

Xtruder[®]

Model EXDS-100G For Radial Extrusion



LCI's Xtruder is a production scale twin screw extruder, which converts wetted powders into pellets of a controlled size and shape ideally suited for spheronization.

Features

- Low pressure extrusion with negligible heat generation
- Radial screen discharge for increased capacity
- Screw transport ensures plug flow, first in first out
- Capable of producing 50 - 200 kg/hr
- Capable of producing 0.6 to 1.2 mm diameter extrudates
- 316 SS GMP design with high polish finish
- 7.5 hp inverter duty motor in 460 VAC/3/60
- Integrated controls on articulating arm / integrated electrical panel

Operation

Twin transport screws convey the wet mix from the feed hopper to the extrusion zone. Tapered extrusion blades discharge the material through a radial screen, producing well formed, cylindrical extrudates of a controlled diameter. The extrudates break off by their own weight and are collected for the next processing step.

LCI Corporation is the exclusive distributor for Fuji Paudal Company, Ltd. in the Americas.

Integrated controls are mounted on an articulating arm.



Xtruder EXDS 100G (shown in mm)

Weight: 800kg

