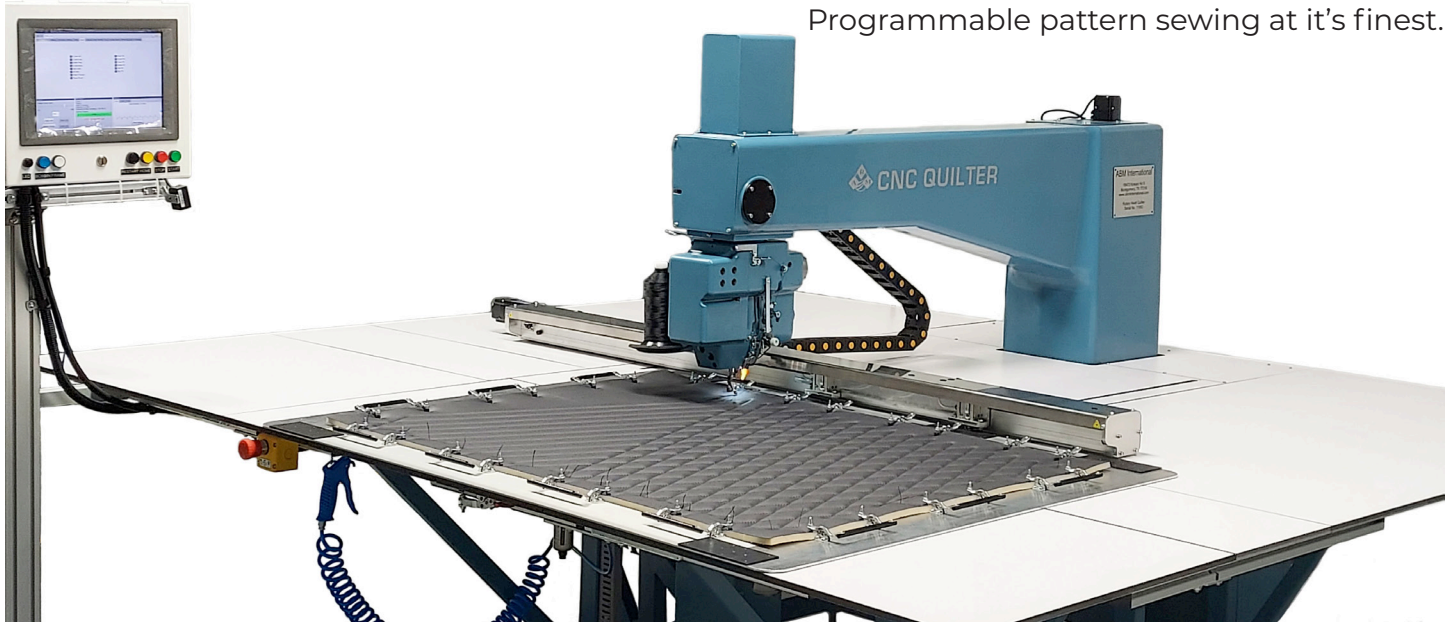


CNC Quilter Rotating Head

ABM International, Inc. manufactures the world's highest production, lowest cost computerized quilting machines. With just one operator, the CNC QUILTER can quilt virtually any product up to 1400mm x 900mm or 54" x 36". This machine is great for quilted furniture, cushions, marine, aerospace and apparel materials. It can quilt leather and vinyl, backed by high density poly foam up to 5/8" thick. It features five-axis digital brushless servo control, providing superior quality patterns, ease of pattern and size changes, and low maintenance operation. Utilizing the unique CNC Quilter material fixture system, one operator stretches and racks the materials while the machine simultaneously quilts another panel.

Programmable pattern sewing at it's finest.

