

WRP-12i In-Line Pelletizer

New Pelletizing
Technology for:

RECLAIM
MASTERBATCH
COMPOUNDING



Benefits

- Uniform polymer flow to die plate
- Lower inlet pressure = increased rates
- Rapid blade and die plate removal
- Fast color changes
- Easy clean-out
- Simple start-up and operation
- Improved pellet dryness
- Easy dryer access and cleanability
- Insensitive to process variations

Features

- In-line cutter geometry
- Retractable cutter head design
- Open water trough
- New cylindrical pellet dryer
- Integral dryer blower
- Fully interlocked control system
- Independent pellet cut

Xaloy's water ring pelletizer connects directly to the end of the extruder, Xaloy Screen Changer or Melt Pump via a short coupled adapter allowing polymer to flow horizontally from the extruder to the in-line die plate.

The rheologically optimized design minimizes polymer inventory between the extruder and die plate and evenly distributes polymer flow to each die plate hole.

The result is a consistently uniform pellet.

Reclaim, masterbatch, and compounders will benefit by improved pellet quality during both short and extended production runs.

The in-line design reduces inlet pressures which can allow for increased production rates. Polymer purges quickly through the in-line die plate for quick color changes, which maximize production time.

The retractable cutter head allows quick access to change blades and remove die plates for cleaning or screw removal.

An open trough cooling system allows easy operator response to process changes.

A new cylindrical pellet dryer provides improved 360° access to dryer rotor for cleaning and pellet

removal. Pellet flow through the dryer is streamlined to eliminate pellet stagnation and promote efficient pellet drying. An integral dryer blower exchanges dryer air 50 times per minute to provide improved pellet dryness.

www.xaloy.com

XALOY

every pellet knows our name™

EXTRUSION

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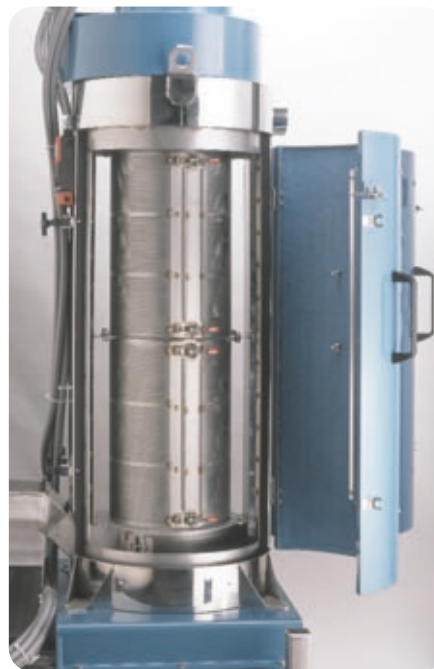
Specifications

Model Description

Nominal Rate LB/HR (KG/HR)	1800 (816)
Max. Operating Pressure PSI (Bar)	3000 (207)
Max. Operating Temperature °F (°C)	600 (315)
Cutter Motor HP	3
Pump Motor HP	3
Dryer Motor HP	3
Die Plate Heater KW	5.5
Max. Cutter RPM	3600
Circulating Water Flow GPM (L/Min)	135 (511)
Temperature Zones	1
Weight LBS (KG)	2200 (998)

Equipment Options

- Automatic Control System
- Adapters
- Custom Stands
- Melt Pump Systems
- Static Mixers
- Pelletizers 35S, 36S
- Cleaning Ovens
- Turn-key System Integration



360° Access for ease of clean out

Our worldwide presence includes sales and service offices located in the United States, Europe, Thailand, Japan, China and India and a global network of agents geographically positioned to serve customers throughout the world.

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