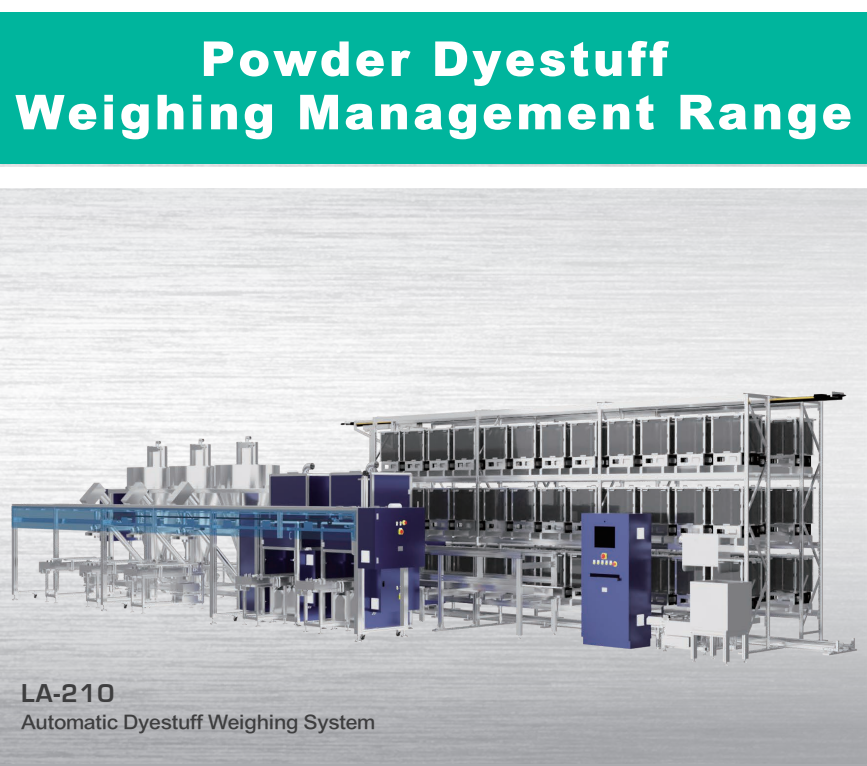


Professional / Quality / Service / Innovation



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Powder Dyestuff Weighing Management Range

Operating a modern dyeing and finishing plant, you require

Powder Dyestuff Weighing Management Range

Let our intelligent automation solution make it happen for you!

Standardized processes

Optimized production

Big data management

Energy-efficient and eco-friendly data

- ★ Precise scales to optimize weighing process eliminating human error thus increasing productivity.
- ★ Real time management control with rapid pay back of initial investment.
- ★ User definable managements reports.

LA-200 Semi-Auto Powder Weighing Management System

LA-200 Specification

Product name	LA-200				
Number of weighing housing	1	Number of industrial housed computer	1	Power Wattage(Kw)	2.5
Number of small scale 4kg	1	Number of LCD monitor	1	Dimensions Width(mm)	1255
Readability of small scale	±0.01g	Number of industrial bar code reader	1	Dimensions Length(mm)	784
Number of large scale 30kg	1	Number of thermo ticket printer	1	Dimensions Height(mm)	1512
Readability of large scale	±0.1g	Power Voltage(ACV)	220	Weight(kg)	80
Number of dyestuff indicators	30~250	Power Phase(φ)	1		
Number of UPS	1	Power Frequency(Hz)	50/60		



Barcode reader



LA-1000 Process Management System

LA-200

LA-202 Dyestuff Warehouse & Weighing Management System

- ★ Robotic controlled dyestuff warehouse system for the larger mill.
- ★ Minimize storage area whilst maximizing efficiency.

