNICAL DATA

- Dispensing valve diameter: DN14 - two stage valve (small - big) and pulsation
- Product drawing containers: N.04 x 10ltr and N.10 x 5ltr, cleanable - no agitator
- Pneumatic pumps: ½” aluminum with Teflon diaphragm
- Piping: PA12 antistatic pipes with 15mm internal diameter
- Notebook computer: linked via fieldbus to the solenoid valves of the dispensing valves and pumps
- Transportable unit: antistatic wheels; air and power supply taken from the print machine via safe plug-socket
- Spectrophotometer: placed on the unit; spectrophotometer software installed on the unit notebook

TECHNICAL DATA

Number of Components

14

Dispensing Accuracy

1gr

Dispensing Time

4 min for a 25kg pail

Dimensions (WxHxD)

600x1100x1500mm

Containers

10ltr capacity

Scale Capacity

35kg

