



PARALLEL SENSOR / PATCH PRODUCTION

BATCHCIRCUIT-5

Model FT-905HC

Five identical sensor patches per cycle — the parallel-production sensor line.

A five-head, nine-needle high-speed flat platform that produces five identical sensor patches, electrode arrays, or smart-textile units in parallel. When a design is locked, this is how you scale it.

WHY THIS MACHINE

Five-head parallelism turns a single operator's stitchout time into five units of throughput. For sensor companies shipping production patches, biosignal electrode arrays, or wearable circuit substrates, BATCHCIRCUIT-5 is the bridge from prototype to product.



Parallel 5-up sensor patches

CAPABILITIES

- Parallel sensor / electrode / patch production (5-up)
- Identical conductive trace geometry across all five heads
- 9-needle thread library per head — multi-conductor designs
- Commercial throughput at 1,200 spm
- 200 × 500 mm field per head

IDEAL FOR

Sensor product companies, electrode array manufacturers, smart-textile OEMs in pilot production, scale-up labs.

SPECIFICATIONS

Configuration	9 needles × 5 heads
Functions	Flat • Parallel patch / sensor production
Embroidery area	200 × 500 mm (per head)
Maximum speed	1,200 spm
Control	7" colour touchscreen LCD
Drive	Servo main motor
Voltage	Standard 120 V (wide-input 80 – 260 V)
Power	150 W — quiet operation
Machine size	1,950 × 1,130 × 1,300 mm
Net weight	690 kg

SAMPLING Bring your spec — we'll stitch a sample on this platform at our Albany showroom.

PRICING Contact for current pricing — tariffs included; rent-to-own available.