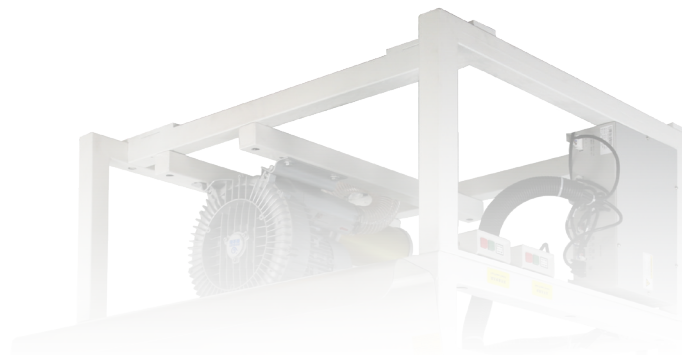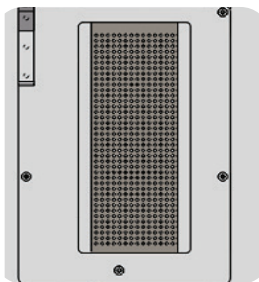# qonvolv
S Y S T E M S

XPQ1000/ 1100
Multi-Purpose Automated Workstation

Suction Device

Module Design

Steel Operation Surface

A multi-purpose automated platform serving different sewing operation needs, bringing the best return to investments.

- Suitable for various sewing operations such as pocketing , back patch, and label attachment, etc.

- Utilizes suction and presser foot mechanism to ensure cut panel placement accuracy for precise sewing.

- Digitally controlled pattern module which synchronizes with sewing pattern movement, to ensure consistent and high quality stitching across wide range of styles and materials, while significantly reduces operator sewing skill reliance.

- Wide selection of swappable sewing modules to match different styles and operation needs.

- Unique module design enables quick change over. Maximizes the utilization of workstation unit, and brings the best return to investment.

- High quality steel operation surface provides durable work space and eliminates the risk of damaging fabric surface.

- XPQ1100 - equipped with enhanced suction design and extended steel working tray. Its combination with the MX001A module (patent granted) is optimized for side-vent sewing.

SPECIFICATIONS

Sewing Machine Head **JUKI DDL-8000A**	Dimensions (mm) **L: 1,200 x W: 1,200 x H: 1,300**
Stitch Type **Lockstitch (#301)**	Power (W) **2,000**
Compressed Air Requirement (Mpa) **0.5**	Power Supply **AC 220V/ 50Hz**
Needle **DP×17, #9 ~ # 12**	Max Sewing Speed (rpm) **2,500**
Changeover Time (m) **1 (excl. pattern input)**	Weight (kg) **150**

MODULE TYPE

XPQ1100-MX01A / Side-vent Module - *Patent granted*
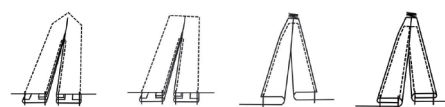
Applicable Style
Side-vent Styles: Flat or Pointed
Top with Piping, Self-fabric Flat Top
in Single or Double Fold

Dimensions (mm)
H: 85 x W: 5~25

Output (pcs/ hr) **50**

Product Illustration

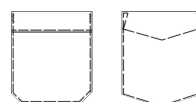### XPQ1000-MP01A / Pocket Module

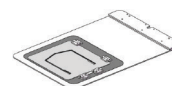Applicable Style
V Pocket or Mitered Pocket

Dimensions (mm)
H: 30~70 x W: 20~55

Output (pcs/ hr) **70**

Product Illustration   *Module Design*

XPQ1000-MP02A / Back Patch Module
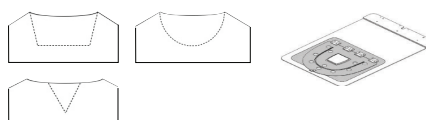
Applicable Style
**Round Shape, Trapezoid Shape,
or V Shape Back Patch**

Dimensions (mm)
L: 200 x W: 160

Output (pcs/ hr) **90**

Product Illustration

XPQ1000-ML01A / Label Module (Lockstitch)

Applicable Style
**Rectanglar, Triangular,
or Round Shape Label**

Dimensions (mm)
L: 80 x W: 60

Output (pcs/ hr) **100**

Product Illustration

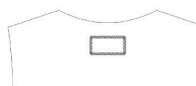### XPQ1000-ML02A / Label Module (Zigzag Stitch)

Applicable Style
**Rectanglar or
Triangular Label**

Dimensions (mm)
L: 80 x W: 60

Output (pcs/ hr) **70**

Product Illustration

XPQ1000-MX02A / Half Placket Module

Applicable Style
**Continuous Placket,
Patch-on Placket**

Dimensions (mm)
H: 30 x W: 50

Output (pcs/ hr) **90**

Product Illustration

qonvolv
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