

► COMET FILAMENT WINDER

Precise, configurable, fully integrated filament winding system perfect for R&D or production of small to medium arts.

DESCRIPTION:

► SYSTEM FEATURES

The Comet Filament Winder can be easily customized for up to four (4) axes of programmable motion. Standard options include material monitoring, resin pump and dispense equipment, fiber tensioners, creels, resin baths and more.

► SPECIFICATIONS

Programming Control & Software: MVP Multi Axis Control System

Length Between Head & Tail Chuck: Up to 144 in. (3.6 M)

Maximum Part Diameter: Up to 30 in. (762 mm)

Number of Machine Axes: 2, 3 or 4 axis capabilities

Maximum Mandrel Rotational Speed: Up to 150 rpm

Maximum Carriage Traverse Speed: Up to 200 fpm (61 mph)

Carriage Travel Limits: Configurable

Maximum Crossfeed Traverse Speed: Up to 180 fpm (55 mph)

Crossfeed Travel Limits: Configurable. Standard lengths up to 15 in. (381 mm)

Maximum Eye Rotation Speed: Up to 60 rpm

Eye Rotation Travel: Between ± 90 degrees

Maximum Spindle Capacity: Configurable, standard up to 750lbs (340kg)

► OPTIONS

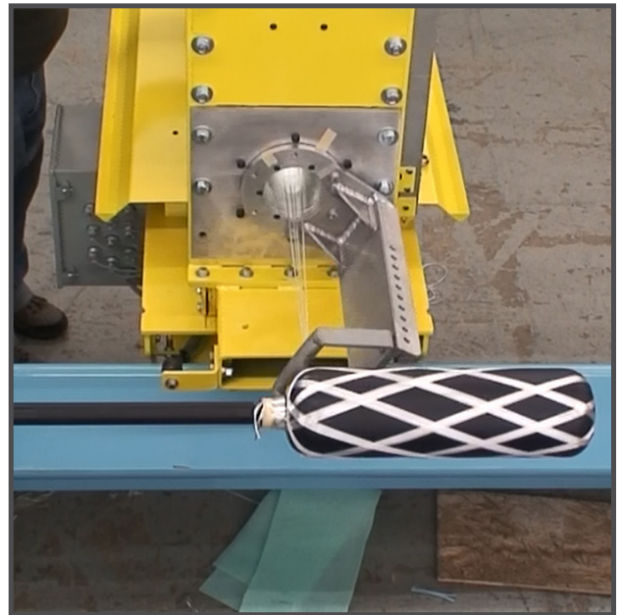
Programming Software: ComposicaD™, CADWIND or CADFIL®

Resin Dispense & Mix Equipment: Epoxy, Polyester, Vinylester, etc.

Fiber Delivery Systems: Wet winding, prepreg, etc.

Fiber Tensioning: Bookshelf, mechanical, electronic tensioning

Material Monitoring: Tracking of resin & fiber usage



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