



WC008 Series Auto Robotic Arm Collar Running Machine





Spread Collar



Point Collar



Button-down Collar



Collar-stay Collar

It is applied on the collar running process for shirt. Simple operation and low sewing skill requirements.

- One-click to generate size parameter.
- Style changing only takes 10 minutes, adjustable mechanical mold (universal).
- Robotic arm cooperates with lockstitch machine with trimmer, edge trimming automatically.
- Only require operator to place the fabric pieces, and the machine will automatically complete the subsequent sewing process.
- No need programming on the robotic arm, sewing pattern input by computer conveniently.
- Output can reach 125~150 pieces/hour.

APPLICATIONS

Styles

Spread Collar
Point Collar
Button-down Collar
Collar-stay Collar

Fabrications

Woven fabric

Size and Dimensions

Collar Length: 330~570mm
Collar stand Height: 40~80mm
Collar point Angle: 70°~110°

Difference in height between the midpoint and the two tips should be ≤30mm.

Pre-process Requirements

Standard interlining fusing on the collar.
For the same batch of order, the difference in size and cutting piece should be within ±1mm.
Cutting edge ≤20mm

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SYSTEMS

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SPECIFICATIONS



Sewing Machine Head
HIKARI H99S 7C-5/AK
(WC008A)
JUKI DLM-5400NDD
D7WBK (WC008B)



Dimensions (mm)
L: 1,780 x W: 1,640 x H: 1,850



Power (W)
4,000



Stitch Type
Lockstitch (#301)



Power Supply (V)
AC 220 (50Hz)



Compressed Air Requirement (Mpa)
0.5



Max. Sewing Speed (rpm)
3,000



Needle
DBx1



Weight (kg)
590



Changeover Time (m)
30(New pattern)
3(Historical pattern)



Output (pcs/ hr)
125~150