

HIKARI® Innovative Electronic Pattern Sewing Machine

Feel the innovation and efficiency

HMS-1310 Series Innovative Electronic Pattern Sewing Machine

The HIKARI innovative electronic pattern sewing machine is optimized for the European requirements: small and middle sized orders, hard to sew fabrics, and high quality production.



OUTSTANDING TECHNOLOGICAL FLEXIBILITY WHAT MAKES HIKARI INNOVATIVE
PATTERN SEWING MACHINE UNIQUE ON THE MARKET

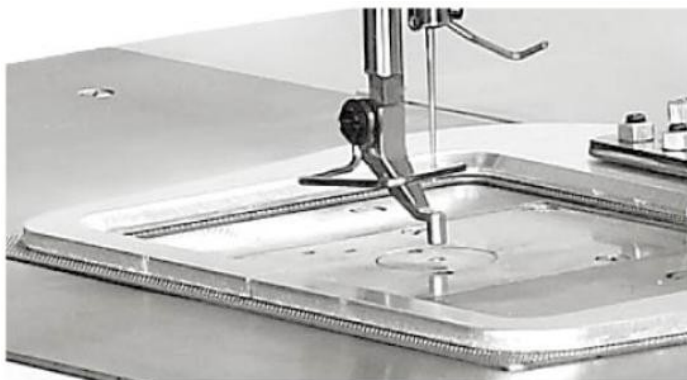
- High quality stable sewing on Max. 2700 RPM, 19% higher productivity compared to the other models, offers higher efficiency and output during production
- Maintenance free direct-drive system for 50% less power consumption compared to the older models



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FOUR KIND OF SEWING AREA SIZE DEPENDING ON THE CUSTOMERS NEEDS



Machine Types:

- HMS-1310G-01S (13cm*10cm, electric, heavy duty)
- HMS-1310G-01A (13cm*10cm, pneumatic, heavy duty)
- HMS-1310G-02S (13cm*10cm, electric, medium and heavy duty)

Sewing area size:

HMS-1310G	pattern	sewing	machine	(13cm*10cm)
HMS-2210G	pattern	sewing	machine	(22cm*10cm)
HMS-3020G	pattern	sewing	machine	(30cm*20cm)
HMS-6030G	pattern	sewing	machine	(60cm*30cm)

QUICK PATTERN UPLOAD WITH MEMORY CARD



On the HIKARI innovative pattern sewing machine there are two ways to upload your patterns, with a CF memory card through the CF memory card reader which you can find under the machine, or with the optional pattern editor, which we can use to write our own patterns and we can upload them to the built in CF card reader.

The upload of the patterns is quick, user friendly and easy. In the machines memory, we can store up to 512 patterns and we can easily copy the patterns with the help of the CF memory card. With the use of the optional pattern making software (PS-300BD) we can easily edit or change the patterns.

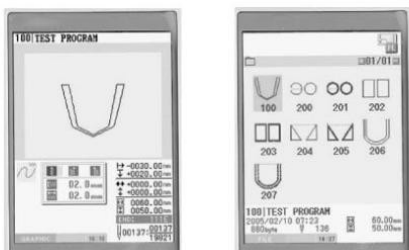
OPTIONAL SIMPLE PATTERN EDITOR WITH COLORED LCD SCREEN



With the use of the optional pattern editor, you can program any kind of pattern with the simple use of the graphic icons. The operator can do the job in a very short time, and without leaving the machine the operator can edit the new pattern and test it immediately.

Thanks to the graphic interface, the operator can easily learn how to use the pattern editor, it is simple and user friendly.

The new pattern can go to production immediately, or the operator can save it to the machine's memory for later use.



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The power saving technology of HIKARI

In the last few years, there was an exponential growth at the area of industrial sewing machines compared to the past 20 years.

In 2006 HIKARI made it's first direct drive single needle lockstitch machine the H8800A. Today the 4th generation the H8800D is on sale, with built in the head control box.

