GPK300 Imploder

The GPK300 Imploder offers high capacity, convenient processing rotor speed, and recirculation settings may be controlled to achieve specific Particle Size Distribution (PSD). The Implosion process is designed to cause momentary vibration in vitreous materials such as glass, ceramic, slag, flux and other similar minerals. The Imploder's unique process capability ensure the target vitreous materials are size reduced without impacting on non vitreous materials. Speed and recirculation tolerances can be altered to accommodate different sizes and particle distribution.

The GPK300 Imploder is designed to be fed by forklift container, belt conveyor, or coupled to a bespoke bin lift. Its integrated vibrating feed tray distributes the glass to the Imploder. Its stand-alone design, low noise and high processing speed make it ideal for commercial applications where consistency is required. Dust can be controlled with a dust filtration system. Processed glass is collected in Bulk Bags, IBCs or a conveyor. A rear hinged inspection and maintenance door provides adequate and safe access to the feed chamber and removable covers for the Imploder. To assist in maintenance the feed chamber can be easily rotated forward after removal of the four safety covers. Minimal electrical connections are required with most pre-wired at the factory. A protective coating of zinc phosphate primer followed by polyurethane powder coating offer long service life.

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Information

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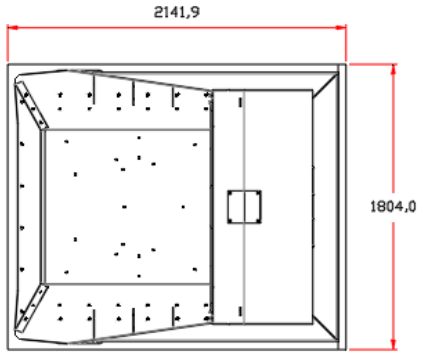

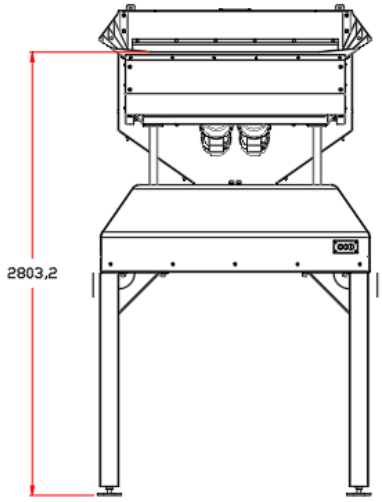

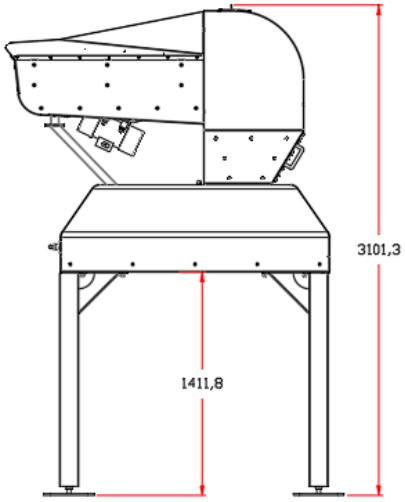

Voltage: 380/415v 3ph 50Hz

Power: *1x* 7.5kW (7.5hp)

2x 0.53kW (0.71hp)

Safety: Brush & rubber feed curtain

Protection: Auto reject mechanism

Adjustable spring tensioner

Capacity: Up to 4t/hr

Adjustment: Up to 100mm

Option: Dust extraction systems

Rotation detect: Visual

Drive: 3x V belt

Process tips: Tungsten tipped

Rotor speed: 1450-2600rpm

Wear plates: Abro 500

Cullet range: (1) +/-80% 8-40mm

(2) +/- 50% <2mm 50% 5-35mm

(3) +/- 95% <2mm

Paint: Zinc phosphate & Polyurethane powder coat

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