



PATERNOSTER

POWDER DYESTUFF
WEIGHING AND STORAGE SYSTEM

The single address for all automation
needs of the textile industry.

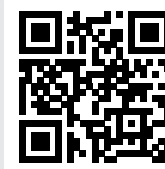
Control Your Factory.

ELIAR FULL AUTOMATIC
CHEMICAL KITCHEN



ELIAR RD96

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ELIAR CDD

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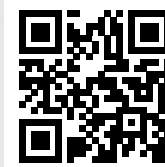


ELIAR FULL AUTOMATIC
MINERAL KITCHEN



ELIAR RPD

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ELIAR DYEHOUSE
SUPERVISORY SOFTWARE

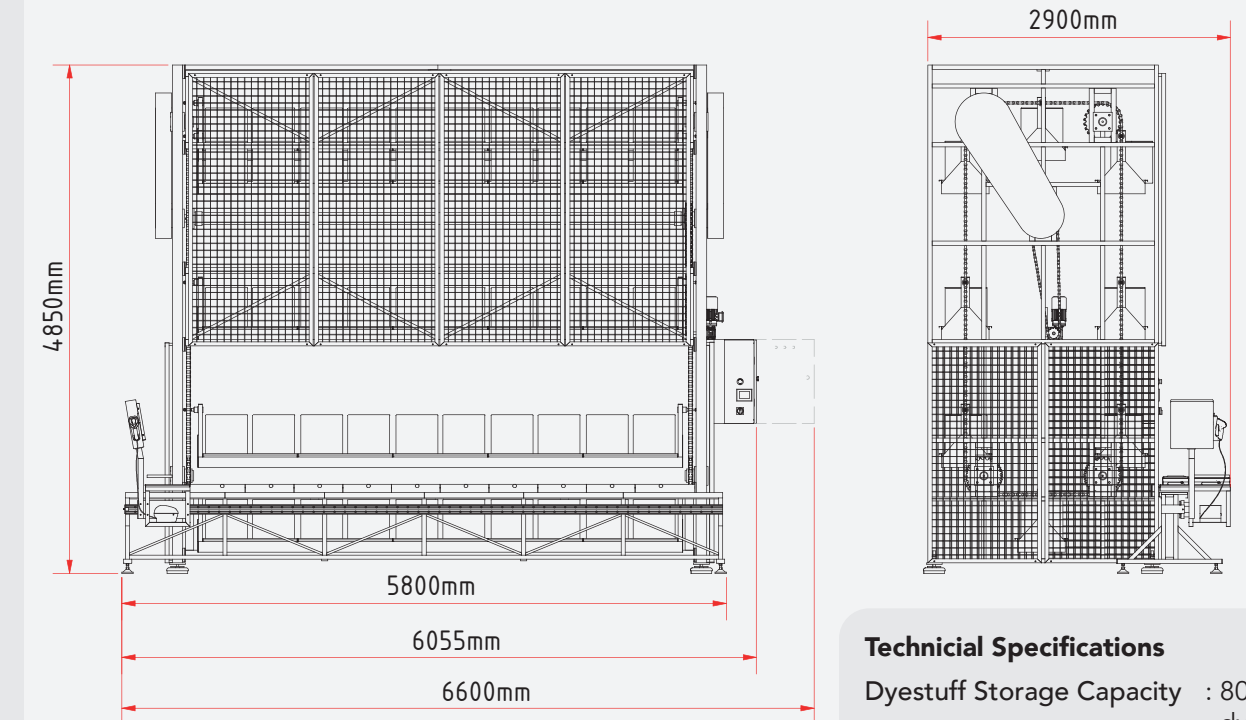


ELIAR TELESKOP

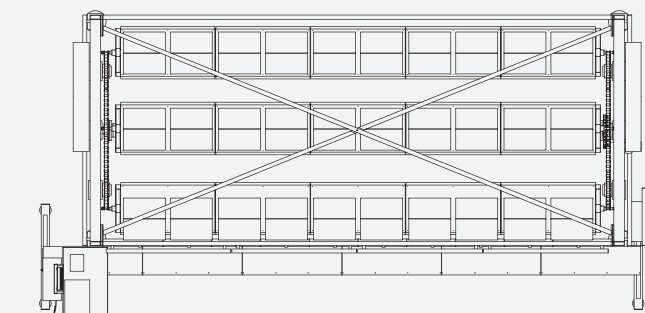
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PATERNOSTER 80



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Technical Specifications

Dyestuff Storage Capacity : 80 standard
dyestuff boxes

Capacity : 60-80 dyestuff

Total Shelves : 6-8 rotating shelves

Individual Shelf Capacity : 10 Standard
dyestuf boxes

Scale Tye : Standard 30-35 kg and
200-320 g

Scale Accuracy : Standard 0,1 g ve 0,01 g

Recipe Integration : Could be integrated with
all ERPs with ELIAR
integration protocol.



