



Boone

Mixing and Blending

Universal Lab Mixer

ULM Bench top to pilot scale

Worldwide Mixing Specialists

Guaranteed accurate
scale-up

Interchangeable centres
for all Boone mixer types

Improve R&D

Cost-effective

Low maintenance costs

Low to high shear

Pressure, vacuum,
heated types available



Boone lab mixers are available as standard from 2 to 50 litres, and demonstrate the performance of Boone full-scale mixing equipment, so you can guarantee accurate and repeatable scale-up. With no need to take a production mixer out of service to conduct trials, you can develop new products and refine existing recipes. You can be confident that the final product will perform as required, including micro-ingredients and colours.

R&D can work to its own timescale, without waiting for production downtime.

Pilot scale versions are also available to suit your application. Some typical applications are:

- Grout and mortar colour mixes
- Refining recipes, optimising additive levels
- Dry cell battery powders
- Investment casting materials
- Processed cereals
- Catering recipes
- Dry concrete premix
- Food additives
- Wallpaper paste
- Floor screed
- Filter cake
- Adhesives
- Washing powder
- Spices

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Boone ULM



Versatility built in

Boone ULM and Pilot mixers feature a 'universal drive', meaning that they can mix from the gentlest blending action of the Rotary Drum Blender through to high speed, attritional Boone Delta Blade mixer. Easy to clean down and change mixer style. Options include the addition of heating or cooling, vacuum or pressure processing.

Interchangeable

Boone mixers share a common pattern of mixer shell, so mixing blades can be interchanged depending on the application.

Reliability

Boone Mixers have proven over many years to be the industry standard for long life and reliability with a minimal service requirement.



The Boone Range



Drum Mixer
Gentle blending



Paddle Blade Mixer
Variable shear, patent clean arm



Helical Blade Mixer
Interrupted spiral mixer



Delta Blade Mixer
High speed, high shear



Continuous Mixer
Contraflow blades

Options

- Heating/cooling
- Pressure/vacuum
- Any number of feed arrangements
- Flush fitting plug valve discharge
- Rotating shell discharge
- Instrument & inspection ports
- Air purged glands or mechanical seals
- Liquids addition systems
- High shear refiners, choppers
- Heating or cooling Jackets
- Vacuum Processing
- Mixer weighing systems
- Variable speed control
- HMI / PLC control systems
- ATEX, PED, certified machines
- Polished (dull to mirror) and bead blast finishes



All machines comply with EC Machinery Directive 2006/42/EC. Machines and mixing systems can also be supplied in accordance with ATEX, PED and other EC directives/ISO standards.

Contact Us

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