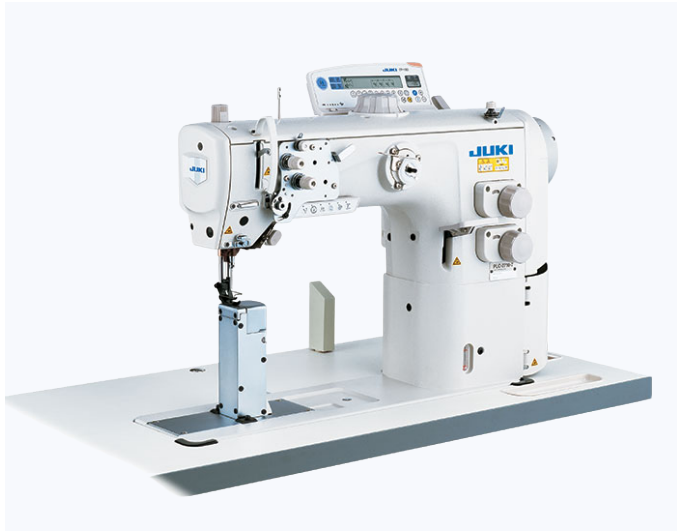




Product Sheet

Juki PLC-2700

Category: Industrial sewing machines

Juki PLC-2700 series – Column machine for heavy materials

The Juki PLC-2700 is a robust column machine developed for car seats, sofas, sports equipment and technical textiles. With bottom, needle and top feed, a large vertical gripper and extended working space, it can handle even large products with consistent quality.

The direct-drive motor provides fast response and powerful penetration, while automatic thread trimming and presser foot lift streamline the work. With up to 12 mm stitch length and 2,500 stitches/min, the PLC-2700 is a reliable choice for demanding sewing processes in heavy materials.

- Pillar machine for heavy materials
- Advanced feed system
- Large vertical gripper

Product description

JUKI PLC-2700 Series – Powerful column-type machine for heavy-duty sewing processes

The JUKI PLC-2700 series is designed for sewing heavy-duty materials such as car seats, sofas, sports equipment and technical textiles. The machine has a large vertical looper and an advanced feed system, with bottom, needle and alternating top feed, which ensures stable and even stitches even when changing materials.

To facilitate the sewing of larger products, the machine has an extended working space:

- Length: 347 mm
- Height: 296 mm (approx. 92 mm longer and 36 mm higher than standard)
- Column: 170 mm (approx. 7 mm higher than standard)

The large work surface and ergonomic column make the machine flexible and easy to handle, even during complex sewing processes. Quick changeover between different stitch lengths makes it easy to adapt the machine to different projects, and the automatic thread cutting and presser foot lift (max. 20 mm) streamline production.

The machine is powered by a high-speed, direct-drive motor, which provides fast response, powerful penetration and energy-efficient operation. With a stitch length of up to 12 mm and a sewing speed of 2,500 stitches/min, it handles multi-layer materials with high precision and stability.

Supplied complete with

- table
- stand
- direct drive (built-in motor) with panel

Description

- Pillar machine for heavy-duty materials – Perfect for car seats, sofas and sports equipment.
- Advanced feed system – Underfeed, needle feed and alternating top feed for smooth and stable sewing.
- Large vertical looper – Allows for longer sewing without frequent bobbin changes.
- Quick and flexible adjustment – Dial for quick adjustment of stitch length and alternating movement of the presser feet.
- Automated functions – Automatic thread trimming, automatic forward and reverse feed, and presser foot lift (10 mm, max. 20 mm).

Technical Specification

Machine Specifications	
• Models	- PLC-2710, PLC-2710-7 (with automatic thread cutter) - PLC-2760, PLC-2760-7 (with automatic thread cutter)
• Type	- PLC-2710 & PLC-2710-7: 1-needle pillar machine - PLC-2760 & PLC-2760-7: 2-needle pillar machine
• Maximum sewing speed	2,500 stitches/min
• Stitch length	12 mm (forward/backward)
• Stitch setting	- PLC-2710 & PLC-2760: 1 pitch knob - PLC-2710-7 & PLC-2760-7: 2 pitch knobs
• Needle type	135×17 Nm100–180 (standard Nm140)
• Wire size	TEX 50–167
• Vertical gripper	2-fold capacity (latch type)
• Alternating vertical feed	1–9 mm
• Feed adjustment	Adjustable via steering wheel
• Automatic feed movement	- PLC-2710 & PLC-2760: Lever type - PLC-2710-7 & PLC-2760-7: Pneumatic type
• Press foot lift	- Manual: 10 mm - Automatic: 20 mm
• Knee lift	Standard
• Security system	Standard on all models
• Automatic presser foot lift	- PLC-2710 & PLC-2760: Optional - PLC-2710-7 & PLC-2760-7: Standard
• Distance from needle to machine arm	347 mm
• Column height	170 mm
• Weight	- PLC-2710: 76 kg - PLC-2710-7: 81 kg - PLC-2760: 79 kg - PLC-2760-7: 84 kg
• Lubrication system	Automatic (tank lubrication)
• Power supply	- Single phase: 240 V - Three phase: 200–240 V - For models with automatic wire cutting: 193 VA
• Air consumption	0.1 dm ³ /min (ANR)