

TrueBlend™

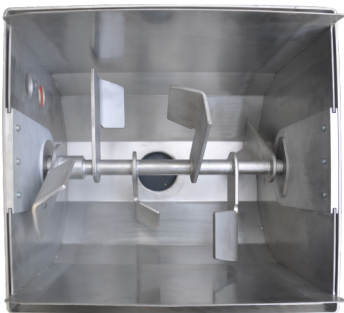
TB - Series



SB-2 Control

Unique Features

- Spot-on accuracy - blend accuracy to ½ of 1%
- Repeatable, consistent performance job to job
- Simple to use touch screen controls
- Quick recall recipes gives repeatability you need
- Improved accuracy on lower dosing percentages
- Fast accurate response times
- Enhanced algorithms provide better weight reading accuracy
- Diagnostic screen displays target set-point percentage and actual percentage dispensed
- Precision ratio control - all components
- Instantly see your materials usage
- Set and save 1000 different recipes
- Simple component setup
- Three different levels of password protection
- Full color graphics aid usability
- A completely sealed, welded steel chassis eliminates pellet leakage



Simple and quick cleanout

Easy access to all material contact points for fast and safe cleaning during color or resin changes. Material compartment access doors, removable weigh bin, mix agitator and mix chamber liner allow quick efficient cleaning.



Optional floor stand design

Blender installs easily to this floor stand, which is equipped with a material reservoir.

Each blender stand features:

- Sturdy design
- Easy cleanout
- Fork-lift provisions
- Drawer magnet provision
- One standard material take away tube (up to two additional material tubes are available as options)

Options



TB reports

Used to track and document material usage, alarms, batch and shift reports and recipes.



Material level alarm control

Eliminate costly material shortage problems and machine downtime with this early warning system. The control monitors up to six material levels at one blender. Individual switches can be adjusted to monitor high or low material levels.



Drain chute

The material drain chute readily installs to the chassis opening of the blender for fast and simple cleanout.



Minor component flow restrictor

Available with TB/TBA/TBH models 100, 250, 500, 900 on bin positions three and/or four (generally used when feeding 1% or less of an ingredient).



Air blow-off for mix chamber level sensor

This feature is integrated into the blender mix chamber to blow excessive dust and fines away from the sensing device and ensure accurate level sensor reading.



Remote mixer demand sensor

This sensor provides a fill-to-level option in a surge bin or other material receptacle that sits below a remote mounted blender.



TrueBlend™ high-heat models

Used to process high temperature plastics such as ABS, nylon, polycarbonate and PET resins. Available in medium temperature (160° - 250°F [71° - 121°C]) TBA models and high temperature (250° - 375°F [121° - 191°C]) TBH models.



Dry air blanket

This option blankets the material compartments and mixing chamber with hot dry air to prevent moisture regain during processing. Available on both the TBA and TBH models.

Technical Specifications

Model	TB45-4	TB100-4	TB250R-4	TB250-4	TB250-6	TB500-4	TB500-6	TB900-4	TB900-6
Batch size (g)	450	1000	2500	2500	2500	5000	5000	9000	9000
Max. throughput rate (kg/hr) *	79	181	386	431	340	680	522	1588	1270
Bin capacity-major ingredient (liter)	5.7	17	45	45	76	76	76	125	125
Bin capacity-minor ingredient (liter)	5.7	8	8	45	40	76	38	125	62
Maximum number of materials	4	4	4	4	6	4	6	4	6
Number/size of major bin valves	2-(40 mm)	2-(60 mm)	2-(60 mm)	2-(60 mm)	2-(60 mm)	2-(100/60 mm)	2-(100/60 mm)	2-(100 mm)	2-(100 mm)
Number/size of minor bin valves	2-(20 mm)	2-(20 mm)	2-(20 mm)	2-(30 mm)	4-(30 mm)	2-(30 mm)	4-(30 mm)	2-(60 mm)	4-(60 mm)
Supply voltage (hz)	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50	220 / 50
Height (mm)	785	1145	1461	1461	1600	1600	1600	1896	1896
Width (mm)	600	769	926	926	1026	1026	1026	1229	1229
Depth (mm)	655	809	988	1037	1084	1092	1092	1296	1296
Weight (kg)	90	100	180	195	204	198	208	285	300

● We also have high throughput models such as TB1800, TB2500 and TB3200.
All specifications are subject to change without prior notice.

* Maximum throughput are based on 0.56 grams / CC pelletized material, using all standard valve size.
● High heat application blender is also available.

Joint Venture with The Conair Group, USA
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(An ISO 9001:2015 Certified Organization)

Nu-Vu Conair Pvt. Ltd.

Plot No. 147, 148 & 154, Devraj Industrial Park, Piplaj-Pirana Road, Piplaj, Ahmedabad - 382405, Gujarat, India
☎ +91 79 2970 8147 | ☎ +91 97129 28201, +91 90990 76206
✉ marketingindia@conairgroup.com | 🌐 www.conairgroup.com/india
f www.facebook.com/nuvuconair