

GPK300SP



SAND PRODUCTION PLANT

Krysteline

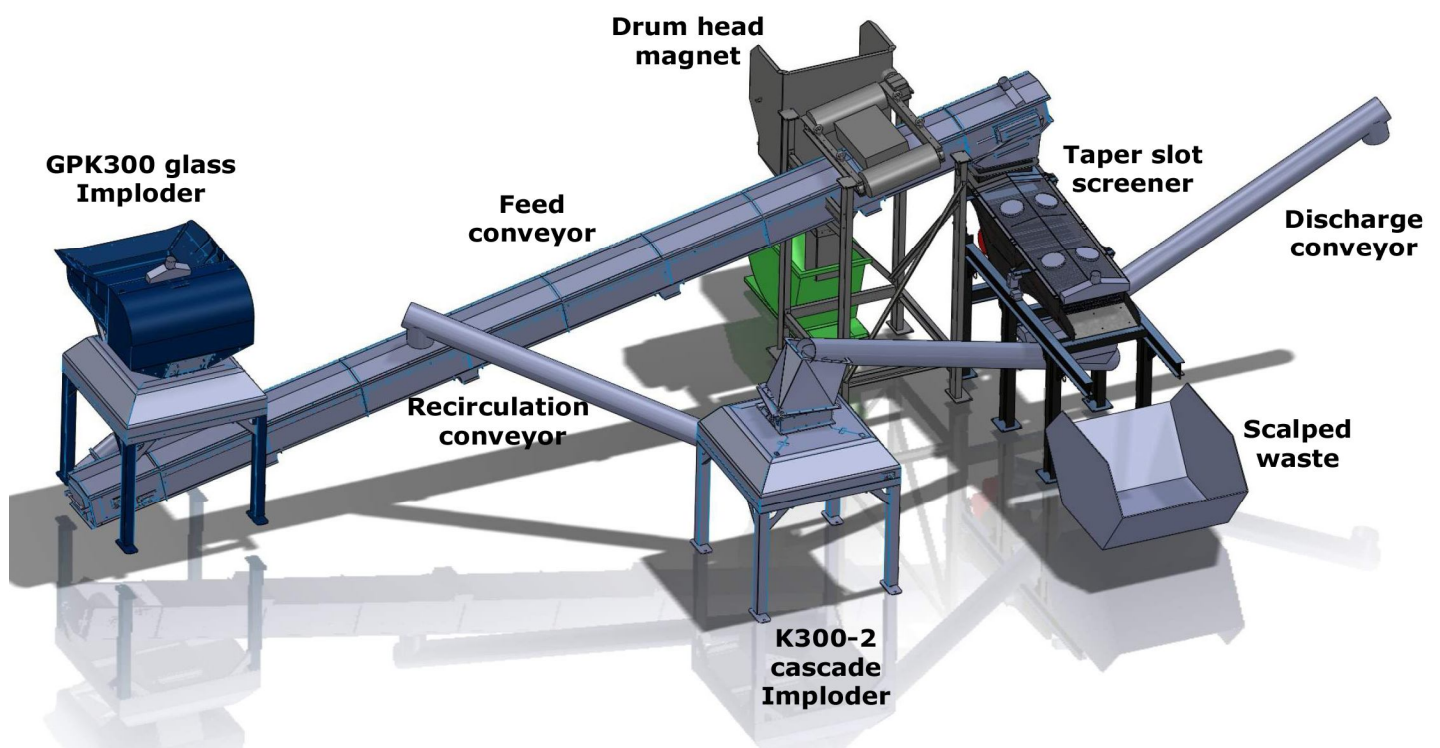
Krysteline is a supplier of advanced glass processing technology and the inventors of the revolutionary glass Implosion system. The Imploder's unique but simple operation efficiently transforms glass into sharp free particles in a single process. Due to the Imploders inherent reliability and low power consumption they have been supplied to a large number of customers around the world from remote Island communities to turn glass into sand and grit for construction; to pharmaceutical companies to process and dewater liquid from sealed glass containers; CRT recycling companies to transform co-mingled feedstock into sand and MRF operators install Imploders to remove glass from co-mingled feed stock.

The GPK300-Sand Production

The standard GPK300 Imploder uses a mechanical resonance transfer process to create sharp free glass. Its integrated vibratory feed tray delivers glass to the feed chamber at a controlled rate where the Implosion process targets the glass element of the feedstock reducing it to a predefined size. The drumhead magnet and taper slot screener remove any ferrous metals from the feedstock and any oversize material from the initial Implosion process it is then re-circulated via a mini cascade Imploder to further reduce the glass particle size. The GPK300SP's versatility allows the customer to define what product size they intend to produce.