Paternoster not only assists operators for weighing the right amount of the right dyestuffs, but also helps them to neatly store the dyestuff boxes in a vertically designed structure. Thanks to the movable scale set on the conveyor rail, the operator's need for movement has been reduced and the weighing process has been made much easier.

PRECISE WEIGHING AND COMPACT DESIGN

Paternoster is the best semi-automatic storage and weighing system, especially for dyehouses with sufficient ceiling height. Thanks to the automatic rotating shelves, the dyestuff box specified in the recipe is brought to the weighing position, thus, by this way the dyestuff dusting is prevented and a clean dyestuff kitchen with perfect order is obtained.

HIGH CAPACITY & RELIABLE PROCESS

Paternoster is the most reasonable solution for weighing and storing powder dyestuffs. It can be integrated with all recipe softwares and transfers the upcoming requests automatically. It provides error-free weighing with its user-friendly interface, and minimizes the operator's need for movement with its rotating shelves structure.

8 SHELVES 80 DYESTUFFS

Paternoster provides storage and operator-directed weighing of 80 different dyestuffs in 8 shelves. Thanks to its vertical structure, it saves floor space and in this way, all your dye kitchen processes are carried out in a very small area.

- VERTICAL STORAGE
- USER-FRIENDLY, EASY TO USE

SMART SCENARIOS FOR WEIGHING PROCESS

Paternoster immediately responds to dyestuff calls and brings the relevant shelf carrying the dyestuff box to weighing position in just 30 seconds. It is the fastest guided weighing system with its revolving shelves and moving scales.

- AUTO POSITIONING
- REPEATABILITY

ELIAR CDD POWDER DYESTUFF DISSOLVING AND TRANSFER SYSTEM

Paternoster works in full harmony with ELIAR CDD semi-automatic powder dyestuff dissolving and transfer system. After the dyestuffs are weighed according to the recipe with the help of Paternoster, they are transported to the ELIAR CDD. CDD automatically adjusts the dissolving parameters according to the properties of the dyestuffs in the recipe and ensures that the recipe is dissolved in the most appropriate way and then transferred to the relevant dyeing machine.

HIGH SECURITY, ZERO RISK

In order to enable the operator to quickly select the dyestuffs in the recipe whose weighing has begun, LED notification lights are being placed in all dyestuff boxes. In this way, possible wrong choices are prevented. As a second safety measure in addition to the LED light guidance system, it has a customized software that allows the weighing of the dyestuff to be weighed only after barcode verification. Thus, the dyestuff selection is made in two steps with both LED light guidance and barcode verification system.

