



BENNINGER

DyeMaster
Central dyehouse automation systems



Chemical Dispensing (CDS)

Dyestuff Dissolving & Distribution (DDS)

Powder Dissolving, Storing & Distribution (PDS)

Water Supply System (WSS)

Significant shortening of process times, anytime delivery of auxiliaries, chemicals, dyes, salt and soda.
Therefore higher reproducibility and more cost efficient.

Applications	<ul style="list-style-type: none"> • Liquid chemical dispensing for dyeing machines and padders • Dyestuff dissolving and distribution • Soda & Soda dissolving, storage and distribution • Waste water heat recovery systems
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Chemical preconditions 0.7-1.5 g/cm³ / 0 -12000 mPas

MOM AISI 316 L (Liquor contact parts)
PVC or EPDM hose pipe

Controllers Sedo Treepoint, Setex

Host systems Sedomaster/ Sedo Treepoint, Orgatex /Setex



Dyestuff Dissolving and Dosing DDS



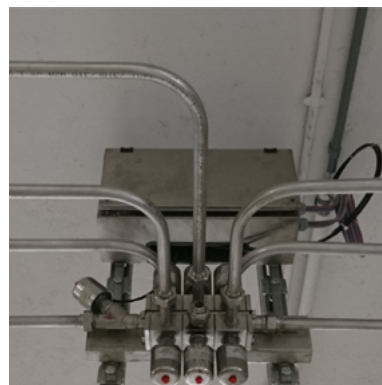
Chemical Dispensing System CDS



Powder Dissolving System PDS



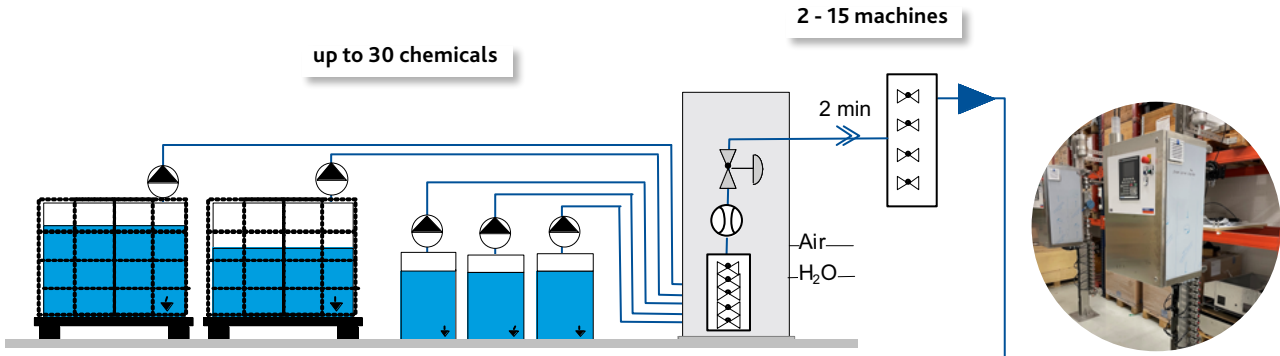
