

MaxiBlend® Lab Blender

GlobePharma, Inc.
is innovating lab scale
blending with the newly
redesigned MaxiBlend® Lab
Blender.

New features include an upgraded, intuitive control interface and seamless, all stainless-steel design. Timing and speed parameters can be set using the new touch-screen, color display. The MaxiBlend® Lab Blender accommodates interchangeable v-shells, bins and double-cones with fully welded, pharmaceutical finishes, in sizes from 0.5 quart to 16 quart. All 4, 8, and 16 quart vessels are available with intensifier bars and GlobePharma's patented Sift-N-Blend® technology.



**MaxiBlend® Lab
Blender w/ 8
quart v-shell
(guard open)**

MaxiBlend® Lab Blender

The MaxiBlend® Lab Blender offers the following innovative features:

- All-welded vessels (v-shell, bin, custom) with an internal finish of $Ra < 0.4 \mu/15$ micro-inch and external finish of $Ra < 1.2 \mu/50$ micro-inch
- Tri-clamp discharge ports for all vessels
- New MaxiBlend® Lab Blender vessels can be used on legacy GlobePharma drive systems AND on the P-K Blendmaster®
- Legacy GlobePharma and P-K Blendmaster® vessels can be used on the new MaxiBlend® Lab Blender drive unit
- Vessels are available from 1 quart to 16 quart in v-shell, bin, double cone, or custom geometries
- All 4, 8, and 16 quart vessels are available with various styles of intensifier bars
- Patented Sift-N-Blend® attachments are available for all 4, 8 and 16 quart vessels in any geometric configuration
- MaxiBlend® Lab Blender drive stations and standard attachments are typically stock items
- The MaxiBlend® Lab Blender system offers versatility and interchangeability to meet your demanding applications



The Sift-N-Blend® attachment allows for simultaneous screening, milling, and blending – resulting in increased blend uniformity with decreased overall run time. It may be purchased with any of our blenders or can be retro-fitted to your existing lab to production scale blender.



MaxiBlend® Lab Blender w/ 8 quart v-shell
(guard closed)



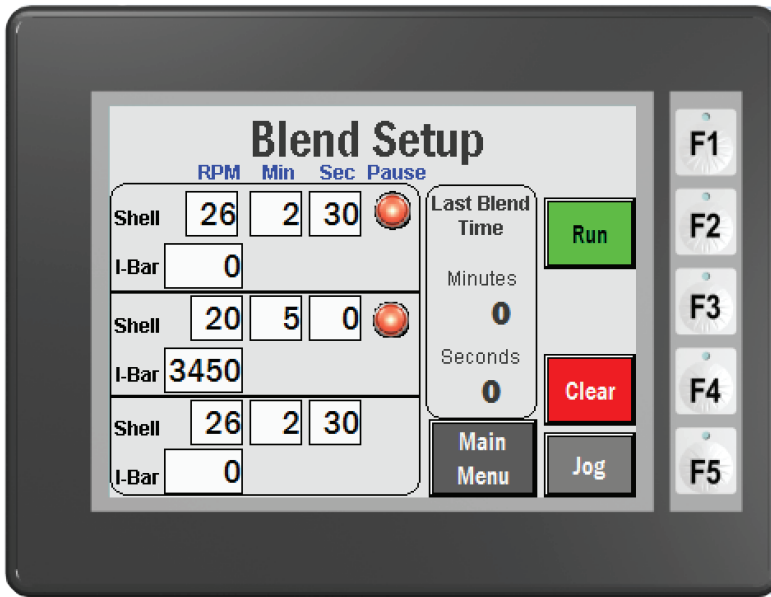
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www.globepharma.com

MaxiBlend® Lab Blender

An Enhanced User Experience...