LA-202 Specification

Product name	LA-202				
Number of weighing housing	1	Number of dyestuff buckets	56~152	Power Voltage (ACV)	220/380/415
Number of robotic cart	1	Number of transfer conveyor system	1	Power Phase(φ)	3
Number of small scale 4kg	1	Number of industrial housed computer	1	Power Frequency(Hz)	50/60
Readability of small scale	±0.01g	Number of LCD monitor	1	Power Wattage(Kw)	7.5
Number of large scale 30kg	1	Number of industrial bar code reader	1	Weight(kg)	5000
Readability of large scale	±0.1g	Number of thermo ticket printer	1	Number of UPS	1
Number of dyestuff indicators	10				

LA-202 model dimension table

Product name	LA-202-56	LA-202-88	LA-202-120	LA-202-152
Dimensions Width(mm)	6018	8018	10018	12018
Dimensions Length(mm)	3300(include LA-200)	3300(include LA-200)	3300(include LA-200)	3300(include LA-200)
Dimensions Height(mm)	3200	3200	3200	3200

Dyeing integration

Manages

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

Customer ERP

Data exchange

SQL Database

LA-200

LA-201

LA-202

LA-252

LA-252RBC

LA-253

LA-301

LA-302F

LA-302F/ECO

LA-1000

LA-600

LA-SPC

LA-201 Combined Dyestuff Storage & Weighing Management System

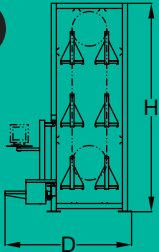
LA-201 Specification

Product name	LA-201				
Number of weighing cart/housing	1	Number of dyestuff positions	60~100	Power Voltage (ACV)	220/380/415
Number of small scale 4kg	1	Number of industrial housed computer	1	Power Phase(φ)	3
Readability of small scale	±0.01g	Number of LCD monitor	1	Power Frequency(Hz)	50/60
Number of large scale 30kg	1	Number of industrial bar code reader	1	Power Wattage(Kw)	7.5
Readability of large scale	±0.1g	Number of thermo ticket printer	1	Weight(kg)	4500
Number of UPS	1	Number of dyestuff indicators	10		

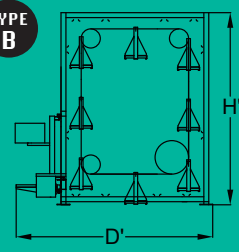
LA-201 model dimension table

Product name	6A-H	6A-L	8A-H	8A-L	10A-H	10A-L	6B	8B	10B	6C	8C	10C
Dimensions Width (mm)	6350	6350	6350	6350	6350	6350	6350	6350	6350	6350	6350	6350
Dimensions Length(mm)	2520	2520	2520	2520	2520	2520	customize	customize	customize	3900	4800	5800
Dimensions Height(mm)	4200	3700	5500	4800	6600	5900	customize	customize	customize	2500	2500	2500

