

barrows II

VIBRACOOOL



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The Vibracool is a Spiral Elevator that assists in the cooling, separation and drying of hot rubber blanks produced on a Barwell Preformer, this is achieved by a combination of spraying a cold liquid and then blasting cold air.

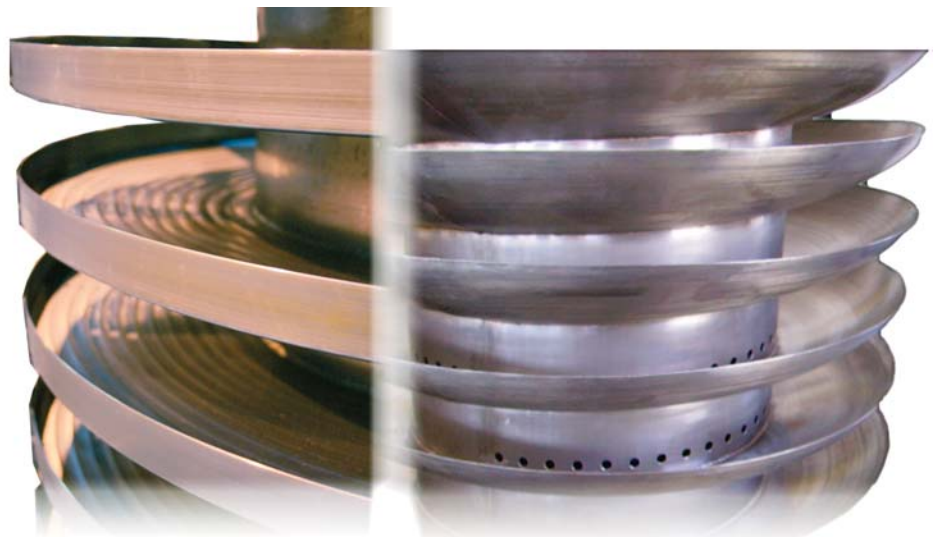
By allowing the rubber blanks to travel over 40 meters in distance whilst in perpetual motion it prevents them from sticking together, by using the Vibracools air blower system it also reduces the blank's surface temperature and dry's the rubber parts before leaving through the top exit chute.



The Vibracool is easy to use and reduces the amount of both time and space needed for any other method of separation / cooling.

This unique design allows for the hot rubber blanks to be transported a distance of 40 meters while only having a footprint size of approximately 1 meter square.

If a liquid release agent cannot be used we can offer as an alternative a chiller unit so that very cold air can be blown onto the rubber blanks for rapid cooling.



There are three Vibracools in this range.

THE CURVED FLIGHT VIBRACOOOL

is suited for a number of different size solid preforms, pellets and strip. This unit is designed to cool with water and air, since it has no covers it is not suitable for chilled air cooling. A variable speed controller can allow larger blanks to progress up the vibracool slower for additional cooling. Small thin preforms may stick to the flat surface therefore we would advise the corrugated Vibracool for these applications.

THE CORRUGATED FLIGHT VIBRACOOOL

has a specially designed flight that reduces the amount of fusion between the small pellets or blanks and the flight surface. This Vibracool is recommended for "O" ring production, small to medium size solids, pellets and strip or chord extrusion, it is also recommended for chilled air cooling as it is surrounded by a polycarbonate cover. A variable speed controller allows you to slow down the cooling process for larger preforms.