- Fully programmable 3-step blending cycle with optional pause between each step
- Time and speed can be pre-set for each blend step
- Last blend cycle remains in memory to facilitate blending of multiple batches of same formulation
- Vessel automatically rotates to home/discharge position following completion of each blend step

- Actual process times and set speeds are clearly indicated during blend cycle
- Blend cycle can be paused/resumed at any time without loss of parameters
- Blender enters pause state when safety guard is breached
- Operator can resume the batch without loss of parameters when safety guard is closed
- PLC retains time remaining value upon start-up following power failure and/or e-stop event to resume blending seamlessly



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Technical Specifications:

DESCRIPTION	SPECIFICATION
Weight (empty)	200 lbs (91 kg)
Vessel volume	0.5, 1.0, 2.0, 4.0, 8.0 and 16.0 quarts
Vessel speed (fixed speed version)	26 rpm
Vessel speed (variable speed version)	3 – 26 rpm
Intensifier bar speed (applicable models) Variable speed available	3,450 rpm 250 – 3,450 rpm
Vessel capacities	Vessel sizes are referenced as batch capacities in liquid quarts and are 60% of total vessel volume with batch variability of +/- 10% with intensifier bar, and +10%/-30% without intensifier bar or with Sift-N-Blend® attachment
Vessel drive motor	0.5 hp (0.37 kW)
Intensifier bar drive motor	0.5 hp (0.37 kW)
Electrical	115 V, single phase, 50/60 Hz, 5 A

Materials of Construction:

DESCRIPTION	SPECIFICATION
Drive station housing	304 stainless steel
Safety enclosure	Polycarbonate
V-shell, bin, double cone, or custom vessels	316 stainless steel
Intensifier bars (liquid-solid or pin)	316 stainless steel
Sift-N-Blend	316 stainless steel
Cart	304 stainless steel
Small bottle blending attachment	Aluminum casting

Available Accessories:

- Small bottle blending attachment
- Large bottle blending attachment
- FAT/SAT documentation & execution
- IQ/OQ protocols
- Installation & training services
- Stainless steel cart made of 304 SS, 28" W x 46" L x 34" H (72 cm x 117 cm x 87 cm) with handle and adjustable height middle shelf and top shelf w/ rectangular opening (covered by pivoting lid) for easy blend discharge, with lockable casters and a faultless floor truck lock

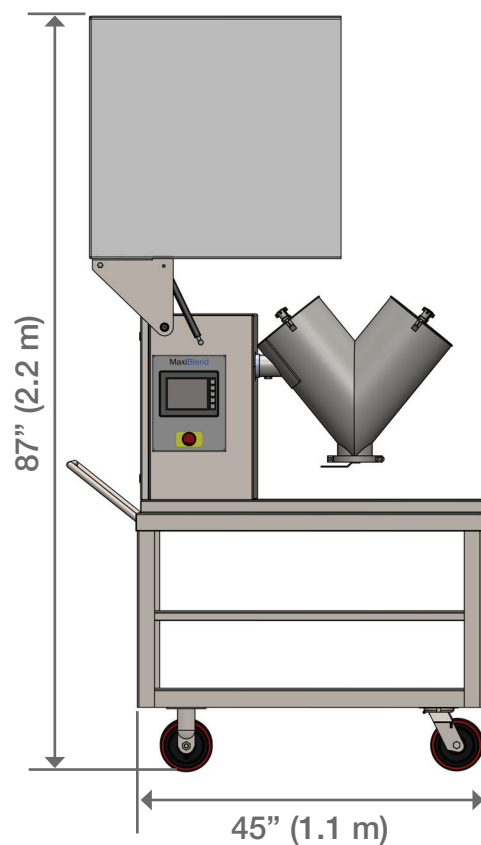
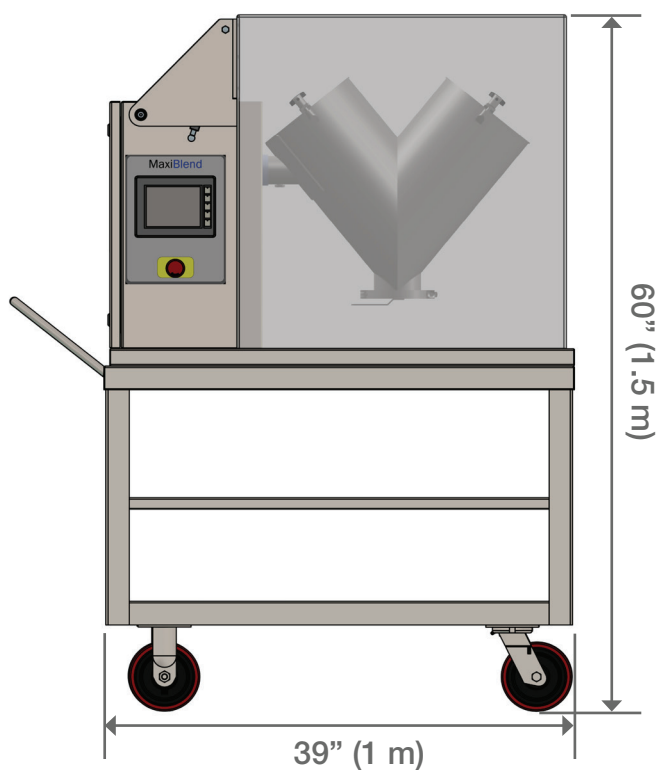
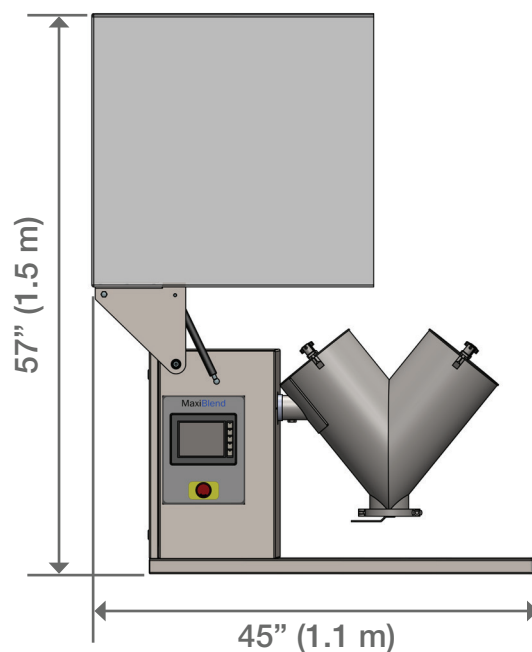
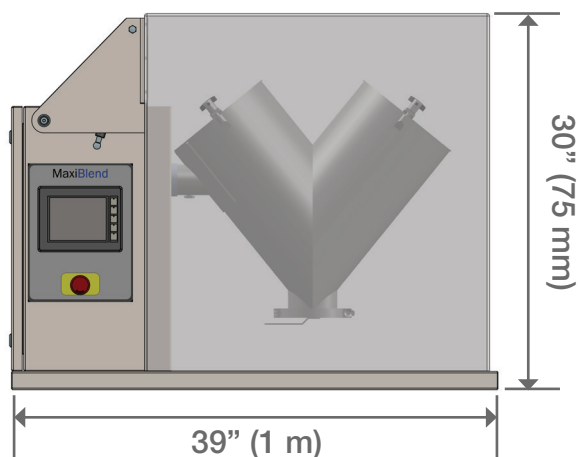