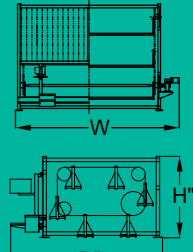
TYPE A



TYPE B



TYPE C



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

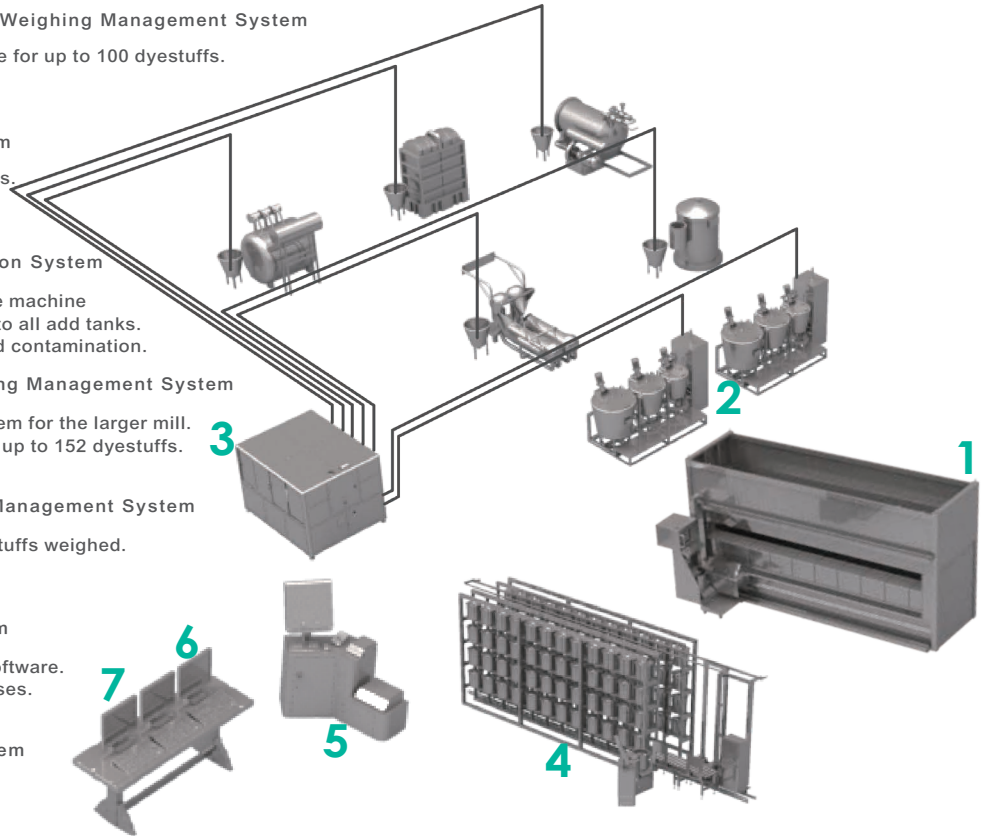
- Barcoded job tickets to ensure correct dyestuffs weighed.
- Ideal for small and medium size mills.

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.



LA-210 Automatic Dyestuff Weighing System

The LA-210 features warehouse management of individual dye box modules, paired with multiple high-precision powder weighing stations for accurate measurement. It enables real-time dye consumption/inventory management.

- ★ Modular design : Patented innovation eliminates common system problems.
- ★ Flexible layout design : Stacked modular system reduces space compared to linear designs.
- ★ Expandable for additional dyes : Each dye module can be removed independently for cleaning or replacement without disrupting system operation.
- ★ Patented powder dyestuff de-bridge system : Unique design resolves de-bridging issues.
- ★ Dedicated refill system : Separate position with electronic balance for refilling dyestuffs.
- ★ Precise measurement : Simultaneous weighing of two recipes on high-accuracy electronic balances.
- ★ Fast measurement : Fully automated warehousing and transportation with simultaneous weighing.
- ★ Automated warehousing & Transportation : Labor-free operation.
- ★ Large quantity weighing module : Optional large capacity dye module and separate balance for extensive dye use.



LA-210

The system comprises multiple 90L dye box modules within a storage structure, capable of accommodating up to 160 dye stuff modules. A dedicated weighing station refills these modules, while individual dye modules are automatically transferred to two weighing stations equipped with high-precision electronic balances. A separate 900L module handles large volume weighing. Movement is controlled by a rail-guided vehicle (RGV) for accurate selection, transportation, and storage. A high-efficiency filtration vacuum device ensures safety and a clean working environment.

LA-210 Specification

Mode	LA-210L-III-40-2W	LA-210L-III-64-2W	LA-210L-III-88-2W	LA-210L-III-112-2W	LA-210L-III-136-2W	LA-210L-III-160-2W
Number of dye modules	40	64	88	112	136	160
Capacity of dye modules (L)	90					
Number of weighing unit (32Kg)	2					
Scale Resolution (g)	0.01					
Minimum weighing (g)	50					
Accuracy of weighing (±% or g)	±0.2% or 0.1g					
Refilling Scale	1					
Dimensions Length (mm)	7620	10000	12380	14760	17140	19520
Dimensions Width (mm)	5000	5000	5000	5000	5000	5000
Dimensions Height (mm)	3135	3135	3135	3135	3135	3135
Weight (kg) (not include dyes)	2750	4300	5850	7400	8950	10500
Large module	900L ; Scale 40kg / 5g ; Minimum weight 4kg ; Scale Accuracy ±50g (Max. 3 sets)					

※Specifications subject to change without notice.