

DISTRIBUTION SYSTEMS MULTIPLE LINE COLORSERVICE

Reference: RF0053

DISTRIBUTION SYSTEMS MULTIPLE LINE

Multipipe distribution system is a Color Service invention and for about 20 years it has proved to be the safest way to send products to different users.

The engineering foresees a single pipe per destination. All the pipes are connected to the distributor plate and through a mobile arm connecting on the selected output, the liquid is pumped to destination.

Therefore we can guarantee high washing level and the safety against contaminations. The distributor can be fitted with double distribution arm, this means a considerable advantage in contemporaneity of the service: two different destinations can be served simultaneously.....



MONOLINE DISTRIBUTION

On the other hand, we are well aware about the economical convenience of monoline distribution, if compared with a single pipe per machine. We therefore propose also this kind of delivery system for auxiliaries in powder, that gave optimal guarantees of washing and functioning, thanks to the adoption of valves strongly resistant to the abrasive effect of powder chemicals.

HYDROSULPHITE DOSING SYSTEM

it is well known the dangerousness of the hydro, due to its risk of inflammability in presence of moisture. For this reason Color Service has developed different types of dosing systems, engineered with safety devices according to the size of drums supplied by the Hydro manufacturer

DOSING AND PREPARATION OF BRINE OR OTHER POWDER PRODUCT DISSOLVED:

The dosing system for powder chemicals designed by

Color Service, besides dissolving and delivering the products automatically to the dyeing machines to be served, it can also prepare brine or liquid soda. For example when the dissolution unit DAP is idle, it can make a solution with ratio 1:4 or with a different ratio decided by customer and send it into a big storage tank. From here the solution can be quickly delivered through a dedicated distribution line 2", using centrifugal pumps with a considerable flowrate, 1.000 lt/min or 2.000 lt/min.

This system is particularly suggested for application such as cotton dyeing or in case the capacity of the dyeing machine is large (i.e. 800 kg or 1.000 kg that may ask for 800 kg of salt at once).

DIRECT DOSING FROM SUPPLIER DRUMS (50 OR 100 KG)

This system is still easier because hydro is dosed directly from the supplier's drums, 50 or 100 kg capacity. A robot couples 2 drums, one will always be in process while the other can be loaded, if empty. This system too is mounted on a sliding basement and fitted with all safety measures.