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Outline Drawings:



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GlobePharma, Inc. – innovating the industry standard in laboratory to pilot scale solid dosage material processing equipment for over 20 years.

Headquartered in New Brunswick, NJ

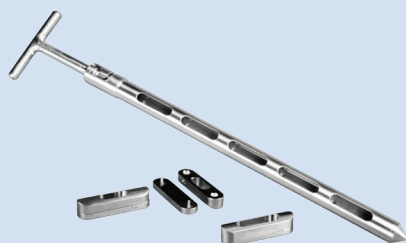
Serving the following industries:

- PHARMACEUTICAL
- NUTRACEUTICAL
- FOOD & BEVERAGE
- COSMETIC

A comprehensive R&D to pilot scale product portfolio including:

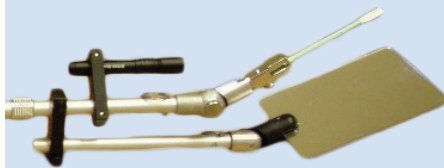
- Samplers
- Blenders
- Cleaning Validation Tools
- Tablet Presses
- Milling Machines
- High Shear Granulators
- cGMP Valves
- Tablet Dedusters
- Capsule Polishers

Samplers



UNIT DOSE POWDER SAMPLER

Cleaning Validation Tools



REMOTE SWABBING AND
MICROBIOLOGICAL
SAMPLING TOOL

Blenders



MAXIBLEND® LAB BLENDER

Tablet Presses



VERSAPRESS®

cGMP Valves



RCRC cGMP VALVE

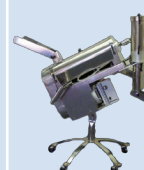
Process Equipment



CONEMILL®
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TABLET
DEDUSTER



CAPSULE
POLISHER

Extensive application knowledge and problem solving experience. Dedicated to continuous improvement, innovation, and quality manufacturing.