

SimpleBlend®

PILOT SCALE BLENDER

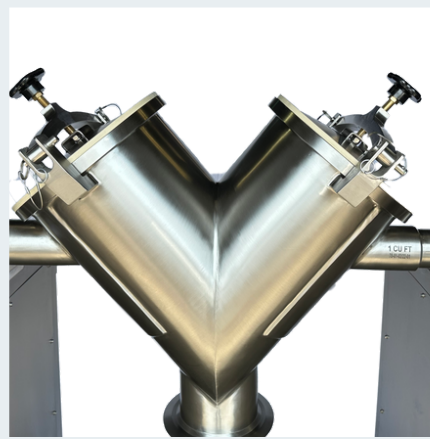
GlobePharma's SimpleBlend® Pilot Scale Blenders are our most popular and affordable pilot scale blenders. These direct drive units allow for cohesive blending without lag caused by vessel belt drive motors. Our SimpleBlend® units are easily moved from storage or between operating rooms. Each unit is available with variable speeds for the vessel and intensifier bar drives and are Sift-N-Blend® compatible for all size units.

The SimpleBlend® Blenders GMP design is wash down ready with a 304 stainless steel frame and 316 stainless steel vessel. Each unit includes the corresponding sanitary butterfly valve. There is ample room for discharging into drums or containers.

GlobePharma's touchscreen controls are standard with all SimpleBlend® units. The user friendly with multiple blending segments offering individual speed, time and intensifier bar settings



SimpleBlend® 1 cu ft Blender



Features

- 1.0, 2.0, 3.0, 5.0 & 10.0 cu ft versions available
- Stand-alone, direct drive blender
- Portable, on-caster design
- High Speed Intensifier Bars, 316SS, for all vessels
- Patented Sift-N-Blend® compatible
- Touchscreen HMI
- All Stainless Steel Design
- Variable Speed Vessel Drive 3-25RPM
- Variable Intensifier Bar Drive 300-1800RPM
- Interlocked safety guards

SimpleBlend[®]

SPECIFICATIONS

Page 1 of 2

SIMPLEBLEND 1, 2 & 3 TECHNICAL SPECIFICATIONS	
DESCRIPTION	SPECIFICATION
Blender Vessel Speed	Variable Speed Version: 3-20 rpm Note: Blender can be configured to a preferred fixed speed between 3-20 RPM at the time of PO.
Intensifier Bar Speed (Applicable Models)	Variable Speed Version: 300 to 1500 rpm Note: Blender can be configured to a preferred fixed speed between 300-1500 RPM at the time of PO.
MAXIMUM BLENDED POWDER DENSITY	SPECIFICATION
Pin Intensifier Bar Models	125 lbs./cu. Ft (2 kg/L)
BLENDER ELECTRICAL DESCRIPTION	SPECIFICATION
Controls	Touchscreen HMI with PLC
Vessel Drive Motor	2HP, 220V, 3 Phase, 50/60Hz
Intensifier Drive Motor	1.5HP, 220V, 3 Phase, 50/60Hz
Machine Serial Tag	Non-Intensifier bar Models: 200-240V, 3 Phase, 60 Hz, 16 Amps Intensifier bar Models: 200-240V, 3 Phase, 60 Hz, 25 Amps
DIMENSIONS	SPECIFICATION
Blender Dimensions with Safety Guard and casters	SimpleBlend1 without I-bar: 71" H x 61" W x 61" D SimpleBlend2 without I-bar: 71" H x 71" W x 61" D SimpleBlend3 without I-bar: 72" H x 71" W x 61" D SimpleBlend1 with I-bar: 70" H x 73" W x 61" D SimpleBlend2 with I-bar: 71" H x 73" W x 61" D SimpleBlend3 with I-bar: 72" H x 79" W x 61" D
MATERIALS OF CONSTRUCTION	
COMPONENT	MATERIAL SPECIFICATION
Drive Station Frame	304 Stainless Steel enclosure
Physical Safety Enclosure	304 SS frame with Polycarbonate
V-shell	316 Stainless Steel
V-shell Gaskets and Oring	White Nitrile Rubber and Buna-N-Rubber, FDA Approved
Pin Intensifier Bars	316 Stainless Steel
Sift-N-Blend Assembly	316 Stainless Steel

SimpleBlend®

SPECIFICATIONS

Page 2 of 2

SIMPLEBLEND 5 & 10 TECHNICAL SPECIFICATIONS

DESCRIPTION	SPECIFICATION
Blender Vessel Speed	Variable Speed Version: 3-20 rpm Note: Blender can be configured to a preferred fixed speed between 3-20 RPM at the time of PO.
Intensifier Bar Speed (Applicable Models)	Variable Speed Version: 300 to 1500 rpm Note: Blender can be configured to a preferred fixed speed between 300-1500 RPM at the time of PO.
MAXIMUM BLENDED POWDER DENSITY	SPECIFICATION
Pin Intensifier Bar Models	125 lbs./cu. Ft (2 kg/L)
BLENDER ELECTRICAL DESCRIPTION	SPECIFICATION
Controls	Touchscreen HMI with PLC
Vessel Drive Motor	5HP, 220V, 3 Phase, 50/60Hz
Intensifier Drive Motor	3HP, 220V, 3 Phase, 50/60Hz
Machine Serial Tag	Non-Intensifier bar Models: 200-240V, 3 Phase, 60 Hz, 25 Amps Intensifier bar Models: 200-240V, 3 Phase, 60 Hz, 40 Amps
DIMENSIONS	SPECIFICATION
Blender Dimensions with Safety Guard and casters	SimpleBlend 5 without I-bar: 83" H x 83" W x 72" D SimpleBlend10 without I-bar: 93" H x 94" W x 72" D SimpleBlend5 with I-bar: 83" H x 92" W x 72" D SimpleBlend 10 with I-bar: 92-102" H x 100" W x 72" D
MATERIALS OF CONSTRUCTION	
COMPONENT	MATERIAL SPECIFICATION
Drive Station Frame	304 Stainless Steel enclosure
Physical Safety Enclosure	304 SS frame with Polycarbonate
Shell	316 Stainless Steel
Shell Gaskets and Oring	White Nitrile Rubber and Buna-N-Rubber, FDA Approved
Pin Intensifier Bars	316 Stainless Steel
IFT-N-Blend Assembly	316 Stainless Steel