



# Conical Finishers

## Applications

The Conical Finisher is a versatile alternative to conventional mills. It handles even difficult product such as sticky or heat sensitive materials without difficulty.

- **Dry mixing/dispersion** breaks up and disperses lumpy ingredients such as fatty or heat sensitive products or prills back into dry “mix”
- **De-agglomeration** returns agglomerated clumps back to original single particles
- **Dry milling** achieves particle size reduction for a desired particle size and range
- **Wetted material reduction** allows increases in drying efficiencies delivering declumped wetted “powders” or filter cakes of small uniform size.



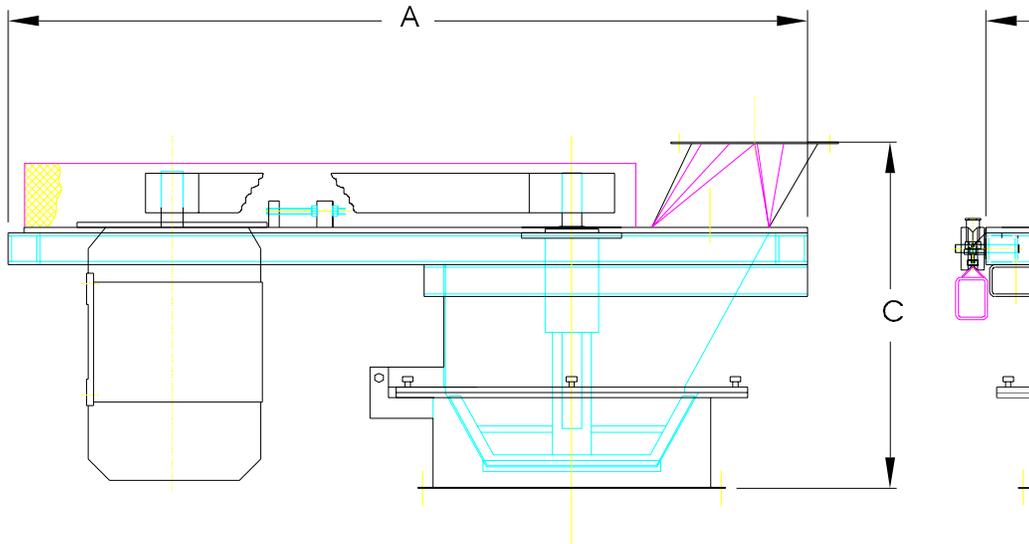
## Working Principle

Conical Finishers achieve size reduction through repeated delivery of the product to the area between the impeller arms and conical shaped screen.

Selection of screens with a suitable hole diameter, screen shape and spacing together with impellers of different geometry and rotational velocities determine centrifugal acceleration forces and residence times.

# General Arrangement & Sizes

5/99 Printed in the U.S.A. Subject to changes



Capacities and dimensions are approximate and may change with each application.

Model	Capacity		Power	Screen Diameter	Dimensions (Inches/cm)		
	lb/hr	kg/hr			A	B	C
CF-120	1,000-15,000	450 - 6,800	10/7.5	12/30	57/145	27/69	27/69
CF-180	5,000-20,000	2,275-9,090	15/11.2	18/45	66/168	31/79	29/74
CF-240	10,000-30,000	4,500-13,600	20/15	24/61	75/191	35/89	32/81

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