

S3000P PULTRUSION SERIES



Pultrusion Pelletizer
Model 3032

PELLETIZING WITH A FOCUS ON PULTRUSION

The Conair Pultrusion Pelletizers accurately pelletize long fiber pultruded products with relative ease. The robust design and construction have served the industry for many years.

The incorporation of gear adjusted rotor to bedknife mechanism insures cleaner more precise pellets.

PULTRUSION PELLETIZERS WITH REAL PULL

New extrusion technology is helping compounders of long fiber reinforced materials reach faster line speeds. Conair was asked to specifically design a pelletizer for better strand control and improve the pellets shape and cut quality.

Traditionally, pultrusion pelletizers were fed strands by a belt puller only. The new series have been fitted with a front end feedroll mechanism. Coupled with the puller, the feedrolls ensure the strand control necessary for pellet accuracy and quality.

The feedroll section is mounted on a linear slide base for ease of cleaning and maintenance.

Each system is specifically designed based on the number of strands and rate of the polymers being produced.

■ **Cat-a-puller**

Coupled with the pelletizer, a Conair puller, designed specifically for the application, becomes a pultrusion system, not just single components.

■ **Construction**

The pultrusion pelletizer is constructed of stainless steel and is often carbide coated for wear protection in the cutting area.

■ **Adjustment**

The rotor to bedknife clearance, critical for precise cut quality, is set by a unique worm gear mechanism.

■ **Feedrolls**

Driven by a direct ratio gearbox, the 3 inch lower and 5.5 inch upper feedrolls, control the strands for clean and accurate cuts.

SPECIFICATIONS

STRAND PELLETIZING PRODUCTS

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1/8 inch strands of glass-filled product are feeding from a Model 204-36 puller into a Model 3032 Pultrusion Stand Pelletizer. Conair's unique rotor design insures a quality cut at maximum throughputs.



Cutting chamber with eight blade Pultrusion rotor. (Model 3032)

MODELS	3016	3024	3032
Performance characteristics			
Number of 1/8" {3 mm} diameter strands	40	60	60
Number of bolt-on cutting edges	6, 8, 12	6, 8, 12	6, 8, 12
Motor size-variable frequency T.E.F.C. Hp {kW}	30 {22.37}	40 {29.83}	60 {44.74}
Dimensions in. {mm}			
Pelletizer cutting chamber width in. {mm}	16 {406}	24 {610}	32 {812}
Rotor diameter	12 {305}	12 {305}	12 {305}
Feed table width	16 {406}	24 {610}	32 {810}
Upper feedroll-hypalon covered diameter	5.5 {140}	5.5 {140}	5.5 {140}
Lower feedroll-knurled diameter	3 {76}	3 {76}	3 {76}
Feed table height	Customized to meet customer specifications		
Discharge chute height	Customized to meet customer specifications		
Weight lb {kg}			
Shipping	5500 {2495}	5700 {2585}	6700 {3039}

OPTIONS

- Dual drive

SPECIFICATION NOTES:

Specifications may change without notice. Check with a Conair representative for the most current information.