

Xeleer



STOP
taking chances with
Consistency & Quality



START
saving precious
materials by dosing
correct quantities



***Xeleer (A Unit of Autosys Group)
is a product company, in the Industrial
Automation and Control space.***

Xeleer converts the in-depth expertise and domain knowledge of the Autosys Group (www.ael-india.com) into standardized products that are manufactured, sold and supported on a global scale.

Xeleer has solved some of the most challenging problems in automation, material handling, weighing and instrumentation.

Low bulk density fibres, difficult to flow composites, cycle time vs accuracy trade-offs, these are some of the challenges that Xeleer has solved.

Industry leaders like LAFARGE and RAMCO are using our "patent pending" products. The Indian Airforce has mandated the use of our Fibre dosing system for all their Runway construction Projects.

Automatic Dosing

Fibres / Recron @ 20 gram accuracy



Patent Pending

Specification Table – Fibre / Recron Dosing

Typical material to be dosed	Synthetic Fibre / Recron	
Capacity	1 Kg to 10 Kg / Cycle	50 to 300 Kg per hour
Typical cycle time	1 to 2 minutes	Continuous Feeding
Accuracy	+/- 20 g to +/- 50 g	+/- 1%
Minimum Bulk density	300 Kg/m ³	300 Kg/m ³
No of Variable Speed Drives	2	3
Power Supply required	440 V, 3 Phase, 0.75 KW	
Receiving Hopper	200 Kg	
Jumbo Bag Mounting & Handling	Optional Module	
Controller	PLC + Touch MMI	
Contact Parts	SS 304	
Mounting	2 to 3 Metres Vertical Space is required	

Application Areas : Dosing of Synthetic Fibres / Recron Building Materials (Roofing Sheets), Fibre mixed Dry Cement, Fibre Added Ready Mix Concrete

Fibrous Composites @ 2 gram accuracy



Typical material	Fibrous Composites Dosing		Composites Press Feeding
Capacity	10 – 125 Grams	100-500 Grams	Up to 20 Kg
Typical cycle time	25 seconds	25 seconds	1 to 2 minutes
Accuracy	+/- 1 gram	+/-15 grams	+/- 50 grams
Minimum Bulk density	500 Kg/m ³		
Power Supply required	440 V, 3 Phase, 0.75 KW		
Receiving Hopper	5 Kg	30 Kg	200 Kg
Controller	PLC + Touch MMI		
Contact Parts	SS 304		
Mounting	1 Metre Vertical Space is required		2-3 Metres Vertical space required--

Application Areas: Dosing of Fibrous Composites Friction Materials / Brake Pads, Press Feeding

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