

Whatever your blending requirements, **ORBIS MACHINERY, LLC** has the blending solution to fit your process!

Blending in its simplest form is the combining of two or more materials to produce a homogeneous mixture. Normal tumble blending of free-flowing materials provides a gentle mixing action.

CONE BLENDERS

Orbis Machinery, LLC cone blenders consist of two cones welded to a cylindrical center section that provides a gentle, low shear tumble action of the product. Cone blending also results in a high degree of particle mobility without the use of internal baffles. Cone blenders have proven successful in a wide variety of industries, offering greater overall volume and high efficiency with blend variations of 2% or less. We offer both a 45° and 60° cone version.

DESIGN OPTIONS

- Operator/Control Panels
- Explosion Proof Motors & Drives
- Brake Motors
- Pneumatic Valves & Interlocks
- Sampling Covers
- ASME Code Stamped Jackets
- Polished Finishes
- Internal Coating
- Containment Systems
- Indexing Systems
- Load Cells
- Exotic Alloy Contact Parts
- C.I.P. Systems
- Drum Loading Systems
- Vibration Devices to assist discharging

STANDARD FEATURES

- Standard Designs for Material Densities up to 250 lbs./ft³
- 0.25 to 400 Cubic Foot Working Capacities
- 304 or 316 Stainless Steel or Carbon Steel Construction
- 230/460 VOLTS, 3PH, 60HZ
- 120/230 VOLTS, 1PH, 60HZ available on smaller models



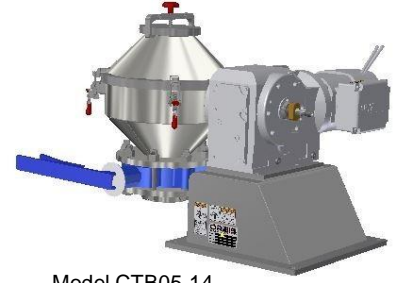
Model CTB10-37



Model CTB025-11 Shown



Model CTB025-11 Split Body Shown



Model CTB05-14
Split Body Shown

MODELS	Working Volume	Total Volume	Diameter	Rotational Speed	HP	Hatch Diameter	Discharge Diameter
	65% of Total Volume	Cubic Feet	Center Ban Inches	RPM	Based on 60 LBS/CUFT	Inches	Inches
CTB025-11	0.25	0.39	11	30	1/4	4	4
CTB05-14	0.5	0.77	14	28	1/4	4	4
CTB1-17	1	1.54	17	22	1/4	8	6
CTB3-25	3	4.66	25	19	1/2	8	6
CTB6-31	6	9.26	31	18	3/4	8	6
CTB10-37	10	15.34	37	16	1	10	8
CTB15-43	15	23.14	43	16	2	14	8
CTB20-47	20	30.82	47	14	3	16	8
CTB30-53	30	46.25	53	13	3	16	8
CTB40-59	40	61.62	59	12	5	16	8
CTB50-63	50	76.69	63	11	7.5	16	10
CTB75-73	75	115.47	73	11	10	16	10
CTB100-80	100	153.85	80	10	15	16	12
CTB125-86	125	192.44	86	9	15	18	12
CTB150-92	150	230.89	92	9	20	18	12
CTB200-101	200	308.53	101	8	30	18	12
CTB250-109	250	384.63	109	8	30	18	12
CTB300-115	300	462.77	115	8	40	18	12
CTB350-121	350	538.39	121	8	40	24	12
CTB400-127	400	616.88	127	7	20	24	16

V-Shape Blenders also available:

With the **ORBIS MACHINERY, LLC** V-shape blender the blend is achieved by the constant rolling action of the classic tumble blender. Each leg of the V-shape shell works independently to efficiently achieve a uniform blend. This precise mixing action results in blend variations of 2% or less. Each cylindrical leg has an access cover for easy material loading and cleaning.