GALA UNDERWATER PELLETIZERS

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Gala Underwater Pelletizers are used worldwide for a wide range of applications. There are thousands of Gala systems in the field being used for pelletizing at rates of 2 kg/h - 15,000 kg/h (5 - 33,000 lbs/hr), which demonstrates the strength of this technology and the position of Gala in the worldwide market.

Gala Underwater Pelletizers are used for —

- R & D
- Pilot operations
- Virgin resin production
- Secondary compounding
- Masterbatch operations
- Post-industrial & post-consumer repelletization

These systems are used to produce either standard 3 mm diameter pellets or micropellets from a wide variety of thermoplastics and elastomers, as well as partially filled plastics and virgin resins. Polymers with very low viscosities are successfully pelletized.

Gala pelletizers use field proven die plate technology. Blades are double edged and can be used on both sides. The patented self-aligning cutter hub allows the hub / blades to conform to the plane of the die face to correct any subtle misalignment between the die face and pelletizer shaft.

Gala utilizes a direct coupling concept which eliminates bearing and housing assemblies.

ADVANTAGES OF GALA'S PELLETIZERS

- Easy cleaning
- Energy efficient
- Compact, less space required
- Ideal melt flow direction
- Designed for various polymers
- Low maintenance
- Low production costs
- Pellet sizes from 0.2 mm to 12.0 mm
- Low noise
- Support by 24-hour service worldwide, 365 days a year!

TYPICAL UNDERWATER APPLICATIONS—

- PE, PP, EVA, PS, ABS, SAN, PVC, PET, PBT, PA, CA, EMA, EAA, EPDM, EP, PC, Ionomer, PMMA, POM, PSU, Fluoro-polymers, PVA, Wax, TPU, TPE
- Compounds
- Masterbatch
- Gum Base
- Hot Melt Adhesives (APAO, EVA, PE, APP, Polyester, Poly-amide, TPE, TPU)
- Asphalt
- Toner
- Micropellets

Call for more information or to schedule a lab test with your formulation!

SPRING LOADED PELLETIZER—

The SLC (Spring Loaded Cutter) pelletizer utilizes a spring loaded cutter to adjust blades against the die face. Different springs are provided in order to properly match blade, die, and polymer combinations.

MANUALLY ADJUSTABLE PELLETIZER—

The MAP (manually adjustable pelletizer) employs a manual hand wheel to adjust the blades to the die face. Many complex polymers combined with customer preference have created a demand for this simple and robust design. The operator adjusts blades as necessary. Fine micrometer adjustment provides maximum manual operator control over blade position.

PNEUMATICALLY ADJUSTABLE PELLETIZER—

The PAC (Pneumatically Adjustable Cutter) pelletizer utilizes pneumatic force to adjust the pelletizer blades. Blade adjustments can be accomplished automatically and manually, depending on application requirements. Automatic features include programmable blade sharpening intervals, as well as blade seating and die cleaning intervals. Once operational presets are established, consistent and repeatable running conditions greatly simplify operation. Blade position and length monitoring is available as an option.

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…..focused on equipment design, service, and technology expansion for underwater pelletizing applications worldwide!