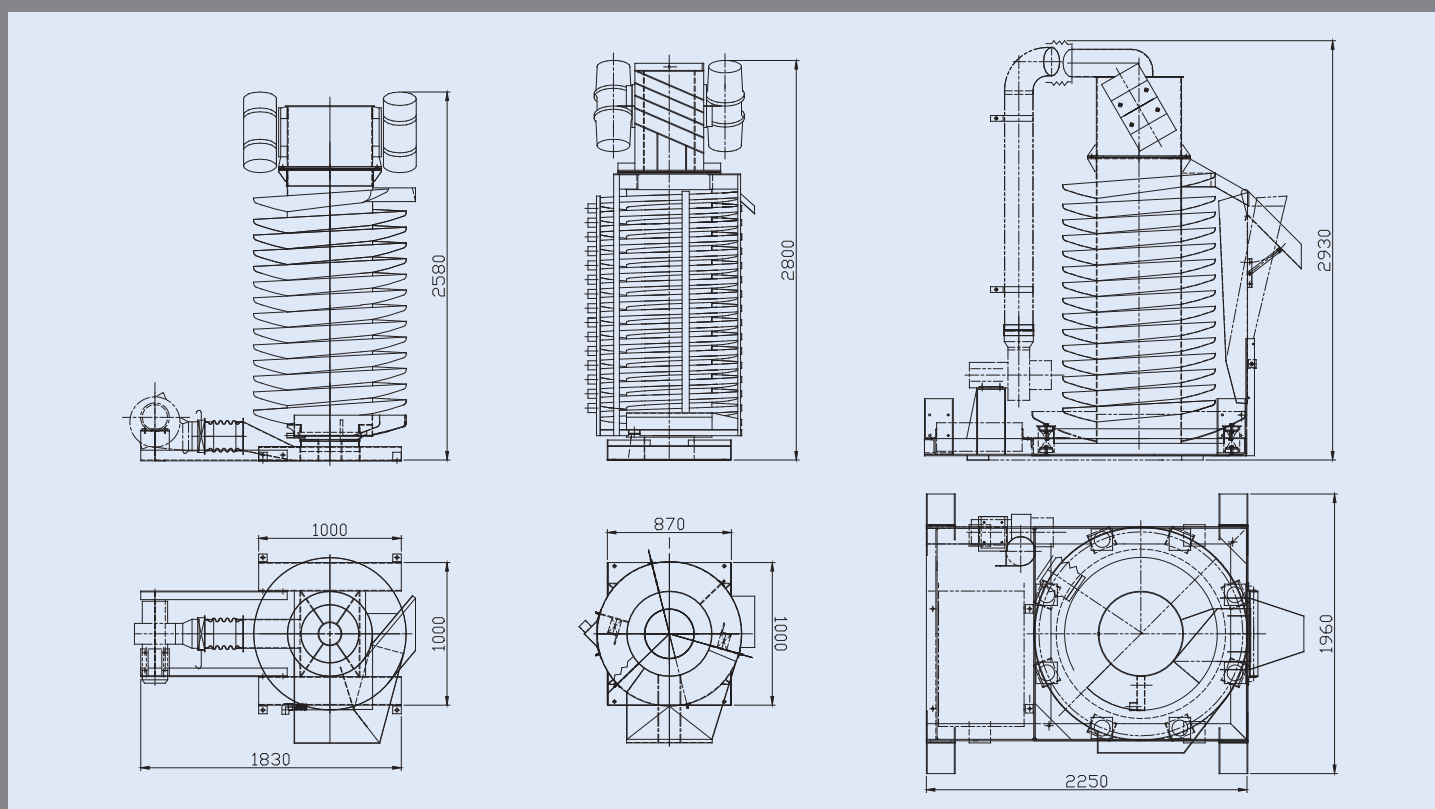
THE BOWL VIBRACOOOL

is designed with a larger fluid reservoir that helps in the cooling and separation of larger preforms such as shoe soles, engine mounts and any other large preform that may need additional cooling. It has an adjustable chute which allows the recycling of blanks and is mounted on a frame with wheels to make it easy to move around the shop floor.

*Shaping the future
of polymer processing*



Technical Data	Curved	Corrugated	Bowl
Length	1000 mm	1000 mm	1960 mm
Width	1900 mm	870 mm	2250 mm
Height	2580 mm	2800 mm	2930 mm
Height of Inlet	320 mm	320 mm	320 mm
Mean Distance Travel	36.6 m	41 ml	40 m
Flight Width	233 mm	205 mm	265 mm
Flight Pitch	110 mm	100 mm	120 mm
Motor Size	2 x 750 w	2 x 750 w	2 x 750 w
Vibration Speeds	30 - 50 Hz	30 - 50 Hz	30 - 50 Hz
Air Cooling Jets	Yes	Yes	Yes
Perspex Cover	No	Yes	No



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