

A BREAKTHROUGH IN CONTROLLED COFFEE DENSIFICATION TO UNPRECEDENTED BULK DENSITY LEVELS



MODEL IMD 999 GRANULIZER WITH MIXER

THE MPE VORTEX

The MPE Vortex Super Densifier* design can increase density levels to twice the previously achievable range with less than half the temperature rise and energy consumption.

The Vortex Super Densifier achieves these previously unattainable densities through an R and D-derived breakthrough configuration, which optimizes densifier speeds for specific coffees and density levels, and allows for precision density control of both high and low density coffees in one machine.

*World Patents Pending

Density vs. Temperature & Resonance Time 47.0 **Previous Density Limit** Standard Densifier 42.0 Low Density High Temperature Super Densifier ΰ atrice 37.0 New Density Limit Coffee Temper 32.0 High Density Low Temperature 27.0 22.0 290 300 310 320 330 360 370 390 400 280 340 350 380 Density (g/L)

This graph shows the higher achievable densities while preserving product quality through reduced resonance time and temperatures.

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