

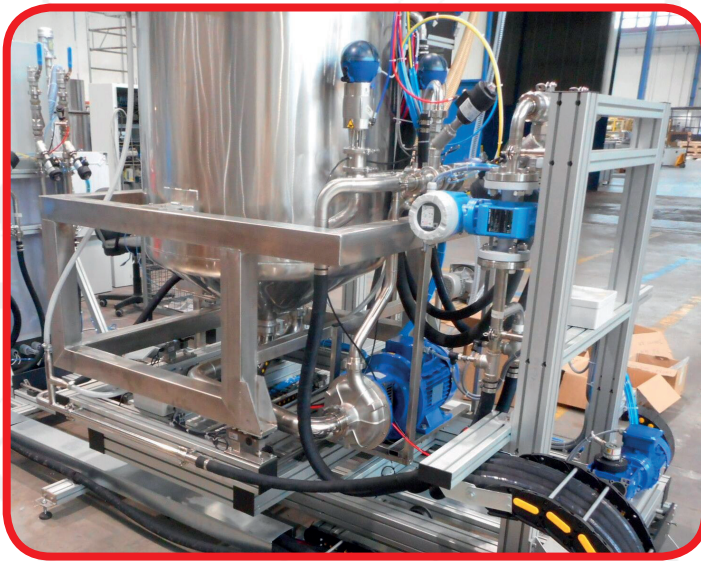
**SALVATORE
ROBUSCHI
POMPE PARMA**

Liquid Dosing in Automatic Dissolving System

HD - Textile and Tannery Industry

Textile Manufacturing

Textile or cloth is a flexible material consisting of a network of natural or artificial fibres (yarn or thread). All textiles are made up of fibres that are arranged in different ways to create the desired strength, durability, appearance and texture. The core of textile manufacture is fabric production. Fabrics can be created in many different ways, the most common being weaving, knitting or through production of non-woven fabrics. During dyeing and printing both hazardous chemicals and dyestuffs are used. Dyes used for dyeing, can also be used for printing, but must then undergo the same fixation and washings steps as after the dyeing process.



Application : Liquid Dosing In Automatic Dissolving System



PUMP: HDA 32-16A 2B40 C157 3

PERFORMANCE: Flow 16 m³/h – head 35 m

LIQUID: water with dissolved paint or chemicals (powder or liquid)

The pump is installed in automatic dissolution unit. A robot automatically collects the keg and introduces it into the dissolution tank. A special mechanism rotates the bucket inside the tank avoiding any dispersion of dye. Recirculation dissolves the dye under PC control to get the proper cycle according with the type of dye used (input of temperature, dissolution time, solubility conditions) (input of temperature, dissolution time, solubility conditions). The pump transfers the dissolved recipe to the users. Pump has back-to-back seal arrangement to protect the mechanical seals from sticky liquid

HD SERIES



Impeller type: **Closed.**

Discharge sizes: **from DN 32 to DN 80.**

Maximum working pressure: **up to 8 bar - according to the pump size.**

Flow rate: **up to 300 m³ /hr.**

Differential head: **up to 55 m.**

Same interaxis of ISO 5199 chemical norm pumps: easy interchangeability.

