



Product Sheet

Juki MO-6900G series

Category: Industrial sewing machines

Juki MO-6900G/J – Overlock for heavy materials

The Juki MO-6900G/J is built for demanding sewing in extra heavy materials such as jeans, car upholstery and carpets. With up to 6,000 stitches per minute, powerful feed and advanced technology, it delivers durable, precise seams and high productivity even in the most robust applications.

- Powerful differential feed
- Two feed systems
- Tractor presser foot and powerful feed

Product description

Juki MO-6900G/J – Industrial sewing machine for extra heavy materials

The Juki MO-6900G/J series is a high-performance overlock and safety sewing machine designed to handle extra heavy materials such as jeans, carpets, car upholstery and technical textiles. With a sewing speed of up to 6,000 stitches per minute, powerful feed and advanced technology, this machine offers a combination of high efficiency, precision and durability.

The Juki MO-6900G/J is ideal for industries that require reliable, powerful and precision sewing of heavy materials.

Description

- Powerful differential feed – Ensures smooth and accurate feeding of heavy materials without fabric slippage.
- Two feed systems – Choose between the MO-6900G with bottom feed for stability or the MO-6900J with variable top feed for better control when sewing multi-layer materials.
- Tractor presser foot and powerful feed dog – Improves grip and facilitates sewing in coarse materials.
- Micro adjustment of differential feed – Enables precise adjustment of the feed depending on the type of material.
- Automatic lubrication – Reduces maintenance requirements and increases machine life.
- Needle cooler and thread heater – Prevents problems when sewing at high speeds and ensures high seam quality.
- Micro-lift function – Reduces operator strain, reduces vibration and provides a smoother working experience.

Complete with

- table
- fully submerged mounting
- stand
- SV 550 servo motor with positioning
- small treadle

Technical Specification

Machine Specifications

• Stitching system	- MO-6904G: 1-needle overlock - MO-6914G: 2-needle overlock - MO-6916G: Safety stitch
• Maximum sewing speed	6,000 stitches/min
• Stitch length	- MO-6904G: 2.5 – 5 mm - MO-6914G: 2.5 – 4 mm - MO-6916G: 2.5 – 5 mm
• Overlock width	- MO-6904G: 4.8, 10.0, 18.0 mm - MO-6914G: 6.4 mm - MO-6916G: 4.8, 6.4 mm
• Differential feed	- MO-6904G: Creasing 1:1.75 (max. 1:3.8) Stretching 1:0.7 (max. 1:0.6) - MO-6914G: Creasing 1:2 (max. 1:3.8) Stretching 1:0.8 (max. 1:0.6) - MO-6916G: Creasing 1:1.75 (max. 1:3.8) Stretching 1:0.7 (max. 1:0.6)
• Needle bar stroke length	28.8 mm
• Needle inclination	20°
• Bearing for the needle bar	Upper/lower bushing method
• Needle type	DO × 5 (exceptions for certain subclasses)
• Press foot lift	Maximum 8 mm (exceptions for certain subclasses)
• Maximum presser foot pressure	63.7N (6.5 kg)
• Stitch adjustment	Push button
• Differential feed adjustment	Lever (with micro adjustment)
• Weight of the machine head	28 kg
• Lubrication	Automatic
• Lubricating oil	JUKI Machine Oil 18 (ISO VG18)
• Needle cooler	Standard (exceptions for certain subclasses)
• Wire heat remover	Standard
• Micro-lift function	Standard