

Radial Xtruder[®]



Model EXD-180

Flat Bed Style Large Scale Production Extruder

TECHNICAL BULLETIN

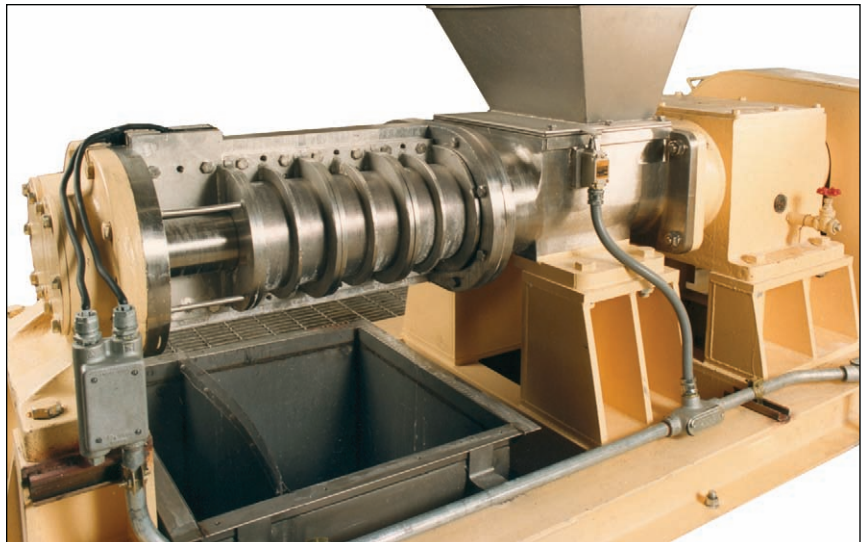
LCI's EXD-180 Radial Extruder is a large scale production scale twin screw extruder that converts wetted powders into pellets of controlled size and shape.

Features

- Radial extrudate discharge
- 500 - 1200 kg/hr extrusion rate
- Screen sizes capable of producing 0.5 to 2.0 mm diameter extrudates
- Screw transport ensures plug flow operation, first in first out
- Twin 180 mm diameter screws
- Choice of extrusion screws to suit process
- Variable shaft rotation speed
- 30 hp inverter duty motor in 460VAC/3 Phase/60hz
- Product contact parts in 304 stainless steel
- Flat bed style for mounting on floor or platform
- Separate control panel

Operation

The wet mixture is separately prepared, typically using a kneader or a pug mixer (available from LCI), and metered into the feed hopper. Twin screws transport the wet material to the extrusion zone where it is wiped through perforated screens by tapered extrusion blades to produce well formed cylindrical extrudates of a controlled diameter. 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.

Xtruder EXD-180 (shown in mm)

Weight: 4000 kg

