Technical Data

Easy Access	ECLN	Pellet Rate lbs/hr kg/hr*	Flake Rate lbs/hr kg/hr*	Maximun Water Rate Gpm M^3/hr
2008 BF	12.1 BF	2,000 1,000		80 18
	12.2 BF	4,000 1,800	400 180	300 68
	12.2 DW	4,000 1,800	400 180	450 102
2016 BF		5,000 2,300	500 230	40 9
	16.2 BF	5,000 2,300	500 230	300 68
2016 DW		5,000 2,300	500 230	300 68
	16.2 DW	5,000 2,300	500 230	450 102
	12.3 BF	10,000 4,500	1,000 450	300 68
	12.3 DW	10,000 4,500	1,000 450	600 136
3016 BF		14,000 6,400	1,400 640	50 11
	16.3 BF	14,000 6,400	1,400 640	300 68
3016 DW		14,000 6,400	1,400 640	450 102
	16.3 DW	14,000 6,400	1,400 640	600 136
3032 BF		22,000 10,000	2,200 1,000	150 34
	32.3 BF	22,000 10,000	2,200 1,000	450 102
3032 DW		22,000 10,000	2,200 1,000	800 182
	32.3 DW	22,000 10,000	2,200 1,000	1,000 227
4032 BF		35,000 16,000	3,500 1,600	200 45
	32.4 BF	35,000 16,000	3,500 1,600	500 114
4032 DW	32.4 DW	35,000 16,000	3,500 1,600	1,350 307
5032 BF		50,000 23,000	5,000 2,300	300 68
	32.5 BF	50,000 23,000	5,000 2,300	550 125
5032 DW	32.5 DW	50,000 23,000	5,000 2,300	1,500 341
5048 BF		75,000 34,000	7,500 3,400	350 79
	48.5 BF	75,000 34,000	7,500 3,400	400 90
5048 DW	48.5 DW	75,0000 34,000	7,500 3,400	3,000 682
6048 BF	48.6 BF	100,000 45,500	10,000 4,500	400 90
6048 DW	48.6 DW	100,000 45,500	10,000 4,500	3,000 682
8064 BF		150,000 68,000	15,000 6,800	400 90
8064 DW		150,000 68,000	15,000 6,800	3,000 682

* Not a direct conversion from pounds per hour.

US patent numbers: 4,218,323; 4,251,198; 4,447,325; 4,500,271; 4,656,015; 4,621,996; 4,728,276; 4,888,990; 4,896,435; 5,059,103; 5,265,347; 5,403,176; 5,624,688; and 5,638,606

Pelletizer Model No.	TWS Model No.	Water Rate Gpm M^3/hr	Pellet Rate lbs/hr *kg/hr	Gala Dryer Model No.
6	TWS-40	40 10	1,000 450	2008 BF
	TWS-80	80 20	2,000 1,000	
7	TWS-140	140 30	3,500 1,800	2016 DW
	TWS-200	200 40	5,000 2,300	
	TWS-280	280 70	7,000 3,000	3016 DW
	TWS-360	360 80	9,000 4,000	
	TWS-480	480 100	12,000 6,000	

Warranty: Gala Industries, Inc. will repair or replace with a similar part, F.O.B. its factory, any part of its manufacture, with the exception of die plates, which within TWO YEARS from shipment date proves defective in material or workmanship. Gala's warranty does not cover equipment failure due to chemical reactions, stress corrosion cracking due to chlorides in the water, or for deterioration of wear parts due to normal use.

One day of lab testing is ***free***.

Call for more information.