Water Supply System WSS



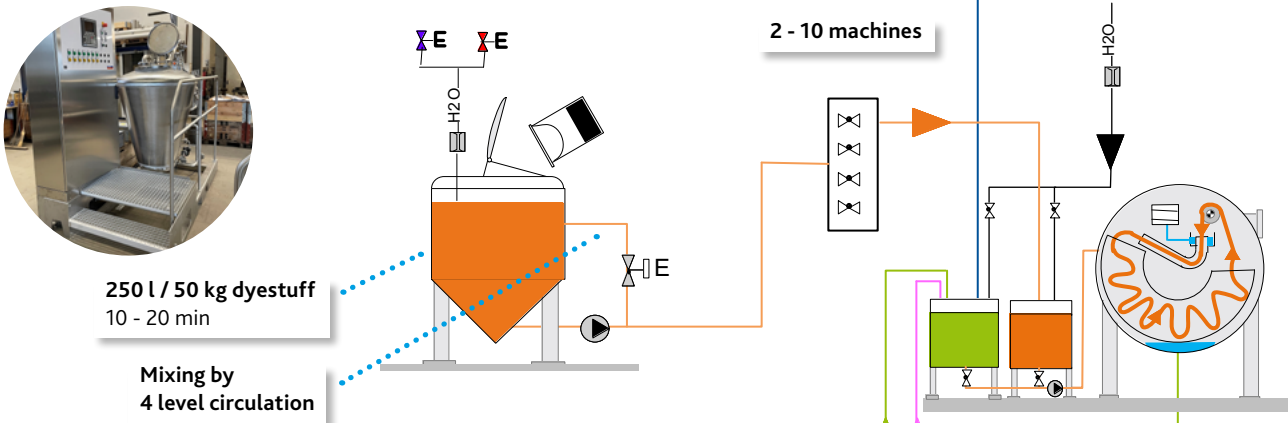
Distribution Lines CDS



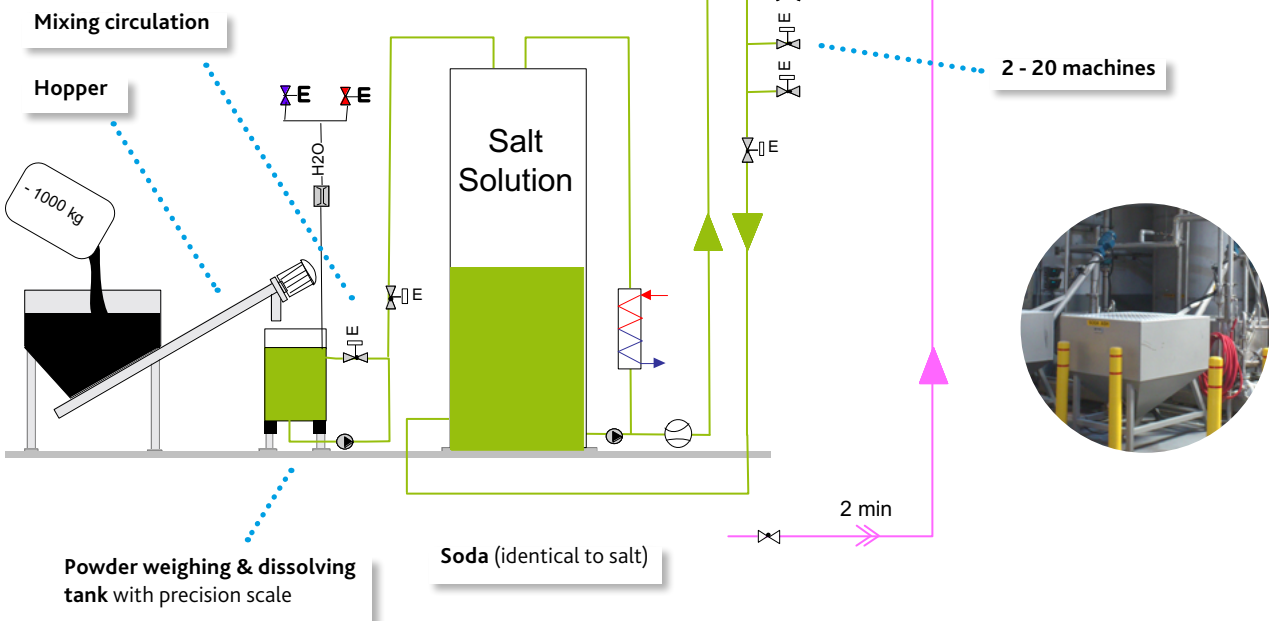
Chemical Dispensing System (CDS)



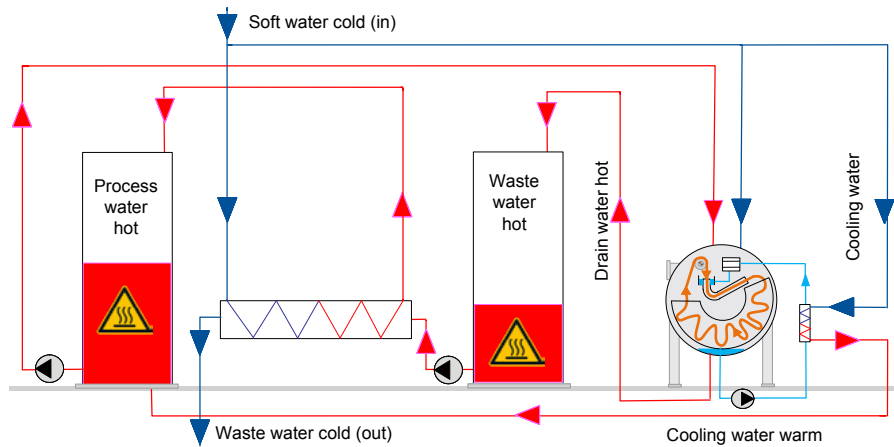
Dyestuff Dissolving & Dosing (DDS)



Powder Dissolving (PDSD)



Water Supply System (wss)



The Water Supply System WSS provides the dyehouse permanently with hot water at constant temperature and pressure.

Incorporated heat recovery cools down the process water by counterflow principle and heats up cold fresh water to 50 °C with a pay back of less than 1 year. Furthermore discharging water is cooled down to fulfill local discharge regulations and/or the requirement of the biological effluent treatment plants.

BENEFITS

- No dyestuff dust contamination outside of dyestuff kitchen
- Centralized chemicals store in protected environment
- "Just in Time" supply, no waiting time at machine and therefore high reproducibility on dyeing process.
- Permanent hot water availability – shorter heating up time

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