

# MaxiBlend®

## PILOT SCALE BLENDER

GlobePharma's MaxiBlend® 1-2 & 1-2-3 Pilot Scale Blenders continue the innovative interchangeability of the MaxiBlend® Lab Scale Blender with vessels up to 3 cu ft. These cantilever design units can accommodate 1, 2, & 3 cu ft vessels, including v-shells, bins and double-cones, with and without intensifier bars. Each unit is available with variable speeds for the vessel and intensifier bar drives and are Sift-N-Blend® compatible for all vessels.

The MaxiBlend® 1-2 Blender's compact design allows users to easily load and unload, clean and store vessels using the corresponding cart. Its limited footprint makes the MaxiBlend® 1-2 portable and easily fits in most labs.

The MaxiBlend® 1-2-3 offers the same versatility as its MaxiBlend® 1-2 counterpart, but is upgraded to include a built-in lift system. This allows users to easily discharge from the elevated position into drums or containers.

The MaxiBlend® 1-2 & 1-2-3 touchscreen controls are user friendly with multiple blending segments offering individual speed, time and intensifier bar settings.



MaxiBlend® 1-2 Blender with 2 cu ft Bin



MaxiBlend® 1-2 Blender with 3 cu ft V-shell

## Features

- Interchangeable 316SS Vessels from 1.0, 2.0 & 3.0 cu ft working capacities.
- V-shells, Bins and Double Cones
- High Speed Intensifier Bars, 316SS, for all vessels
- Patented Sift-N-Blend® compatible
- Touchscreen HMI
- Stainless Steel Enclosure
- Variable Speed Vessel Drive 3-25RPM
- Variable Intensifier Bar Drive 300-1800RPM
- Interlocked safety guards, both laser and polycarbonate available.

# MaxiBlend<sup>®</sup> 1-2 BLENDER

## SPECIFICATIONS

Page 1 of 2

DESCRIPTION	SPECIFICATION
<b>Blender Vessel Speed</b>	Variable Speed Version: 3-25 rpm Note: Blender can be configured to a preferred fixed speed between 3-25 RPM at the time of PO.
<b>Intensifier Bar Speed (Applicable Models)</b>	Variable Speed Version: 300 to 1800 rpm Note: Blender can be configured to a preferred fixed speed between 300-1800 RPM at the time of PO.
<b>MAXIMUM BLENDED POWDER DENSITY</b>	<b>SPECIFICATION</b>
<b>1 &amp; 2 cu. ft. Pin Intensifier Bar Models</b>	125 lbs./cu. Ft (2 kg/L)
<b>BLENDER ELECTRICAL DESCRIPTION</b>	<b>SPECIFICATION</b>
<b>Controls</b>	Touchscreen HMI with PLC
<b>Vessel Drive Motor</b>	2 HP, 230 V, 3 Phase, 60 Hz
<b>Intensifier Drive Motor</b>	1.5 HP, 230 V, 3 Phase, 60 Hz
<b>Variable frequency drive</b>	2 HP, 230 V, 3 Phase, 60 Hz
<b>Machine Serial Tag</b>	200-240V, 3 Phase, 60 Hz, 25 Amps
<b>DIMENSIONS</b>	<b>SPECIFICATION</b>
<b>Blender Dimensions without Safety Guard with casters</b>	58" H x 68" W x 39" D
<b>Blender Physical Guard Dimensions with Casters</b>	75" H x 61" W x 65" D
<b>MB 1-2 Blender Vessel Cart Dimensions with casters</b>	50" H x 50" W x 25" D

# MaxiBlend<sup>®</sup> 1-2 BLENDER

SPECIFICATIONS

Page 2 of 2

MATERIALS OF CONSTRUCTION	
COMPONENT	MATERIAL SPECIFICATION
Drive Station Housing	304 Stainless Steel enclosure
Physical Safety Enclosure	304 SS frame with Polycarbonate
Laser Safety Enclosure	Safety zone is 3 ft. from enclosure front center with 240 field of view.
V-shell, Bin and Double Cone Vessels	316 Stainless Steel
V-shell, Bin and Double Cone Vessels Gaskets	White Nitrile Rubber and Buna-N-Rubber, FDA Approved
Pin Intensifier Bars	316 Stainless Steel
Sift-N-Blend Assembly	316 Stainless Steel
Cart	304 Stainless Steel

# MaxiBlend<sup>®</sup> 1-2-3 BLENDER

## SPECIFICATIONS

Page 1 of 1

DESCRIPTION	SPECIFICATION
Blender Vessel Speed	Variable Speed Version: 3-25 rpm Note: Blender can be configured to a preferred fixed speed between 3-25 RPM at the time of PO.
Intensifier Bar Speed (Applicable Models)	Variable Speed Version: 300 to 1800 rpm Note: Blender can be configured to a preferred fixed speed between 300-1800 RPM at the time of PO.
MAXIMUM BLENDED POWDER DENSITY	SPECIFICATION
1, 2 & 3 cu. ft. Pin Intensifier Bar Models	125 lbs./cu. Ft (2 kg/L)
BLENDER ELECTRICAL DESCRIPTION	SPECIFICATION
Controls	Touchscreen HMI with PLC
Vessel Drive Motor	2 HP, 230 V, 3 Phase, 60 Hz
Intensifier Drive Motor	1.5 HP, 230 V, 3 Phase, 60 Hz
Variable frequency drive	2 HP, 230 V, 3 Phase, 60 Hz
Machine Serial Tag	200-240V, 3 Phase, 60 Hz, 25 Amps
DIMENSIONS	SPECIFICATION
Blender Dimensions without Safety Guard with casters	75" H x 73" W x 39" D
Blender Physical Guard Dimensions with Casters	75" H x 61" W x 65" D
MB 1-2-3 Blender Vessel Cart Dimensions with casters	42" H x 53" W x 34" D
MATERIALS OF CONSTRUCTION	
COMPONENT	MATERIAL SPECIFICATION
Drive Station Housing	304 Stainless Steel enclosure
Physical Safety Enclosure	304 SS frame with Polycarbonate
Laser Safety Enclosure	Safety zone is 3 ft. from enclosure front center with 240 field of view.
V-shell, Bin and Double Cone Vessels	316 Stainless Steel
V-shell, Bin and Double Cone Vessels Gaskets	White Nitrile Rubber and Buna-N-Rubber, FDA Approved
Pin Intensifier Bars	316 Stainless Steel
Sift-N-Blend Assembly	316 Stainless Steel