



for a greener tomorrow



**mitsubishi  
ELECTRIC**

*Changes for the Better*

FACTORY AUTOMATION

# INDUSTRIAL SEWING MACHINES PLK-G6030WR



*Automation  
Technology*  
BY MITSUBISHI  
ELECTRIC

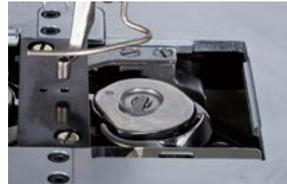
## Features



**Switch function of needles with twin rotary hooks**  
Needle switching function with twin rotary hooks offers the possibility of stitching two-different colors or two-different sizes of thread.



**Thread catcher**  
Holding the upper thread makes it possible to switch needles smoothly and prevent skipped stitches at the sewing start point.



**Stable trimmer performance**  
Adapting the horizontal thread trimmer mechanism offers stable thread trimming on a wider range of thread sizes.



**Pneumatic 2-step tensioner**  
The ability to adjust the upper thread tension during sewing in two steps, allows for varying material thickness and direction of sewing.

## Specifications

| Item                           | Model | PLK-G6030WR   |
|--------------------------------|-------|---|
| Sewing area (X × Y)            |       | 600 × 300mm   |
| Stitching style                |       | Double needle lockstitch(Needle selecting system)   |
| Hook                           |       | Double-size twin horizontal rotary hook   |
| Max speed (*1)                 |       | Intermittent:1,800rpm Continuous:1,800rpm   |
| Feeding system                 |       | Intermittent or continuous(Switchover method)   |
| Stitch length                  |       | 0.1 to 20.0mm   |
| Max. stitches                  |       | 20,000/pattern  |
| Max. pattern                   |       | 900   |
| Enlargement/Reduction function |       | 10% to 200% for both X and Y axis (adjustable in 0.1% steps) (axis)   |
| Memory medium                  |       | USB flash memory (not included with sewing machine) (USB-connected FDD can also be connected)                               |
| Work piece holder lift stroke  |       | 30mm  |
| Work piece holder lifter drive |       | Pneumatic   |
| Presser foot lift stroke(*2)   |       | 12mm(Max.15mm)  |
| Presser foot stroke(*3)        |       | 4mm to 10mm(Factory setting 4mm)  |
| Spindle motor                  |       | XL-K756-20  |
| Needle                         |       | DPX17 #18   |
| Operation panel                |       | PLK-G-PAL-2   |
| Mass                           |       | 445kg   |
| Outline dimensions (W×D×H)     |       | 1,350 × 1,720 × 1,250mm   |
| Power supply                   |       | 200V to 240V single-phase or three-phase 110V to 120V and 380V to 415V are both compatible using optional power-supply unit |

\*1 : Based on the sewing application, settings, etc.

\*2 : The presser foot lift stroke, represents the height of the presser foot when the sewing is stopped.

\*3 : The presser foot stroke, represents the stroke of the presser foot during the sewing.

## Applications



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< Bags >



< Chairs, Sofas >

### Safety Precaution

To ensure safe and proper use of the products in this document, please make sure to read the relevant instruction manuals and technical notes before use.

Note: Be sure to confirm the details of the warranty when making a purchase.

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