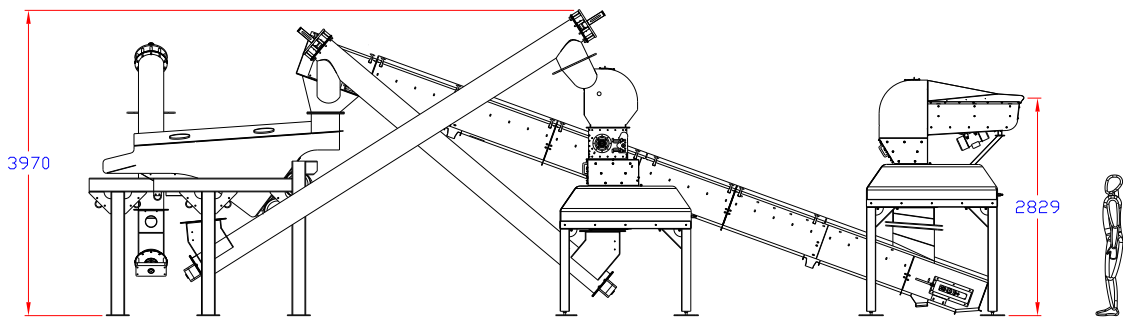
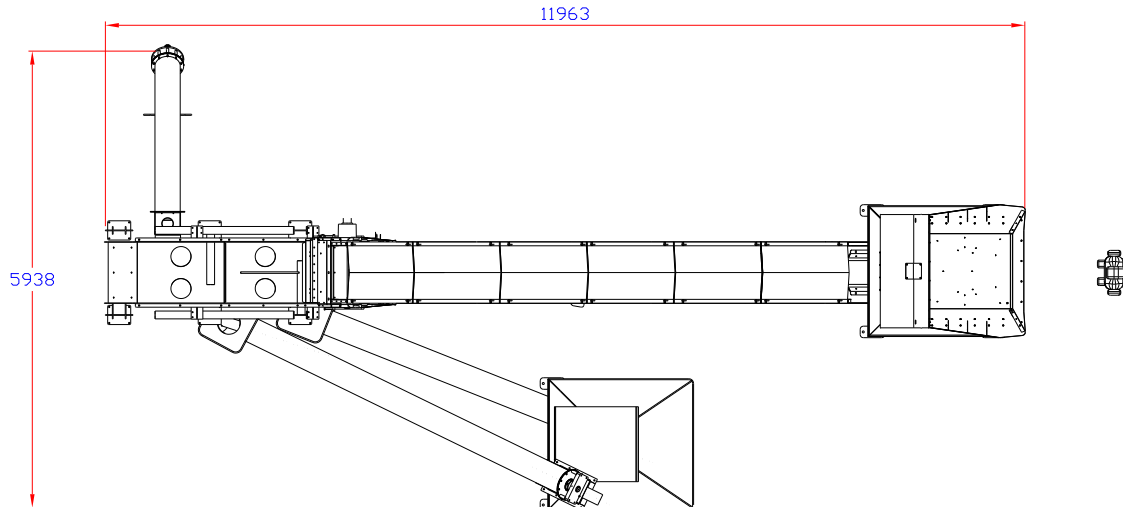
Benefits

The GPK300SP transforms waste glass into safe and sharp free glass sand in a single continuous operation. It's compact, adaptable and modular design provides a cost effective solution for sand and grit production. Where readily available aggregates and a disposal of waste glass is required. With its 1m³ feed hopper the GPK300SP is ideal for bulk feeding or continuous operation and can process up to 6 tonnes an hour of safe, sharp free glass sand, whilst continuously removing the majority of contaminated materials.



Technical Specification

Dimensions



Features

- Produces sharp free glass in a variety of sizes
- Modest footprint
- Modular design
- Low Power (31kW)
- Low wear
- Limited servicing requirement
- Taper slot screener removes the majority of waste material
- K300-2 cascade Imploder ensures all glass is reduced to correct size on one pass.
- Throughput capacity up to 6000kg/hr (dependent on feedstock type and contamination levels)
- Mechanical reject safety system helps protect Imploder
- Versatile; able to process container, window (non laminated) and CRT glass.

Krysteline

26 Thorne Way, Three Legged Cross,
Wimborne, Dorset BH21 6FB
Tel: +44 (0)8706 000033
Email: sales@krysteline.com
www.krysteline.com

GPK300SP

SAND PRODUCTION PLANT