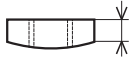


## Technical Specifications CBS 13

Sewing Phases	Button attaching & neck wrapping
Sewing Speed	max. 1500 rpm
Stitch Type	101 single-thread chainstitch
Fabric Penetration	Blind-stitch or show-stitch; adjustable sewing depth 0 - 3 mm
"V"-Style Sewing	Yes
Needle Bar Stroke	50 mm
Looper	Rotary - butterfly with needle bar timing
Thread	Polyester thread #50 - #120
Needle System	332 LG, 332 EXT LG
Thread Trimming and Catching	Automatic
Thread Tension	Separate for button attaching & neck wrapping
Button Outside Diameter (ø mm)	without neck-wrapping: 10 ~ 40 mm with neck-wrapping: 10 ~ 34 mm counter button: 8 ~ 24 mm
Number of Button Holes	2, 4
Buttonhole Diameter	≥1.5 mm
Buttonholes Spacing X, Y	2 - 6 mm (programmable)
Button Thickness	Up to 6 mm 
Neck Height	0 - 8 mm
Number of Button Attaching, Neck Wrapping Stitches	2 - 30, 0 - 50
Internal Memory Capacity	99 patterns
Display	5.7" color touch-screen
X-Y Feeding System	Stepping motor
Button Feeding	Automatic (pneumatic)