



PHARM**BLEND**SERIES1000/2000
Blending System
Product Data



PHARMABLEND SERIES 1000/2000

Blending System



The AVE PHARMABLEND Blending Systems are designed specifically for the pharmaceutical and chemical industries. The blenders consist of the main support frame, IBC cage, drive with brake, bin lift system and PLC control.

The material within the IBC is tumbled on an eccentric axis. This method requires no 'clean down' between batches and ensures complete batch integrity.

The IBC blender is loaded into the blending cage where it is clamped into position using a lead screw mechanism with pressure sensor to ensure the IBC is in the locked position prior to the blending cycle starting. The PLC control system includes a safety relay with optional light curtain guard, depending upon the installation required.

The blending cycle controls the rotation speed and blending time, at the end of the cycle the IBC automatically stops in the upright position and is lowered ready for removal.

PHARMABLENDSERIES

Standard features include:

- Blending cage in SS304 stainless steel, clean welded construction
- Designed to suit Gallay type IBCs up to 2,000 litre capacity
- Lead screw clamping system with pressure sensors and safety interlocks
- Siemens S7 PLC & MHI
- Programmable blending cycle
- CE marked



Technical Specifications

Model:	PB1000	PB2000
Max IBC capacity:	800 L	1,600L
Rotation speed:	2-15 rpm	2-15 rpm
Process time:	0-60 mins	0-60 mins
Electrical:	8.5kW	10.5kW
Control System:	PLC / HMI	
Noise level:	≤75dB (1 m from machine)	
Overall Dims (mm):	3409x1500x2670	3409x1500x3270

PHARMABIN (IBCs) 1000

Capacity:	1,000L
Type:	Pharmaceutical specification, Gallay design compatible
Design:	Square with large radius corners for improved hygiene
Contact Parts	AISI 316 stainless steel
Non Contact Parts:	AISI 304 stainless steel
Inlet:	500mm
Outlet:	DN250mm fitted with hygienic butterfly outlet valve
Internal Finish:	Mirror polished
External Finish:	Satin finish
Dimensions (mm):	1200x1200x1642



All images are for illustrative purposes.
Specifications are subject to regular
updating. Please contact AVE Technologies
for latest product details.

AVE Technologies also offer:

Tablet Compression Solutions

Encapsulation Solutions

SoftGel Systems

Counting Line

Blister Packers

Coating Systems

Cartoners

The quality of our products is our first consideration from conceptual design to final commissioning. All activities in the manufacture process are in accordance with the company's Quality Assurance Manual and International Standards Directive BS EN ISO 9001:2008. The production site where the products are made has been assessed and given ISO 9001:2008 approval.

All equipment is manufactured to allow it to be CE marked in accordance with 98/37/EC Machinery Directive, inclusive of but not necessary limited to the following standards:

- EC Machines Directive 98/37/EEC
- EC Low Voltage directive 73/23/EEC
- Electromagnetic Compatibility Directive 89/336/EEC
- Safety of Machinery BS EN 12100:2010
- General Requirements Electrical Equipment of Machines EN60204-1
- Safety of Machinery fluid Power Systems and their components BS FN 4414:2010
- Cleanroom and Contained Enclosures Standards ISO14644 Pt 1 - 7
- Validation of Automated Systems in Pharmaceutical Manufacture ISPE GAMP
- Pressure Equipment Directive 97/23/FC (where applicable)



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