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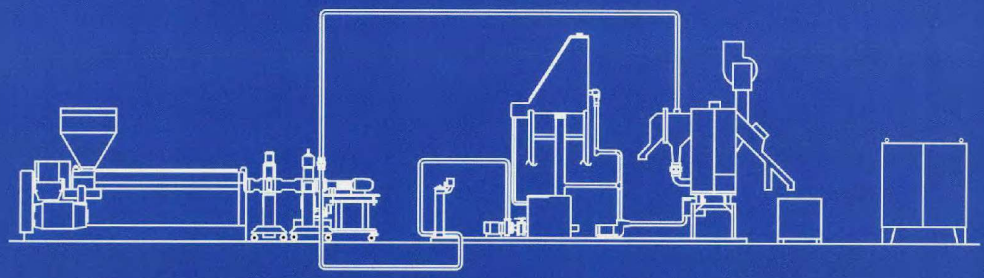


Quality

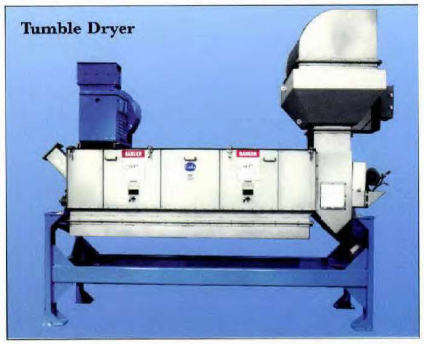
Dryers


ECLN

Gala's Easy-Clean Low Noise Dryer (ECLN) is designed to operate at 80 dBA or less, at 3 feet, processing $^1/_8$" (3mm) in diameter x $^1/_8$" (3mm) long LDPE pellets, with the buyer insulating the pellet outlet and air outlet lines. The innovative, solid, streamline design aids regular cleaning and maintenance, as well as minimizing costly down time between product or color changes. The ECLN is capable of drying up to 100,000 lbs/hr (45,500 kg/hr) depending on the product. For more information request brochure CCD.

The Gala Easy Access Dryer is designed with large hinged doors. These doors allow quick and simple access for cleaning and maintenance. The Easy Access dryer is capable of drying rates to 150,000 lbs/hr (68,000 kg/hr), depending on the product. The noise level of an Easy Access Dryer at 3 feet with $^1/_8$" (3mm) in diameter x $^1/_8$" (3mm) long LDPE pellets is 93 to 95 dBA or less; this can be reduced to 85 dBA with optional low noise modifications and the buyer insulating the pellet outlet and air outlet lines. For more information request brochure CCD.


Easy Access


Tumble Dryer

The Gala Tumble Dryer is designed to process pellets that are too brittle for other drying systems. This dryer is used for final drying of highly filled pellets, pellet or flake cooling, classifying, and drying of recycled flake material. The Tumble Dryer is easy to clean and operate, is quieter, and is subject to less wear when drying highly abrasive materials. Call for more information.

Systems

Complete pelletizing systems include a pelletizer, tempered water system, dryer, electrical control panel, and extruder or melt pump. Gala systems are capable of processing a wide variety of thermoplastic based polymers, including acrylic, nylon, polycarbonate, polyester, polyvinyl chloride, rubber, gum bases, and hot melt adhesives. The systems can produce pellets from 20 to 12,000 lbs/hr (10 to 6,000 kg/hr).

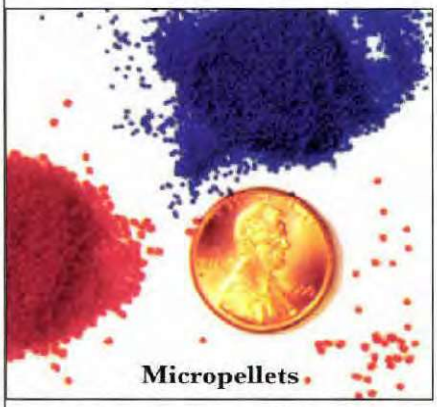
Gala systems are available to produce **micropellets** in many polymers. Pellets can be produced in sizes .020" (0.5mm), and smaller, to .125" (3mm), and larger, depending on the polymer.

Gala systems can be purchased as a complete system or as individual components. Components are suitable for new or existing lines. For more information request brochure UWS.

Gala can provide a complete recycling system, including a separator, to detach paper and debris, washers to remove paper, dirt, and other debris, and dryers to remove excess moisture. Each component contains its own circulating system and is individually skid mounted for easy installation and mobility. The recycling equipment can be purchased as a complete unit or as individual components. For more information request brochure RDS.

