

Colour Preparation System

Mixing tanks with integrated dissolving station



Mixing tanks:

- This color kitchen incorporates the most modern manufacturing and control technology.
- The inner surface is electrolytic polished and easy to clean. Thickener and water dosing is set via a touch panel interface.
- Level and quantity is controlled by ultrasonic level detectors.



4 Tanks are pre-assembled and pre-wired.

Colour Preparation System

Function:

Dyestuff dissolving:

- Dyestuff is dissolved directly in hot water heated-up by steam to the pre-set temperature.
- The dyestuff is dissolved directly in the mixing-tank where it is finally needed.
- Special dyestuff dissolving tanks are not required and there is a lot of savings in investment, labor and cleaning.



Dosing and Mixing:

- The total amount and the percentage of thickener is pre-set on the touch panel and controlled by the ultrasonic level sensor.
- The temperature of the dye paste can be kept constant to eliminate difference in fixation caused by different temperatures of the dye.
- During the printing process the level and consumption of dye is monitored.



Cleaning and rinsing:

After the print process an automatic cleaning program is started. The tank, pipes, mixers, valves will be cleaned in shortest time.



J. Zimmer Maschinenbau GmbH

Eibergstrasse 2-8

A-6330 Kufstein / A U S T R I A

T: +43 (5372) 6 48 93

F: +43 (5372) 6 14 76

chromojet@zimmer-austria.com

www.zimmer-austria.com