- LED LIGHT DIRECTION SYSTEM
- BARCODE VERIFIED SECURITY SYSTEM

INDEPENDENT SCALES FOR LARGE AND PRECISE WEIGHINGS

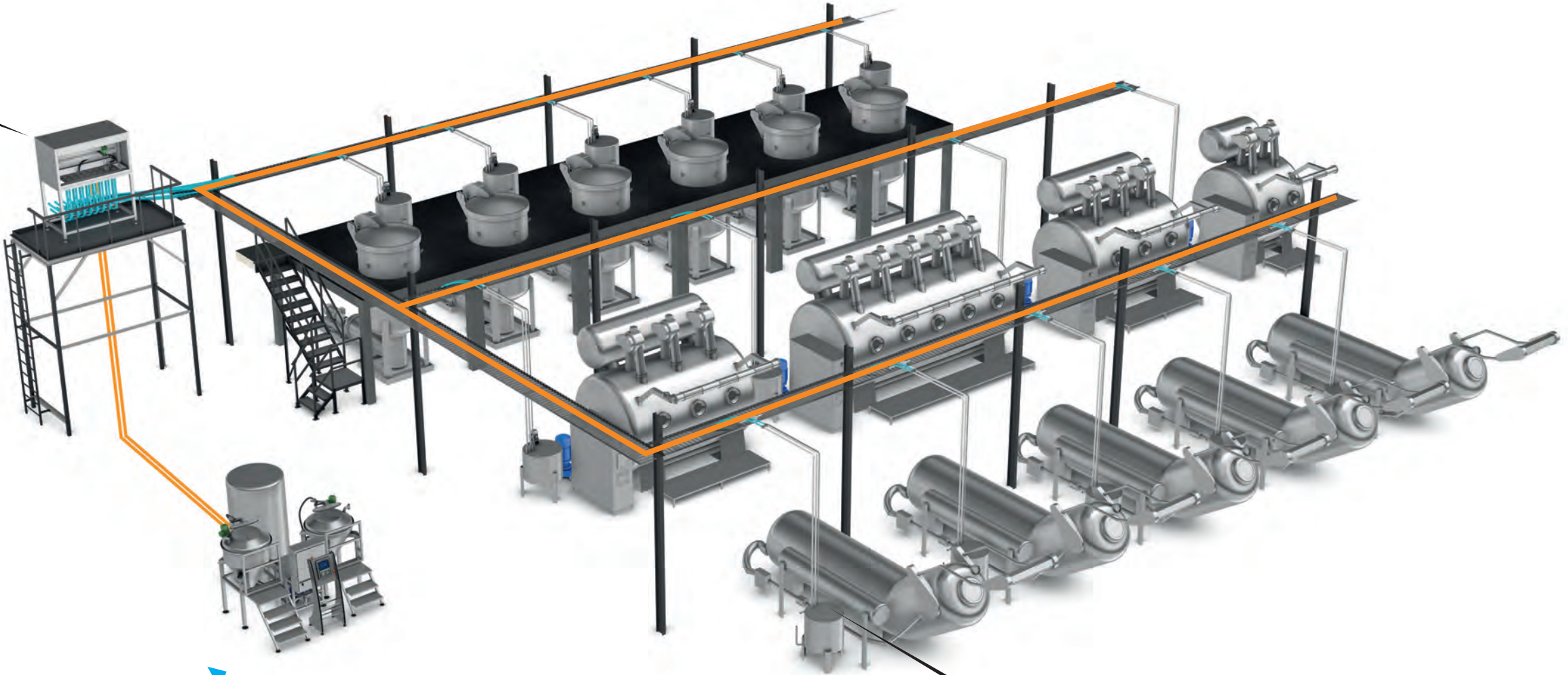
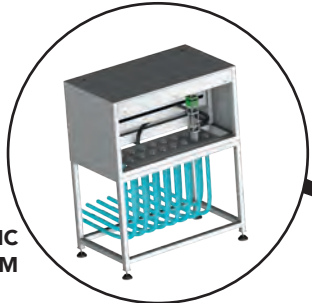
The Paternoster is equipped with two different scales used for different purposes: High precision weighings and high capacity weighings are provided with separate scales. The system guides the operator about which scale should be used and the interface of this scale is displayed on the screen during weighing process. It also monitors the stock and lot information of the dyestuffs, and gives an automatic alarm when the amount of dyestuff decreases.

- HIGH PRECISION & HIGH CAPACITY
- STOCK AND LOT TRACKING

PERFECT PROJECTS WITH EXPERT ESTABLISHMENT IN THE TEXTILE INDUSTRY

Aligned with its vision for the future, with the awareness that the only way to progress is the triangle of qualified knowledge, qualified workforce and optimum cost, Eliar, thanks to its wide engineer staff specialized in their fields and the R&D center that directs technology, shares its deep application experience with you from the projects it has carried out in different parts of the world. During the selection and projecting of the most suitable powder dyestuff automation system, Eliar also cooperates you in every aspects of your automation project and with its technical team specialized in textile automation systems, takes the responsibility of all design, project and engineering works, installation stages and commissioning processes from the production of your project until the delivery stage and always offers you turn-key automation projects.

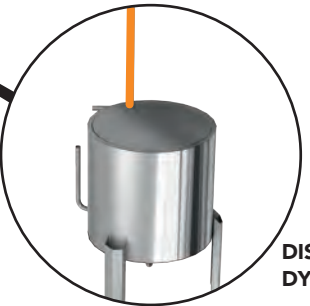
ELIAR ROBOTIC DISTRIBUTION SYSTEM



The dyestuff recipe, weighed with high precision by PATERNOSTER, is transferred to ELIAR CDD for dissolving and fully automatic transfer process.

The dyestuff recipe, weighed with high precision with PATERNOSTER, is dissolved with ELIAR CDD and transferred to the ELIAR multi-line robotic distribution system. Via this robot, the system is connected simultaneously to the single line going to the dyeing machine to which the recipe will be transferred, and thus dyestuff transfer is ensured without the risk of mixing or any contamination.

DISPENSING TO THE DYEING MACHINE ADDITION TANK



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