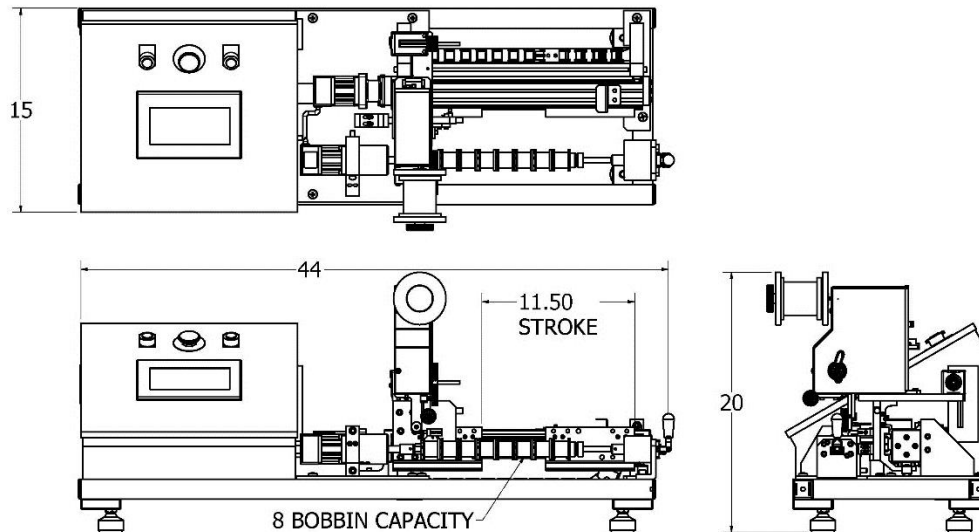


## BRAIDER RESPOOLER SPEC



### SPECIFICATIONS:

- SPOOL SIZE: DIN 100 Maximum
- INPUT POWER: 120 VAC, single phase with ground, 50/60 Hz.
- WEIGHT: 100 pounds.
- DIMENSIONS: 15 inches wide X 44 inches long X 20 inches tall.
- MANDREL SIZE: .375" (Suitable for up to 8 Braider Bobbins)
- TRAVEL: 11.50" – (Standard)
- FILAMENT SIZE: .0004" to .015" round or Flat
- WIND SPEED: Up to **420 RPM** and 3.9 in/sec Traverse Speed
- FILAMENT TENSION: Selectable 5g to 80g (Standard) or 80g – 500g (Optional)
- MANDREL TENSION: Lever actuated and preset
- MANDREL LENGTH: Fixed at 35 cm (14")
- COMPLIANCE: Built to NFPA 79 standards

### FEATURES:

- Programmable logic controller (PLC) will be used to run all of the wind programs
- Holds up to eight (8) standard Braider Bobbins (.41" Bore x 1.40" long x 1.56" Flange OD).
- Filament tension is provided by a moveable extension spring inside the dancer assembly. A Stepper Motor drives a lead screw to change the spring extension and effect filament tension through the dancer arm. A dancer arm and pulley combination is part of the filament path. A load cell is used to monitor the filament tension, which is also in the filament path.
- Mandrel clamping suitable for multiple bobbin set (1 min, 8 max)
- Up to 25 process recipes can be stored with up to 20 steps each
- Displays of parameter set points and actual values.
- Brushless servo drives on traverse and rotational axis
- Alphanumeric color touchscreen display for program entry and status displays.
- A lighted stop/start push, system power switch, & E-Stop Button

Specifications are subject to change without notice