



STALAM
Radio Frequency Equipment

**RF ECO+
series dryers**

RF ECO+ series dryers



Best for yarn packages



STALAM's continuous investments aimed to improve the performance and sustainability of its products led to the development of the new *RF ECO+* series dryers. These highly efficient machines are mostly dedicated to medium and large size dye-houses, to meet their high production capacity requirements with the most favourable productivity/foot-print and productivity/cost ratios.

Having rated power values ranging from 125 kW to 180 kW, the state-of-the-art *RF ECO+* dryers ensure savings in operating costs up to 20% compared to the previous generation RF dryers still available in the market. Powerful, reliable and versatile, the *RF ECO+* series dryers are also Industry 4.0 ready.

Although the *RF ECO+* dryers are designed to deliver high power values, the RF power distribution electrodes have been adequately sized to maintain the lowest possible power density on the product being dried.

Moreover, the innovative air circulation and evacuation systems assist the evaporation process maximizing the moisture removal efficiency while avoiding all dew condensation problems inside the drying tunnel.

The dryers' operation is supervised by CONTROL+, a highly sophisticated yet user-friendly software solution, that makes it simple but accurate and error-free to control all operational parameters like the RF power delivery, the electrodes position and voltage, the treatment time (or the conveyor belt speed), the tunnel temperature, etc. And while doing so, the CONTROL+ system will also make sure that all the machine components and circuitry are in good and safe working conditions, promptly warning the operator if otherwise and providing him with a detailed diagnosis and troubleshooting advices in case of any issue.



Models available

RF power (kW)	PRODUCTION CAPACITY (KG/H)*			DIMENSIONS
	synthetics (acr, pes, ny, etc.)	wool and blends (wo/acr, cot/pes, pes/visc, etc.)	silk, cotton, linen, viscose	L(m) x W(m) x H(m)
125	over 1100	over 450	over 250	9.5 x 2.4 x 3.5
150	over 1200	over 500	over 300	10.5 x 2.4 x 3.7
180	over 1300	over 550	over 350	10.5 x 2.4 x 3.7

* Production capacity may vary depending on product type, loading density, actual moisture content etc. Contact us for specific information about your product.



Established in 1978, STALAM is the world leader in the development, design and manufacture of Radio Frequency (RF) equipment for the drying and thermal processing of raw materials, intermediates and finished industrial products. More than 2300 STALAM machines are in operation in more than 60 countries, having rated output power values ranging from 3 to 450 kW; from the simple, manually operated machine, to the fully automated line complete with computerised control and supervision systems. Exporting more than 95% of its products to the five continents, STALAM provides professional and prompt commercial and technical assistance in all relevant industrial areas throughout the world, thanks to its well-structured sale and servicing organisation.

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