JUKI

JUKI ECO PRODUCTS

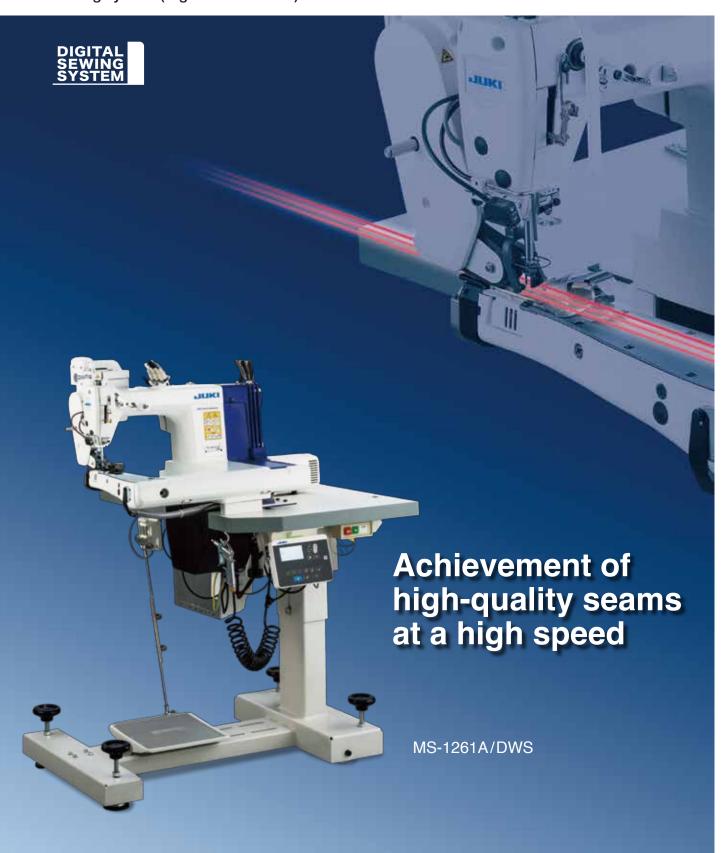# MS-1261A/DWS

High-speed, feed-off-the-arm, 3-needle double chainstitch
sewing system (Digital workstation)

DIGITAL SEWING SYSTEM

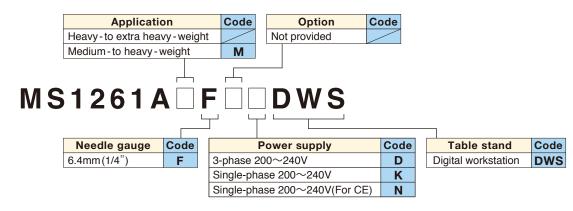## Achievement of high-quality seams at a high speed

MS-1261A/DWS

MS-1261A / DWS

■ SPECIFICATIONS

Model name	MS-1261A / DWS	MS-1261AM / DWS
Application	Heavy - to extra heavy - weight	Medium - to heavy - weight
Max. sewing speed	5,500sti/min*	
No. of needle	3	
Feed	Bottom feed	
Needle bar stroke	33.2mm	
Needle gauge	6.4mm (1/4")	
Stitch length	1.4mm - 4.2mm	
Lift of the presser foot	10mm	
Needle	UY128GAS #16～#22 (Standard #21)	UY128GAS #16～#21 (Standard #19)
Thread take-up lever	Needle bar thread take-up lever	
Circumference of tube at the needle entry	194mm	
Needle guard	Backward travelling needle guard	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Lubrication	Automatic lubrication	

* "sti/min" stands for "Stitches per Minute."

■ WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:

[Complete]

Application	Code
Heavy - to extra heavy - weight	
Medium - to heavy - weight	M

Option	Code
Not provided	

M S 1 2 6 1 A ☐ F ☐☐ D W S

Needle gauge	Code
6.4mm (1/4")	F

Power supply	Code
3-phase 200～240V	D
Single-phase 200～240V	K
Single-phase 200～240V(For CE)	N

Table stand	Code
Digital workstation	DWS

FSC MIX Paper from responsible sources FSC® C001712

JAB CM001 | EMS ISO14001 JSAE389 | UKAS MANAGEMENT SYSTEMS 089

※ Specifications and appearance are subject to change without prior notice for improvement.
※ Read the instruction manual before putting the machine into service to ensure safety.
※ This catalogue prints with environment-friendly soyink on recycle paper.

