

Computerized Chain Stitch Multi-Needle Quilting Machine (Widening High Speed)



- *Servo system is used in X-Y-Z axis, that can improve 30% production for independent patterns.
- *Newly reinforced structure makes it work more stably.
- *Raising supporting board makes it more convenient to operate and maintain.
- *Y axis reduction gearbox makes it work more fluently with low-noise.
- *New type retainer frame structure make the higher speed and more production.
- *Press plate lifting can be adjusted by one-button according to different material thickness.
- *More tight thread stitches make the quilting pattern with stronger third dimension.
- *Needle bar and press plate are controlled by a double-swinging device without cam avoiding lubrication and dirtying of material.
- *Multi-span and independent patterns (360 and 180 degree patterns are available.)
- *Automatic stop motion control in case the top thread or the bottom thread breaks, automatic needle-lifting and CNC speed adjustment.
- *CE Certificate.
- *Outstanding features such as highly rigidity, high running speed, low vibration and noise.
- *New generation of CNC system, high precision quilting, dispense with too much parameter adjustment or pattern modification during quilting.
- *Easy preparation of CAD drawings extremely precise.
- *Strong functions of pattern-combining and multi-span quilting to enable you quilt different patterns in each row in the mattresses of different sizes.
- *Fault detection function for ease of determining the running state of the machine at any given time.

TECHNICAL SPECIFICATIONS (MM)

Size (L x W x H) : 4700 x 1500 x 2100

Quilting Width : 2550

Space Between Needle Rows : 50.8,76.2,127 (5 ")

Space Between Needle Rows : 76.2,76.2,152.4 (6 ")

Space Between Needles : 25.4

X-Axis Movement Displacement : 350

Thickness of Quilting : ≤ 80

Stitch Length : 3-8

Speed of Operation : 60 ~ 300 (m / hour)

Model of Needle : 24/180 23/160 22/140 21/130

Quilting Speed : 600 -1200 (rpm)

Total Power Required : 8.5 KW

Voltage : 380V / 50Hz 220V / 60Hz

Gross Weight : 5600 Kg

