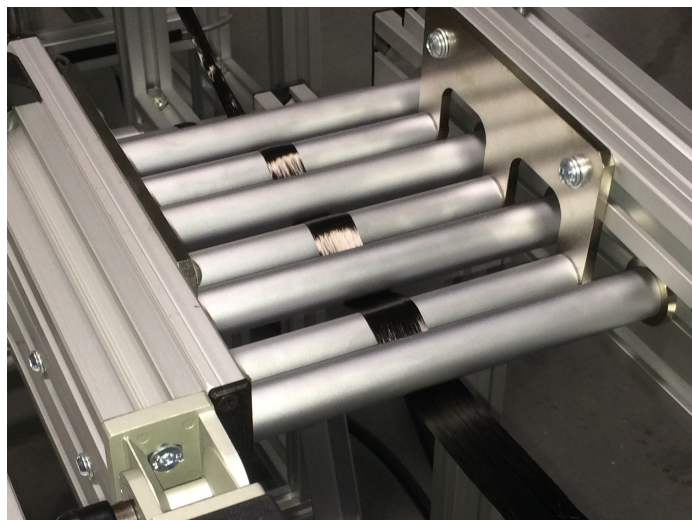


MSD Mechanical Fiber Spreader

Features

- Low cost and easy installation mechanical spreading for carbon fibers and other high performance fibers
- Adjustable angle on spreading bars to allow for different spreading widths
- Hard chrome coating with hemispheric surface structure enables mechanical spreading via stationary bars with minimal filament breakage



Specifications

Number of tows	One to multiple Depends on user requirements
Spreading rollers	Material: Steel with special hard chrome plating Width: Depends on number of tows to be spread
Angle adjustment	Infinite angle adjustment based on spreading requirement Lockable angle via quick adjust knob
Framework	Table-top or self-standing type
Optional items	a) Fiber heating system to loosen sizing prior to spreading (can be equipped with PID temperature control) b) Tension control for precise tensioning during spreading c) Fiber width monitoring during spreading d) Fiber filament breakage detector to monitor fiber damage during spreading

Please contact Izumi International, Inc. for special requirements