

929-949-989

LARGE CAPACITY WINDERS

FOR PAN PRECURSOR
& MULTIFILAMENT FIBERS

Programmable yarn
tension, bail pressure,
measured length, preset
speed, alarms and
traverse functions.



➤ NOTABLE FEATURES

- ✓ High capacity packages up to 500 kg
- ✓ Step precision winding
- ✓ Heavy-duty pneumatic package push off
- ✓ Supports wet or dry spinning processes
- ✓ Centralized HMI or individual HMI control of process parameters
- ✓ Ethernet port for data retrieval and communication interface
- ✓ Full color HMI touch screen interface. Program available in English, Chinese & other languages
- ✓ Two-deck winder positions controlled and operated independently
- ✓ Heavy-duty steel frame construction provides a rigid, stable winding platform
- ✓ Tension compensated take-up for large tow winding capability
- ✓ Highly accurate electronic programmable digital step precision traverse
- ✓ Each winding position is equipped with high-quality electronics and inverter drives for ease of maintenance and fully independent operation



➤ TECHNICAL SPECIFICATIONS

	PAN Precursor Winder
Frame	929: 2-Deck 949: 2-Deck 989: 1-Deck or 2-Deck
Package Weight (Max.)	929: 150 kg 949: 350 kg 989: 500 kg
Length of Traverse	Up to 800 mm depending on machine model
Package Diameter	Up to 1000 mm
Winding Speed	Up to 450 mpm
Yarn Tension Range	100 g – 10 kg
Contact Pressure	1 – 20 kg
Inner Tube Diameter	For 133 mm or 144 mm ID tubes
Yarn Guide	Various designs available to meet yarn denier and type
Yarn Size	1K-50K PAN, To 150000 den
Dimensions (L x W x H)	929: 1.2 x 1.7 x 2.2 m 949: 1.1 x 2.1 x 2.3 m 989 (1 Deck): 1.5 x 1.9 x 1.9 m 989 (2 Deck): 1.5 x 1.9 x 2.3 m
Power	240–480 VAC, 50/60Hz, 3 Phase

➤ APPLICATIONS

The **929-949-989** is designed to work with:
Polyacrylonitrile (carbon fiber precursor)

Maximum values cannot be combined

Specifications are subject to change without prior notice, due to continuous developments. These are indicative and not binding. Photos may show optional equipment which are not part of the standard supply. For details, refer to the quotation.

130+ YEARS OF WINDING EXCELLENCE

For over 130 years, Leesona has been redefining precision winding with our smart, reliable solutions. We build high-performance, automation-ready winders designed to handle the toughest applications. Trusted in over 50 countries, we back every machine with expert craftsmanship and customer-first service.

At Leesona, you will find precision at every turn.

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