MS-1261A / DWS

High-speed, feed-off-the-arm, 3-needle double chainstitch sewing system (Digital workstation)

**Thorough our commitment to the seam quality,
the MS-1261A/DWS has achieved low-tension sewing.
As a result, this sewing system produces high-quality beautiful seams with consistency while preventing puckering, stitch skipping and uneven material feed.**

- Max. Sewing Speed 5,500sti/min
- Best for sewing multi-layered part
- Capable of sewing Medium - to Extra - heavy materials
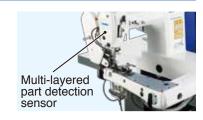- High Quality Seams

The multi-layered part detection sensor helps feed the material smoothly allowing the sewing machine to produce beautiful seams.

The MS-1261A is provided with digital functions for preventing stitch skipping and stitch gathering as well as for supporting smooth feed of multi-layered parts of materials that are considerably heavier in weight than the other parts of materials. These capabilities are highly required in sewing jeans.

The newly-developed machine head is provided as standard with the presser foot pressure control function that has the multi-layered part detection sensor. In combination with the belt-type digital cloth puller which enables digital setting of the belt presser foot pressure and feed length, the sewing machine achieves "more beautifully-finished seams". Support to the digital control facilitates the adjustment of sewing for various kinds of materials. Even when sewing heavy-weight materials, the sewing system produces soft and beautiful seams.

Multi-layered part detection sensor

Prevention of stitch skipping

Through the improvement to the feed locus, needle bending is prevented by decreasing the feed amount when the needle penetrates the material. As a result, the looper thread is securely retained to ensure stable loop formation, thereby allowing the looper to catch the needle thread appropriately to produce seams without fail. In addition, the backward-moving type needle guard helps feed heavy-weight materials smoothly, thereby preventing the occurrence of stitch skipping.

The sewing system offers improved operability for the operator and promotes energy savings.

The conventional feed-off-the-arm chainstitch machines have specially-shaped machine head due to its stitch type.
In pursuit of ease of sewing and ease of handling of materials, the MS-1261A/DWS has adopted newly-developed machine head the shape of which is like of the general-purpose sewing machines.
The MS-1261A/DWS is the first sewing system that comes with an energy-saving high-powered direct-drive motor. As a result, workability and maintainability are improved.

Old model

Various digitalized functions

Management of sewing performance and sewing machine by the utilization of IoT (Internet of Things)

Management, browsing and editing of data can be carried out on the application software

Data on sewing machine adjustments made according to the product to be sewn can be transferred to a commercially-available Android tablet in contactless mode. This enables quick check for uniform settings as well as confirmation of conditions of sewing machines in a sewing line, thereby facilitating setup changes.
The operation panel is also provided as standard with a USB port. Data management and software update can be carried out with ease using a USB thumb drive.

Data items of sewing can be numerically managed to ensure "stable quality" and "reduction in time required for setup changes". Quantified sewing data can be externally taken from the sewing machine using an Android tablet or USB thumb drive.

※Android OS Version 6.0 is recommended to use JUKI Smart APP.
 (Operation is confirmed with respect to Versions 5.0 and later.)
 Contact JUKI distributor in your area for how to use the application software.

The sewing machine can be paired with equipment which supports NFC (Near Field Communication) only by holding the equipment over the sewing machine.

USB port

JUKI Smart APP allows you to send and confirm various data.

In the application, there are items of management setting (terminal registration), sewing machine data (sewing data), problem-solution chart. In the problem-solution chart, we can generate production graphs,the availability chart, etc. for each acquired sewing machine data so it can be used for checking the current situation and analyzing it.

Standard equipments

■ Belt-type digital cloth puller

This belt-type digital cloth puller prevents stitch skipping and stitch gathering that are likely to occur at multi-layered parts of material. The "belt presser foot pressure" and "feed length" can be set on the operation panel of the sewing machine. This digital cloth puller is provided with both the roller surface that is soft to the materials and strong feeding force.
The digital cloth puller can be lifted up only by operating the lever. This promises easier maintenance.

■ Chain-off thread cutter

This chain-off thread cutter is provided with a sensor. As a result, the cutter can be operated only when it is necessary.
The operation of the cutter and that of the vacuum can be separately set to ON and OFF on the operation panel.
The cutter only operates at the beginning and end of sewing, thereby contributing to improved durability.

■ Needle cooler

The needle becomes hot during high-speed sewing.
The needle cooler blows air to the needle during high-speed sewing to prevent the needle from becoming so hot as to cut the thread by its heat.

■ LED hand light

Light quantity of the LED hand light can be adjusted in five levels. The LED hand light can also be turned OFF. With the LED hand light, the brightness can be adjusted to allow the operator to carry out sewing work with ease, thereby improving work efficiency.

Needle cooler

LED hand light

※Auto-lifter is also included in the standard equipment.