

Automatic Cutting Line for Continuous Fabric



AC335XL

Technical Specifications:

TYPE	MAX FABRIC WIDTH	MAX CUTTING LENGTH	MAX FABRIC TRAVEL LENGTH	CYCLE TIME	MAX STACKING
AC327E	27 inches [700 mm]	48 inches [1,230 mm]	68 inches [1,730 mm]	6 seconds	68 x 27 inches [1,730 x 700 mm]
AC335E	35 inches [900 mm]	62 inches [1,600 mm]	84 inches [2,150 mm]	6,5 seconds	84 x 35 inches [2,150 x 900 mm]
AC335XL	35 inches [900 mm]	78 inches [2,000 mm]	100 inches [2,554 mm]	6 seconds	100 x 35 inches [2,554 x 900 mm]

Hourly Production with one person, up to:

AC327E	2 strands	2,400	7,200	1,200	1,200	-
AC335E	2 strands	2,200	8,800	2,200	1,100	1,100
AC335E	4 strands	4,400	17,600	4,400	2,200	2,200
AC335XL(★)	4 strands	4,800	19,200	4,800	2,400	4,400

(★) AC335XL available also with 5 and 6 strands feeder.

The right way to cut

AC3 LINE

The newly developed AC3 Line represents the “state of art” from bierrebi and is the most technically advanced, most automated, highest production capacity system offered for tubular knit fabric.

While the basic operation on the AC3 Line remains the same as the current generation, the machine has been completely renewed and enhanced with new software and mechanical operating systems, electronics, dimension and style.

The machine produces up to 20% more than the previous model running at the same cycle time while consuming significantly less energy and requiring much less maintenance.

Machine

- Industrial pc with increased computing power and reduced number of electronic boards.
- Touch screen display allows for more user friendly operation with messages in preferred languages and customized input data display.
- Ethernet connection allows for instantaneous updating of program files, centralized data collection and uploading of files directly from the QSC (Shape Cad System).
- Configurable production data input and collection specific to the plant's needs.
- Programmable access level for the prevention of alarm intervention by unauthorized personnel.
- Customized display allows for personalization such as company logo, style, lot and sub-lot information, etc. displayed on the screen.
- All mechanical movements are achieved with encoder controlled electric axis and guides for more stop/start precision and speed.
- All motors are ‘brushless’ servo-drive motors for more precision less maintenance and less power consumption.
- High resistance polyurethane toothed belts are enclosed inside dust-proof covers and allow for more precise and faster movements while eliminating the need for lubrication.

Feeder

- Independent control of all setting parameters for each feed position, (fabric strands) optimizes individual control of each fabric strand.
- Feeding belt linked in electrical axis with machine which allows for a better fabric handling and improves accuracy in cutting operation.
- Increased space between each feeding units to allow for a better and more accurate fabric bundles placement.
- AAQT (Automatically Adjustable Quarter Turner) allows for width adjustments without the removal of AAQT from machine.
- Available in four, five or six strand versions (number of strands depends on fabric weight and other factors).