

THE EDGE™

competitive

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Economically Designed, Gala Engineered Underwater Pelletizing System

The **EDGE** is a value engineered pelletizing system designed to economically pelletize and dry thermoplastics—polyethylene, polypropylene, polystyrene, flexible PVC, and more.

The **EDGE** is simple and compact, engineered to include the fundamental operational and safety concepts of Gala's more complex underwater pelletizing systems.

The **EDGE** includes a fully functional PLC based control system with touch screen interface, an SLC pelletizer, and a skid mounted Tempered Water System with Dryer.

The **EDGE** is used for pellet rates up to 1.000 kg/h.

The **EDGE** is supplied for 60 Hz, 460 volts. Customer will supply a transformer if necessary.



EDGE 1000 for up to 1.000 kg/h



EDGE 500 for up to 500 kg/h

ADVANTAGES

- Uniform pellet size & geometry = improved melt management
- System capable of pelletizing and drying filled products
- Reduced dust particles & fines generation
- Less floor space required; flexible layouts
- Faster start-up time than a strand line, with less waste and minimum operator attendance required
- Automatic safety shutdown
- Reduced noise, less emissions for safer plant environment
- Less product waste during start-up and operation



FEATURES

Fully functional Siemens based PLC control with rugged touch screen interface, descriptive graphics, and auto-start/auto-stop convenience.

The SLC (Spring Loaded Cutter) Pelletizer features an energy efficient 4.0 kW electric motor, rugged steel construction, economical sealing, custom designed electrically heated die plate, and safety interlock. A simple mechanical clamp adds the convenience of quick and easy attachment to the cutting chamber. The SLC pelletizer operates at low noise levels and needs no operator attendance once started, enhancing the overall safety and labor efficiency of the system.



EDGE 500



EDGE 1000



The tempered water system with Easy Access Dryer is compact and mounted on a single skid. The system features high quality polyurethane finish and robust stainless steel or bronze alloy process contacting components. The closed loop system permits simple compliance with today's typical environmental regulations.

The EDGE Underwater Pelletizing System is compact, robust, economically attractive, and designed for a simple installation. It features the typical rugged construction you expect from GALA and includes state-of-the-art safety features.

The EDGE package includes well-documented operator instructions for easy installation, operation and maintenance, spare parts availability 7 days a week, 24 hours a day, and excellent technical assistance—a feature for which Gala is well-known.

Gala technology is protected, in whole or in part, by one or more issued U.S. and foreign patents, with other domestic and foreign patents pending. Patents include US Patent Nos. 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; 7,267,540; 7,318,719; 7,393,484; 7,402,034; 7,421,802; 7,524,179; and related foreign patents; All logos, trademarks, and service marks (hereafter referred to as "Trademarks") displayed herein whether or not appearing in large print or with or without the trademark symbol are registered and unregistered Trademarks of Gala or of third parties. Gala Trademarks are protected by one or more registered U.S. and foreign trademarks, with other domestic and foreign trademarks pending. All original works of authorship displayed herein is protected under U.S. and other copyright laws. Gala technology may also be protected as trade secrets, mask works or other proprietary rights.

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