Pelletizers

Gala Underwater Pelletizing Systems are used worldwide for scrap recovery, pilot operations, research and development, as well as by processors and compounders. These systems are used to produce standard size pellets or micropellets from a wide variety of thermoplastics and elastomers. They are used to produce pellet rates from 20 to 12,000 lbs/hr (10 to 6,000 kg/hr).


Micropellets

Gala pelletizers are compact, durable, quiet, economical, and energy efficient. The cutter blades are double edged, inexpensive, and easy to replace.

The process water is used to quench and transport the pellets, in a closed loop, from the cutting chamber to the dryer without exposure to the surrounding environment. It minimizes product contamination and water loss. After leaving the dryer, the water is collected, filtered, pressurized, tempered, and circulated.

Gala avoids the use of sharp angles upstream of the die plate. Horizontal polymer flow allows easy access to the die plate and cutter blades.


SLC-6

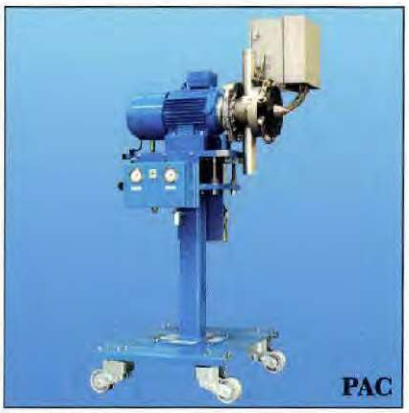
The SLC (Spring Loaded Cutter) pelletizer utilizes a spring-loaded cutter to automatically adjust cutter hub assembly alignment to the die face. The SLC is compact, rugged, economical, and energy efficient; it produces rates up to 6,000 lbs/hr (3,000 kg/hr).

For further information see the specifications on the back of this brochure and request brochure UWS.

Gala's self-aligning cutter hub allows the hub/blades to conform to the plane of the die face correcting any subtle misalignment between the die face and the pelletizer shaft. The self-aligning cutter hub also reduces the amount of pressure needed to keep the blades


Self-aligning Cutter Hub

correctly aligned. With constant accurate alignment and minimum pressure, maximum blade and die face life is assured. The self-aligning hub is attached to the shaft the same way a rigid cutter hub is and can be used on all Gala Underwater Pelletizers including the SLC. Call for more information.

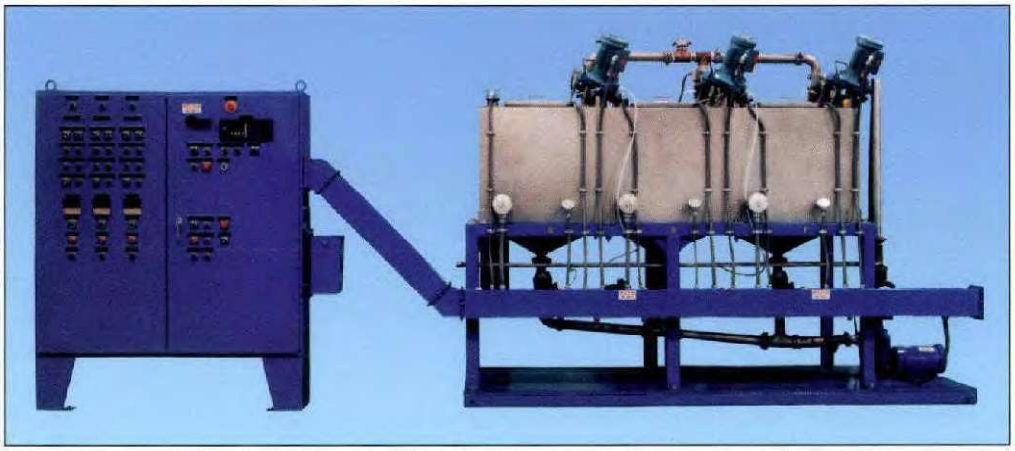

PAC

The design of the PAC (Pneumatically Adjustable Cutter) is similar to that of the standard SLC (Spring Loaded Cutter). The PAC has a spring-loaded blade holder connected with a driven shaft in such a way that it can be shifted in an axial direction. The blades are pressed against the die plate at the optimum pressure for the current operating condition. This allows cutting pressure to be increased during start-up, then decreased to the minimum pressure needed during normal operation.


