

UT-1000/100 Carbon Fiber Twister/De-Twister

Features

- Designed specifically to twist carbon fiber and carbon fiber precursors.
- Can also twist a variety of high performance fibers, such as ceramic fibers and fiberglass.
- Special design incorporating rotating contact points prevents damage to fiber during twisting process.
- Unit can be supplied in banks of multiple positions for high volume output.
- Twister can be used as de-twister by using in reverse direction.



Picture shows special cage system to twist carbon fiber



Specifications

	Model UT-1000	Model UT-100
Machine construction	1 spindle or 3 spindle high	1 spindle
Feed bobbin	ID 76mm x L 305mm (standard)	ID 140mm x L 550mm (standard)
Fiber application	Carbon fiber, ceramic fiber, glass fiber, etc.	Carbon fiber, precursor
Feed package	Traverse length: 254mm Max. dia.: 250mm	Traverse length: 500mm Max. dia.: 500mm Max. weight: 100kg
Cage RPM	Max. 1,000 RPM	Max. 130 RPM
Number of twist (TPM)	<u>Cage RPM</u> Unrolling speed (m/min)	
Unrolling speed	Depending on number of twists	
Electrical Device	3 phase, 200/220V, 50/60Hz Variable speed motor (200 W/spindle), cage PRM adjust dial S-Z twist change switch, twist direction display panel	

Please contact Izumi International, Inc. for special requirements