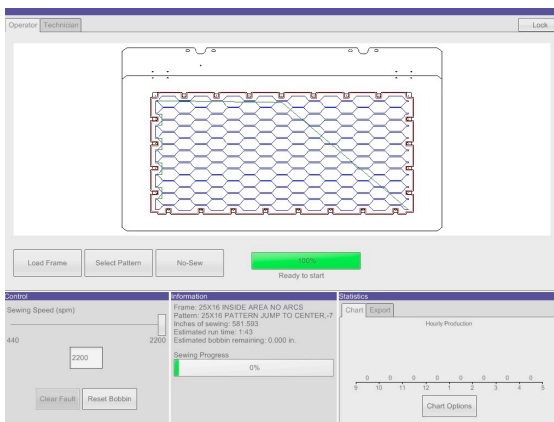
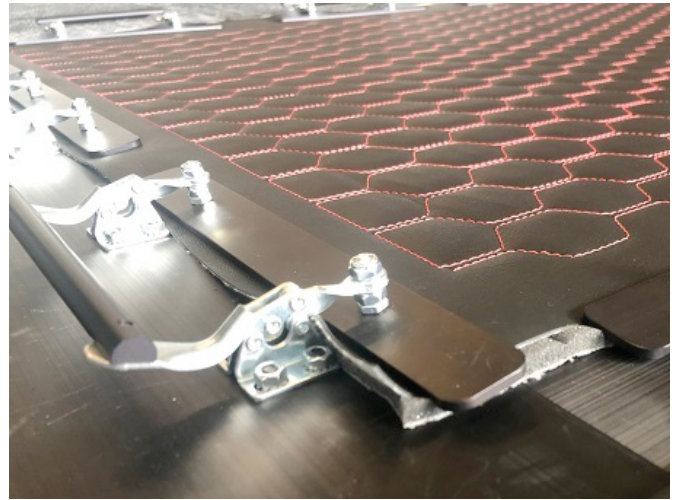


Features and Benefits

- › The 360 Degree Rotating Sewing Head keeps the needle on the trajectory of motion. This allows for the best possible stitch formation and accuracy.
- › A color Touch Screen user interface using an embedded industrial computer processor allows for user-friendly operation
- › Equipped with a fixture capable of holding a product flat and properly tensioned
- › Underbed thread trimmer trims both top and bottom threads simultaneously
- › Bar code system easily tracks production and makes certain the correct frame and pattern match
- › Digital AC servo motors and drives are maintenance free and last for many years
- › Ball screws for linear motion require no adjustments and make the CNC Quilter the standard of the industry
- › The user inputs a .dxf of the fixture and stitching pattern. The machine will scan the fixture and match the dxf pattern drawings and alert the user of collision points.
- › Automatic lubrication system, automatically lubricates all major components of the sewing machine
- › The user can easily set the "no sew" path around the objects or clamps in the needle path. This is required when stitching lines up to the edge of the fabric if the machine needs to move around a clamp without stitching. Then the fixtures and its coordinating patterns are linked and saved in the database.
- › The CNC Quilter is the workhorse of the industry and will give you many years of maintenance free operation
- › Self-diagnostics system makes troubleshooting and maintenance a breeze
- › U.S. Technicians available 24/7 for remote login and online support
- › Regional based factory trained technicians are available for installation, and after sales service at your location
- › The only brand in the industry with FREE remote access support with TeamViewer
- › 4-year limited warranty (see website for details)
- › Over 80 Years of Quilting experience
- › Access our corporate design team to draw patterns for you
- › Easily run patterns using any .dxf file from programs like AutoCAD, BobCAD, DraftSight, Rhino, SOLIDWORKS, & many more
- › FREE 24/7 Customer Support

Specifications

- › HMI industrial grade interface touch panel
- › Industrial grade PC running Windows 10 embedded operating system.
- › 64GB solid state drive
- › USB 3.0
- › Max. axis speed: 1,000 IPM
- › Max. sewing speed: 3,000 SPM
- › 6 - 20 stitches per inch in continuous mode
- › 4 - 14 Stitches per inch in intermittent mode
- › 0.05mm – 12.7 mm Stitch length
- › Large style “M” bobbin
- › Machine Stroke: 54”x36” | 1400mm x 900mm
- › Required power
 - › 220 Volt AC
 - › 20 Amp
 - › Single Phase
 - › 60 Hz
- › Pneumatic: 100 psi minimum air pressure
- › Linear Actuator: Ball Screw
- › Machine Floor Space: 13’2” x 10’4”
- › Weight: approximately 1,900 lbs
- › Standard Fixture Sizes
- › Material Size: 54”x 32”
- › Interior Frame Dimensions: 52”x 29.5”



- › Color touch screen operator interface
- › Self-diagnostics system
- › Highspeed lockstitch industrial sewing machine
- › Underbed thread trimmer
- › Thread break detection
- › Thread break recovery system
- › High speed Sercos based digital servo motors and drives
- › X/Y movement by low maintenance ball screw actuators
- › Custom frames with toggle hold down clamps
- › Machine can handle multiple frames of varying sizes
- › Tack and jump capabilities
- › Machines pattern files are either .dxf or .pat
- › 4-year standard machine warranty
- › 25 FREE patterns included
- › Optional state of the art vision system to sew perforated materials
- › Optional Safety Light Curtain
- › Optional Safety Gating
- › Optional Automatic Bobbin Changer



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ABM International, Inc., headquartered near Houston, Texas is a four-generation family owned and operated U.S. based manufacturing company and has been manufacturing quilting machines for 75 years. We are the oldest quilting machine manufacturer in the world.