

## VALUE MODEL Series Precision semiautomatic stretching equipment

The VALUE MODEL is a precision semiautomatic stretching device designed and manufactured by NBC to easily tension V-SCREEN to very high tensions.

The VALUE MODEL stretching device was developed by NBC in response to customer demands for higher stretching tension. NBC was determined to not just slightly improve tired concepts, but to create a real breakthrough in stretching technology to reinvent stretching. As a result the VALUE MODEL uses many sophisticated controls not found on conventional equipment. It also employs techniques that are counter-intuitive to traditional stretching in order to tension V-SCREEN with its extremely low elongation. The final product is a stretching device that allows anyone to stretch V-SCREEN to very high tensions with little training.



VALUE MODEL  
SEMI-AUTOMATIC  
STRETCHING EQUIPMENT

### VALUE-MODEL Specifications

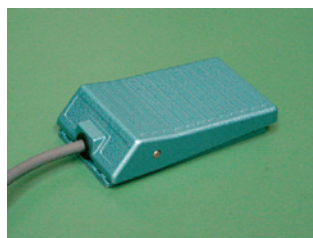
	VALUE 1150	VALUE1360	VALUE1550
Body dimension (L×W×H)	1600×1600×1000(mm)	1840×1840×1000(mm)	2000×2000×1000(mm)
Body weight (kg)	Approx. 500	Approx. 630	Approx. 780
Stretching effective area	900×900(mm)	1080×1080(mm)	1250×1250(mm)
Power supply	85 - 264V AC, 100W or less	85 - 264V AC, 100W or less	85 - 264V AC, 100W or less
Air source	Dry air 0.7 MPa or more, Approx. 50 NL/cycle	Dry air 0.7 MPa or more, Approx. 70 NL/cycle	Dry air 0.7 MPa or more, Approx. 90 NL/cycle

## NBC proposes “new stretching technique”

Simply place a screen on the table and start stretching



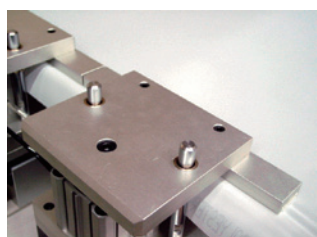
Place screen on table



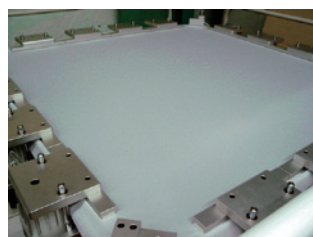
Press foot switch to activate corner stretching



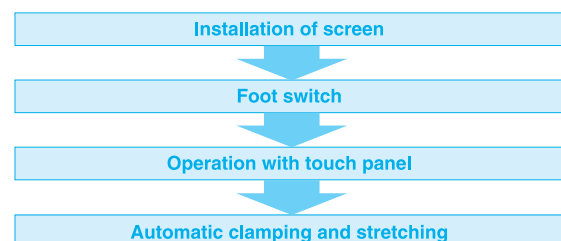
Press start on Liquid crystal touch panel



Automatic clamps grip mesh

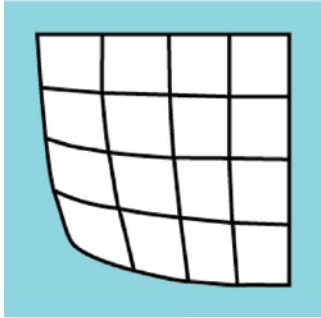


Fabric stretched to preset tension

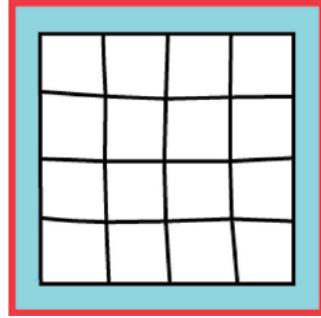


The most striking feature of the VALUE MODEL is its ease of operation. After placing the screen on the table all that is required is setting the corner clamps with the foot switch and selecting start on the liquid crystal display. The VALUE MODEL automatically clamps the fabric and stretches it to the set tension.

## Screen-mesh distortion prevented with the diagonal tensioning system

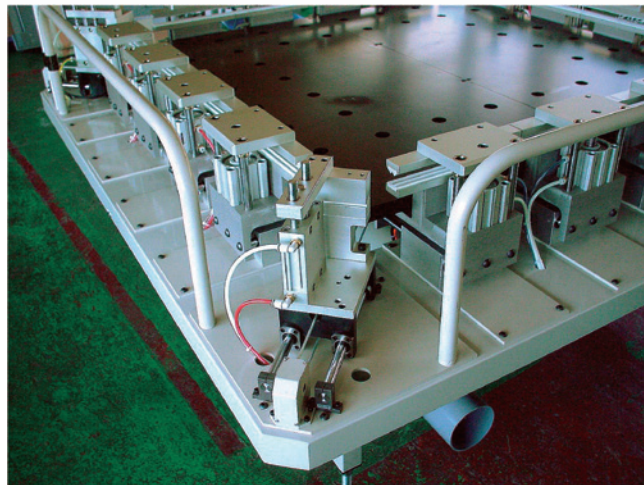
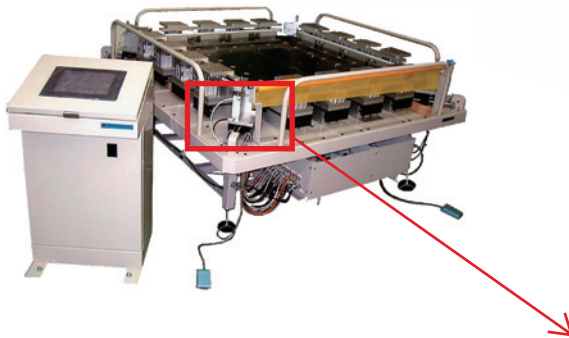


Distortion created by conventional stretching equipment



Distortion free corner stretched by VALUE-MODEL

The real ground breaking feature of the VALUE MODEL is its diagonal stretching. Adding tension in the corners is counter to the traditional wisdom of stretching, because most stretching equipment adds slack in the corners to prevent tearing the mesh during stretching. The chart on the left clearly shows the distortion created in the corners by conventional stretching equipment. The chart on the right shows the uniform tensioning results in the corners achieved every time with the VALUE MODEL.



Magnified view of corner (Diagonal tension system)

## Easy to operate control panel

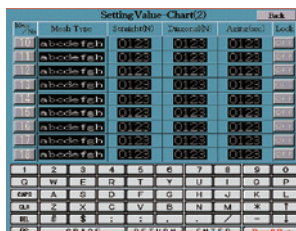
The easy to operate control panel allows anyone to accurately stretch screens to high tension. The programmable processor can memorize up to 1million stretching programs. Each stretching program can be customized to satisfy any customer needs using 18 parameters including diagonal stretching, overall tension and aging time. When it's time to stretch just set the screen tension desired, and with one touch of the button screens are brought right up to the correct tension.



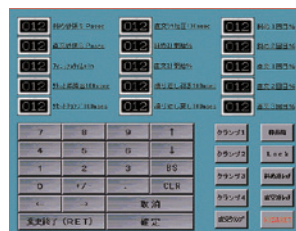
Touch panel



Operation screen



Specifications screen



Data entry screen