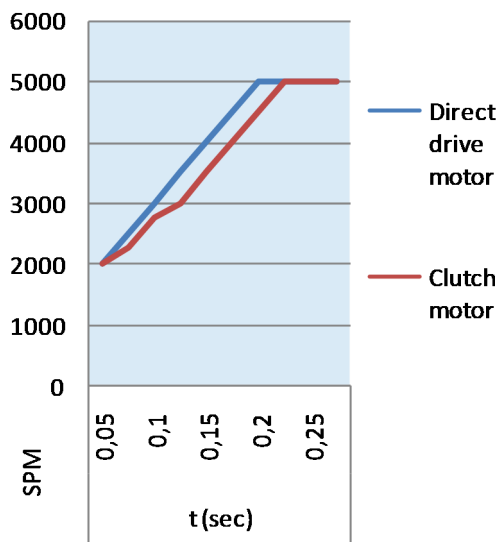
In 2007, the world first direct drive overlock had been released, and now the 3rd generation is on sale, which is the HX6800TA

HIKARI ® is the leading sewing machine manufacturer in the field of innovation with a biggest experience in direct drive technology, which makes bigger profit in your production site.

The Engineers of HIKARI developed their patented ideas in co-operation with one of the Universities in Shanghai.

PRODUCTIVITY GROWTH

Acceleration of motors



The direct drive sewing machines does not have transmission loss like the clutch motor machines. (The belt-drive sewing machine with servo motor has the same transmission loss as well. The increase of the production is about 14,6%. The belt-drive sewing machine sews 1000 meters. Under the same circumstances, the direct-drive sewing machine sews 1146 meters- in every shift.

With one investment, from the beginning, the direct drive motor equipped sewing machines produces extra profit!

REDUCED NEED FOR MAINTANANCE

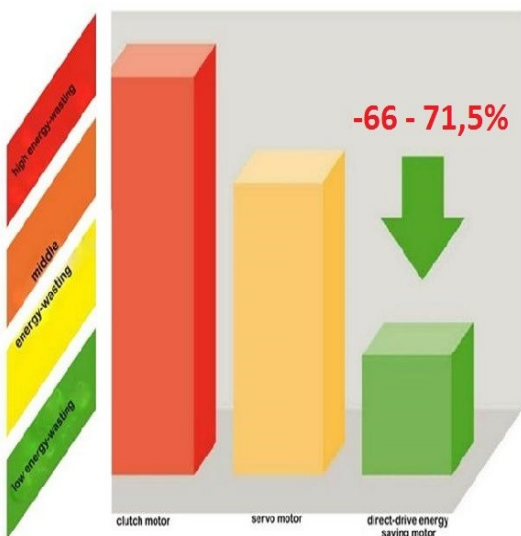
The direct drive motors does not require any maintenance. In Europe it's one of the major priorities, because savings on the operation and the maintenance costs gives higher extra profit, or free sources to distribute on the market.

REDUCED ENERGY CONSUMPTION

Compared to the clutch motors the direct-drive sewing machines saves up to 66 - 71,5% on electricity bills in every shift depending on the application.

REDUCED NOISE LEVEL

The main purpose is to improve the working conditions of the operators, to obtain a win-win situation. If the sewing machine "loads" less on the operator, they are more relaxed in the last 2-3 working hours, so the productivity's will not decrease as much as with a louder machine, and the produced waste will be less as well.



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TECHNICAL SPECIFICATIONS

MODEL	HMS-1310G	HMS-2210G	HMS-3020G	HMS-6030G
Max. Sewing Speed	2700 RPM			
Sewing Area Size	130x100 mm	220x100 mm	300x200 mm	600x300 mm
Max. Stitch Length	0.05 - 12.7 mm			
Max. Stitch Number/Pattern	20.000 stitch / pattern			
Work Clamp Height	25 mm - 30 mm	30 mm		
Trimmer	Automatic straight knife			
Wiper device	Mechanical (wiper)			
Presser Foot Height	22 mm			
Hook	Big size hook (Koban, Made in Japan)			
Pattern Storage Way	CF memory card (FAT) or built in memory			
Max. Pattern Storage Number	512 pcs			
Machine Head Driving System	Fully computerized direct drive motor			
Light	6 LED built in the head adjustable unit			
Power Supply	One phase 220V, Three phase 380 V			
Air Pressure	0,5 Mpa (43.2l/min)			
Lubrication	Semi dry machine head			

