

arel salt dispensing system extends the level of automation and efficiency offered by Arel to textile dyehouses. This fully automated system integrates seamlessly with the Arel dyehouse central system and can also be operated on a 'stand alone' basis or integrated with other control systems as necessary. The system is designed to deliver a highly concentrated salt slurry to the dyeing machine ensuring minimal effect on dyeing liquor ratios. Accuracy of delivery is maintained through the use of accurate flow metering and control. The replenishment of salt to the bulk storage tank can be undertaken at any time improving the efficiency of operators..



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O.T.S SALT DISPENSING SYSTEM



Total Plant Control at the *TOUCH* of Your Fingers

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AREL O.T.S SALT DISPENSING SYSTEM

O.T.S SALT DISPENSING SYSTEM FEATURES

- Fully automatic delivery of salt slurry to dyeing machines
- High specific gravity of delivered solution ensuring high Salt/Water ratio
- Accurate weighing of salt continuously while transferring to machines
- Simple replenishment of granular salt into bulk storage tank
- Reduced infrastructure cost - no requirement for dry silo and conveyor
- Mixing and weighing of salt in one tank
- Quality, rust proof, componentry used
- Improved operator safety due to elimination of manual addition



SALT DELIVERY

Arel's unique mixing and dispensing system delivers a high specific gravity, concentrated, salt slurry to the dye machine quickly and efficiently. Use of a precision mass flow meter ensures a highly accurate quantity of salt is delivered without the requirement for any manual intervention.



STORAGE TANK REPLENISHMENT

Granular salt can be added to the storage tank from individual sacks, bulk sacks or directly from a salt hopper. Water is added to the granular salt and the system is ready for use. The ratio of salt to water in the storage tank is not a critical measure reducing the accuracy requirements during filling.



INTEGRATION AND INFRASTRUCTURE

The Arel salt dispenser is fully integrated with the Arel dyehouse central system for automatic delivery and controlled addition to the dyeing machines and can also be easily integrated with other control systems. The design of the salt dispensing system means that it can easily be incorporated in a client's existing premises in a suitable location.