Gala Underwater Pelletizers are used to produce marketable pellets from a wide variety of thermoplastics and elastomers, partially filled plastics, virgin resins, and polymers having low viscosity.

Gala Underwater Pelletizers are used for R&D, pilot operations, virgin resin production, secondary compounding, masterbatch operations, and post-industrial / post-consumer repelletization. There are thousands of Gala systems in the field being used for producing pellets at rates of 2 kg/h to 15,000 kg/h.

ADVANTAGES —

- Easy and simple to clean
- Energy efficient
- Compact, less space required
- Ideal horizontal melt flow; no 90° angles or dead areas
- Designed for various polymers
- Low maintenance
- Low production costs
- Pellet sizes from 0.2 mm to 12.0mm
- Low noise emissions
- Support by 24-hour service

Covered by one or more of U.S. Patents Nos. 5,059,103; 5,265,347; 5,403,176; 5,624,688; 5,638,606; 6,138,375; 6,237,244; 6,332,765; 6,551,087; 6,739,457; 6,793,473; 6,807,748; 6,824,371; 6,925,741; 7,024,794; 7,033,152; 7,157,032; 7,171,762; 7,172,397; 7,318,719; 7,393,484; 7,402,034; 7,421,862; 7,524,179; and pending U.S. patent applications.
Main Components of the Basic Gala Underwater Pelletizing System

1. PELLETIZER Models SLC-7 / MAP-7 / A5-PAC7 with 20 HP motor
   Pellet Rates to 7.000 kg/h, depending on number of extrusion orifices in the Die Plate

2. TEMPERED WATER SYSTEM Model 480-IS,
   Composed of tank 2.725 liters, heat exchangers, water pump with 25 HP motor, valves, flow meter, etc.
   Rate: 5.000 kg/h

3. CENTRIFUGAL DRYER Model 3016DW, 10 HP motor, blower with 1.5 HP motor, agglomerate catcher and pellet diverter valve
   Rate: Up to 6.400 kg/h

4. CONTROL SYSTEM PLC / MMI to control the underwater pelletizing system

Additional Features Available:

Water Box By-Pass System: Model 7—4"
Rate: up to 6.000 kg/h
(not pictured)