MODEL 7

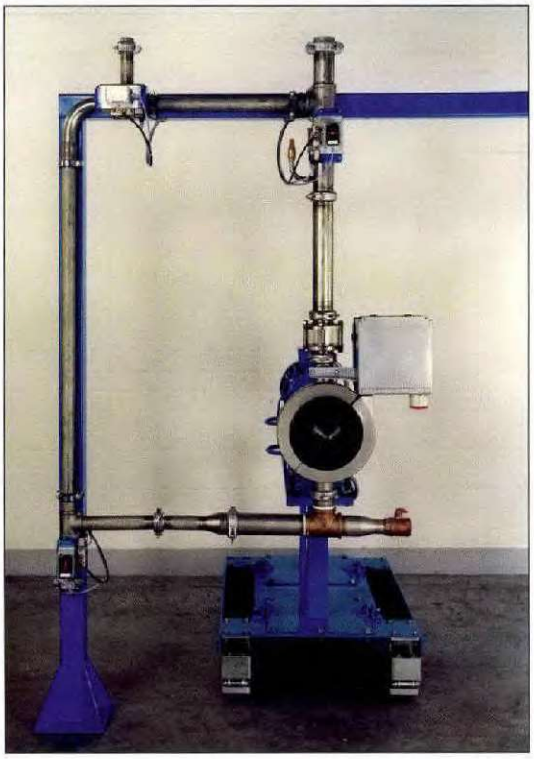
Gala's Model 6 and 7 pelletizers employ a manual hand wheel to adjust the blade to the die face. These models are used to produce pellet rates up to 12,000 lbs/hr (6,000 kg/hr) and are capable of cutting a wide range of polymers - from hot melt adhesives and TPR to polyester and nylon.

AuxiliaryEquipment



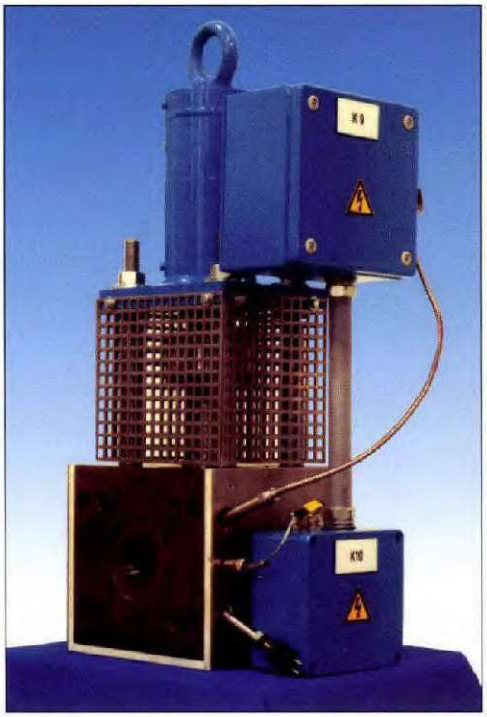
Gala's Crystallization/Cooling System is designed for materials that require a longer residence time in the process water. For more information request brochure CCS.

An Adjustable Spring Loaded Gas Stand allows accurate pelletizer alignment every time. Call for more information.



The Waterbox By-pass System is used to control process water temperature and arrival time in the cutting chamber. For more information request brochure WBBPS.

A Fines Removal Sieve is used to remove foreign matter from the process water. Call for more information.



A Polymer Diverter Valve diverts material from the upstream equipment to allow quick, efficient product changes and/or screen changes. For more information request brochure PDV.