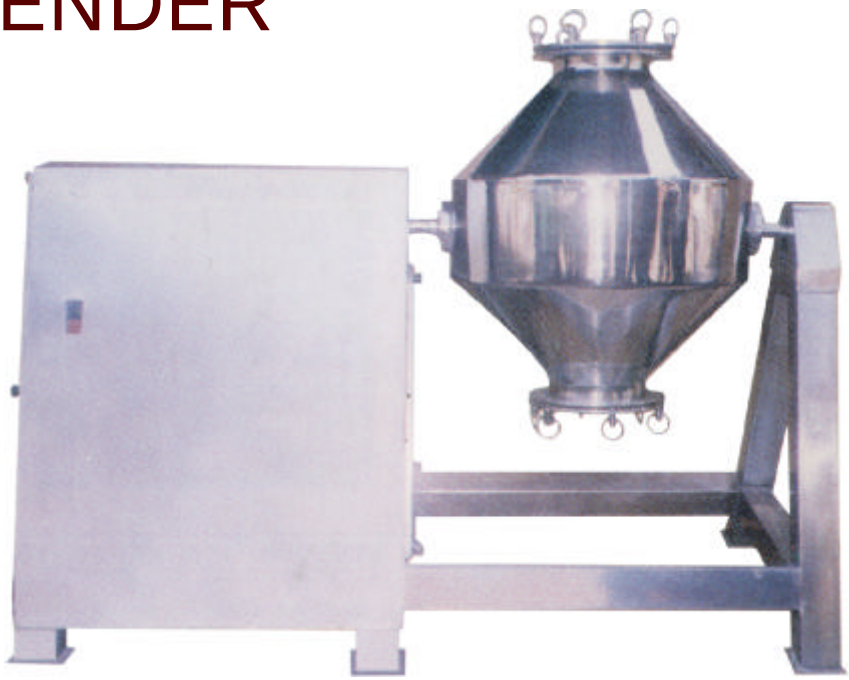
DOUBLE CONE BLENDER

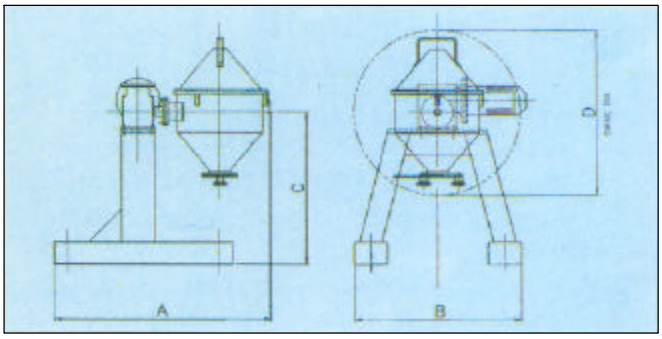


Our machines can be used for powders, granules and materials including ceramics, chemicals, colour detergents, breakfast cereals, food product, spices, metal powders, plastics, agrochemicals, pharmaceuticals, and most process applications.

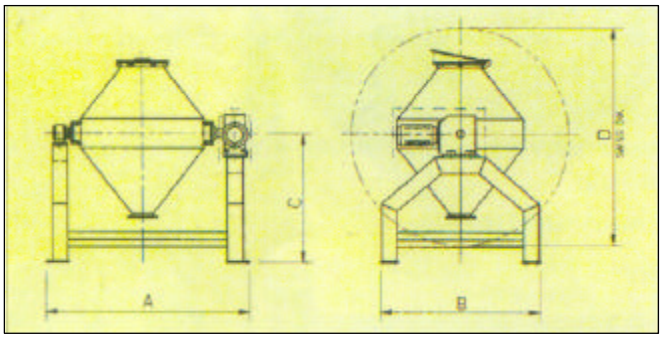
Specifications

Lab Model: DC-1 to DC-85

- Double cone: Fabricated in stainless steel, polished on the inside and with polished, painted or glass beaded exterior finish. The top section of the cone is held by quick release clamps for easy filling, inspection of the mix and thorough cleaning. The complete cone can be removed from the drive shaft for sterilization etc.
- Cone interchangeability: Models are designed so that alternative cones can be easily fitted. This is useful where expensive or rare materials are being used and gives the flexibility to study mixing efficiencies in cones of different capacities.
- Drive: For Model DCl is from 80w DC geared motor with speed controller to give variable speed cone rotation from 2 - 42 RPM, Drive for Models DC1to DC85 is from TEFC worm geared motor with separate-on-line starter and inch button (single speed)
- Outlet: Either a hand operated butterfly valve or a diaphragm valve.



Production Model: DC-140 to DC-5000



- **Double cone:** Heavy construction, fabricated in either mild steel, shot blasted internally or stainless steel, glass beaded internally. Both are painted externally. Polished models and internal deflector plates are an optional extra.
- **Bearings:** Ball race plummer block type, mounted on robust mild steel supports. Different supports can be supplied to suit most plant types.
- **Drive:** For Models DC140 to DC1400, the drive is from shaft mounted Helical worm-geared TEFC motor with brake and separate direct-on-line starter and inch button. Drive for model DC2000 to DC5000 is either as above or form TEFC motor driving via an electromagnetic brake and worm reduction gearbox and spur gears to shaft of the Double Cone, depending on application.
- **Inlet:** Through the top of the cone through a flanged hole with hinged cover secured by hand nuts.
- **Outlet:** Through a hand operated butterfly valve or diaphragm valve. Pneumatic and other types of valve can be fitted as required.

Technical Details

Model	DC12	DC20	DC40	DC55	DC85	DC140	DC170	DC360	DC500	DC850	DC1000	DC1400	DC2000	DC3000	DC4000	DC5000
AproxWorking Capacity(litres)	12	20	40	55	85	140	170	360	500	850	1000	1400	2000	3000	4000	5000
Conedia (mm)	303	360	454	514	610	700	754	1054	1184	1350	1501	1673	1828	2126	2336	2576
Std.DrivingMotor KW	0.37	0.37	0.37	0.55	0.55	0.75	1	2	3	5.5	5.5	7.5	7.5	10	10	15
A (mm)	785	900	940	1200	1295	1450	1500	1930	2100	2300	2745	2920	3700	4250	4460	4760
B (mm)	600	600	600	850	820	920	970	1470	1420	1720	1930	2100	1850	2650	2800	3000
C (mm)	550	550	550	900	900	950	950	1000	1220	1370	1525	1625	1525	1710	1910	2010
D (mm)	600	620	800	900	1000	1250	1375	1700	1885	2075	2200	2440	2810	3220	3620	3820

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