

LA-253

The LA-253 with dual robotic controlled coupling, automatically distribute dye solution to up to 36 dye machines through dedicated outlets. Its real time distribution optimizes the dye machine utilization and efficiency.

- ★ Elimination of human errors.
- ★ Optimized efficiency of dye house.
- ★ Clean, safe and environmentally friendly.

LA-253 Specification

Product name	LA-253				
Number of distribution housing	1	Power Voltage (ACV)	220	Dimensions Width (mm)	1750
Number of PLC module	1	Power Phase (φ)	1	Dimensions Length (mm)	2700
Number of servo module	2	Power Frequency (Hz)	50/60	Dimensions Height (mm)	1900
Number of robotic controlled distributor	2	Power Wattage (Kw)	3.3	Weight (kg)	800
Number of distribution outlet	16~36 (customize)				

Dyeing integration

Manages

1. Logic Art exchange files
2. Other database format
3. Customize format

Customer ERP

Data exchange

SQL Database

LA-1000

LA-600

LA-SPC



LA-200



LA-201



LA-202



LA-252



LA-252RB



LA-253



LA-301



LA-302F



LA-302F-ECO

※Specifications subject to change without notice.

LA-25x-E-V202311

www.logicart.com.tw

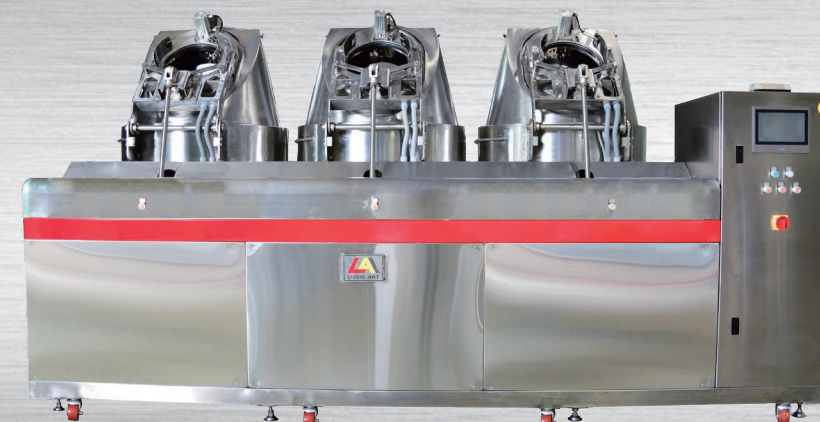
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Dyestuff Dissolving & Distribution Range



LA-252RB
Powder Dyestuff Automatic Loading & Dissolving System



LA-252
Powder Dyestuff Dissolving System



LA-252RM
Powder Dyestuff Automatic Storage & Retrieval System



LA-253
Dye Solution Distribution System

Operating a modern dyeing and finishing plant, you require

Dyestuff Dissolving & Distribution Range

Let our intelligent automation solution make it happen for you!



Standardized
processes



Optimized
production



Big data
management



Energy-efficient
and eco-friendly data

LA-252

The LA-252RM Powder Dyestuff Automatic Storage and Retrieval System provides fully automatic loading and unloading of dye recipes to the LA-252RB for automatic recipe dissolving. On completion the empty dye bucket is automatically washed and dried and return to the storage location: The whole process requires no operator, giving error free results.

LA-252 Series Specification

Product name	LA-252	LA-252RB	LA-252RM
Number of dissolving tank	1~3 (customize)	3	N.A.
Capacity of tank (L)	60~900 (customize)	60~900 (customize)	N.A.
Industrial housed computer	1	1	1
Number of compress pump	1	1	N.A.
Number of centrifugal pump	1	N.A.	N.A.
Number of H-speed mixer	1~3 (customize)	3(circulation)	N.A.
Number of flow meter	1	1	N.A.
Number of RFID writer	N.A.	N.A.	1
Number of retrieval module	N.A.	N.A.	1
Number of dyestuff bucket storage position	N.A.	N.A.	60
Number of bucket cleaning module	N.A.	N.A.	1
Dimensions Width (mm)	2150	3800	9300
Dimensions Length (mm)	1600	2100	4000
Dimensions Height (mm)	1750	2100	2930
Weight (kg)	500	2000	4500
Power Voltage (ACV)	220/380/415	220/380/415	220/380/415
Power Phase (φ)	3	3	3
Power Frequency (Hz)	50/60	50/60	50/60
Power Wattage (Kw)	5.5	7.5	5.0

standardize dissolving Improve repeatability

- ★ Dye recipe retrieval and automatic dissolving and cleaning
- ★ Programmable dissolving process
- ★ Dedicated outlets ensure zero contamination or human error

1 LA-201 Combined Dyestuff Storage & Weighing Management System

- Complete management and dyestuff storage for up to 100 dyestuffs.
- User friendly “see and do” software.

2 LA-252 Powder Dyestuff Dissolving System

- Standardizes the dyestuff dissolving process.
- Eliminates human errors.

3 LA-253/255 Dye Solution Distribution System

- Dedicated connections (LA-253) to each dye machine add tank or mono pipe (LA-255) distributes to all add tanks.
- Full auto cleaning software routines to avoid contamination.

4 LA-202 Dyestuff Warehouse & Weighing Management System

- Robotic controlled dyestuff warehouse system for the larger mill.
- Automatic dyestuff storage and retrieval for up to 152 dyestuffs.

5 LA-200 Semi-Auto Powder Weighing Management System

- Barcoded job tickets to ensure correct dyestuffs weighed.
- Ideal for small and medium size mills.

6 LA-1000 Process Management System

- Recipe bulking and job ticket preparation software.
- Open interface protocol link to ERP databases.

7 LA-SPC Dye Machine Supervisor System

- Real time total dye house management.
- Total dye house integration.

