

化纖熱滾筒(導絲滾筒)

Godet Roller



【規格參數】 Specification

尺寸/Dimension	$\Phi 100\sim 450\text{mm} \times L100\sim 460\text{mm}$ $\Phi 400\sim 800\text{mm} \times L700\sim 1500\text{mm}$
溫度/Temperature	100~280°C max 420°C
線速度/Linear Speed	max 5000m/min max 500m/min
表面處理/Surface Treatment	鍍硬鉻/陶瓷/鏡面/鏡面或梨面Hard-chrome plating/Ceramic coating/ mirror finish/mirror/mat finish

【產品描述】 Product Description

合成纖維熱處理滾筒，從航空領域到民用服裝面料，在具有高強度，優良耐熱的化學纖維，獨特質感的新合成纖維的製造工藝中，邊加熱邊拉絲的”熱拉伸”是一個重要的工藝。在該工藝中，感應熱加熱導絲滾筒通過高速旋轉拉伸對纖維進行高精度熱處理，整合分子排列，形成均一結晶。可以加工出質地均勻的高品質材料。

In the thermal drawing process, fibers are drawn at high speeds as heat supplied. This is a key advantage in the production of ultra-strong, highly heat-resistant super fibers and new synthetic fibers with distinctive textures. The induction heating godet roller provides thermal drawing of fiber at high speed with ultra-high precision. This achieves precise molecular orientation, promotes uniform crystallization without distortion, and yields strong, highly uniform materials.

【應用領域】 Main Applications

合成纖維	Synthetic fiber
碳纖維	Carbon fiber
氨綸	Spandex
芳綸	Aramid fiber
棉綸	Nylon fiber
丙綸	Polypropylene fiber
聚酰亞胺	Polyimide fiber
聚苯硫醚纖維	PPS fiber
聚醚醚酮纖維	PEEK fiber
空氣變形紗	Air textured yarn