

# CQT

CNC TWIN HEAD PANEL QUILTER



This machine offers the full benefits of computer numeric control, including simple operation, automatic control and independent sewing head control across a very diverse range of patterns and sizes.

### CAPACITIES

	Machine Size	Material Sizes	Quilting Area (max)
Heavy Material Clamping System:	1	(1.90-2.05m) x (0.60-1.70m)	1.70m x 1.43m
	3	(1.90-2.25m) x (0.60-2.00m)	1.90m x 1.70m
Light Material Clamping System:	1	2.10m x (0.60-1.75m)	1.80m x 1.65m
	3	2.30m x (0.6-2.05m)	1.90m x 1.70m

### STITCHING DATA

Sewing head: Two extra heavy duty sewing heads, each incorporating a lifting presser foot.

Type of stitch: Two-thread lockstitch.

Sewing speed: Variable up to 1250 stitches per minute per head = 2500 stitches per minute.

Stitch length: 2-10mm (21/2 - 12s.p.i.)

Linear speed: 25m per minute (82ft per minute).

Needle system: 216 x 7 (5022)

Needle size: 22/140 - 29/300

Thread top: Metric 25 - 75

Bottom: Metric 50 - 100

### BENEFITS

Simple operation, high-speed heavy-duty stitching and automatic control produce efficient attractive output with one or two operators.

User-friendly programming and diagnostics, incorporating CAD/CAM capability.

Infinite machine pattern storage capacity with backup capability to networks and floppy disks and via modem link.

Simple pattern selection with clear interactive touch screen display of full pattern design during both pattern selection and program run.

Pattern program management system using directories with search and select routines.

Pattern designs including Sculpture Quilt styles offer a vast range of possibilities, limited only by the user's imagination.

Needle cooling and lubrication system for use with more difficult materials.

Versatility - patterns containing straight or curved lines, symmetrical or asymmetrical designs, continuous styles, small pattern repeats and representations of animals and flowers are possible.

Independent sewing head control increases the pattern range possible, particularly for special sizes and the addition of logos or labels.

Preparation of pattern programs away from the machine is possible using Matramatic's off-line programming and simulation system on a standard windows pc.

Easy operator control now includes automated pattern back-up/reverse function.



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