

DDL-9000CSMS (Digital Type)

Direct-drive, high-speed, sewing system with automatic thread trimmer

Commitment to “seam quality” is poised to enter a new era with JUKI’s next-generation sewing system.



DDL9000CSMS
(Provided as standard with LED lighting)

Computer-controlled vertically-and horizontally-driven feed mechanism **World first**

The world's first feed mechanism which is driven both vertically and horizontally has been computerized. The feed mechanism changes its feed locus in accordance with the material. As a result, the optimum adjustments can be achieved only by setting data on the operation panel. Furthermore, the vertically-driven feed mechanism helps keep the length of thread remaining on the material after thread trimming constant.

Standard	Front Up (reduce uneven material feed)	Rear Up (prevent needle bending)	Box Feed (for multi-layered section)

Remaining thread at the end of sewing reduced to 3 mm

A both-blade driven rotary knife system is adopted. The knife intersects with the thread to trim it just beneath the needle entry point. Since the knife ensures constant length of needle thread, the length of thread remaining on the material after thread trimming is, unlike thread trimming with the thread tensed, also constant. The DDL-9000CSMS inherits JUKI's thread trimming technology to allow the thread trimmer to start up as soon as the pedal is depressed.

Wrong side : With reverse stitching

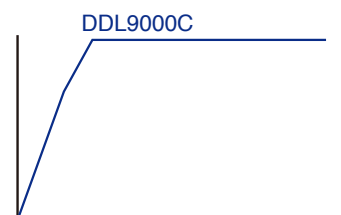
Conventional lockstitch machine with automatic thread trimmer



DDL-9000C



Conceptual drawing of startup



Sewing machine management utilizing "IoT" (Internet of Things)

Data adjusted in a sample-making workshop etc. can be transferred without contact to the sewing machines in your factory using your tablet.

(USB port is provided as standard)

*Android OS Version 6.0 is recommended to use JUKI Smart APP.
(Operation is confirmed with respect to Versions 5.1 and later.)



SPECIFICATIONS

Model name	DDL-9000C-SMS
Application	Medium-weight
Lubrication	Semi-dry
Lubricating oil	JUKI Machine Oil 7 (equivalent to ISO VG7)
Max. sewing speed	5,000sti/min ^{*1}
Max. stitch length	5mm*
Needle bar stroke	30.7mm
Feed dog height	0.8mm
Needle	DB×1 (#11) #9~18 (Nm65~110)
Lift of the presser foot	By hand: 5.5mm, By knee: 15mm, Auto: First step 5.0mm (0.1~8.5mm) ^{*2} , Second step 8.5mm (8.5mm~13.5mm) ^{*2}
Size of bed	517×178mm (distance from needle to machine arm: 303mm)
Bobbin thread winder	Built-in the machine head
Machine head drive	Compact AC servomotor (450W) that is directly connected to the main shaft (direct-drive system)
Automatic reverse feed function	Provided as standard
Power consumption	520VA
Net weight	Machine head: 40kg / 40.5kg (with AK-154), Control box: 6kg
Outside dimensions of package (mm)	713×313×767(0.171m ³)

^{*1}sti/min" stands for "Stitches per Minute."

^{*2}It's adjusted by a panel.

WHEN YOU PLACE ORDERS

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

Machine head

Digital Specifications	Machine head	Sewing specifications	Code
Standard	Semi-dry head	Standard	SMS

DDL9000CSMS

Wiper	Code	Automatic foot lifter	Code
Not provided	OB	Not provided	
Provided	NB	Provided (driven by pedal)	AK154

Control box

SC951A

Head	Code	PSC box	Code
DDL9000C Digital model	951	Single-phase 100~120V	S
		3-phase 200~240V	D
		Single-phase 200~240V(For General Export)	K
		Single-phase 200~240V(For CE)	N
		Single-phase 200~240V(For CHINA)	U

*To order, please contact your nearest JUKI distributor.

JUKI ECO PRODUCTS

The DDL9000C is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.



- The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.

For details of JUKI ECO PRODUCTS, refer to: http://www.juki.co.jp/eco_e/index.html

*The RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment.
The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which also adversely affect the environment.



Registered Organization : JUKI CORPORATION Head Office
The Scope of the Registration : The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

JUKI
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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.