

HIKARI® Double Needle Lockstitch Machines

Feel the innovation and efficiency

HT9200TA-7P-3/AK Double Needle Lockstitch Machine

The HIKARI double needle lockstitch 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 DOUBLE NEEDLE LOCKSTITCH MACHINE UNIQUE IN THE MARKET

- * Maintenance free direct drive motor for 14,6 % higher efficiency, and 66 - 71,5 % less power consumption compared to clutch motor equipped machines
- * Built in the head adjustable LED light, for more precise work and better ergonomoy
- * Quick split needle bar actuation system



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SPLIT NEEDLE BAR TO SEW COMPLETE CORNERS



During normal production both of the needle bars are working. In case the operator would like to form a corner, each of the needle bars can be switched off with the quick split needle bar actuation switch, which is placed on the front side of the machine.

After the corner has been finished the disengaged needle bar can be switched back to work. With the help of this device, the operator can sew difficult formations like complete corners with the double needle lockstitch machine.



STRAIGHT KNIFE THREAD TRIMMER FOR BETTER FLEXIBILITY



HIKARI redesigned the flexible straight knife thread trimmer system, to improve the flexibility of the double needle lockstitch machines in production. The system is equipped with easy to exchange larger capacity bobbins to achieve better efficiency. The machine is equipped with a standard 6.4 mm needle gauge set, and HIKARI offers a wide variety of gauge conversion sets from 3.2 mm to 25,4 mm for both normal and heavy duty machine variants.

BUILT- ON THE HEAD LED LIGHT FOR MORE PRECISE WORK

The LED light is built together with the reverse switch. It is mounted to the machine head for better clearance of the movements of the operator. The LED unit is equipped with 10 LEDs, and it is adjustable in 5 levels to work easier with reflective materials, and provides better visualization for the operator.



FULL FEATURED USER – FRIENDLY CONTROL PANEL



Full computerized, easy to use, user friendly control panel. The functions are grouped, and distributed according to the needs of the operator. The position of the functions are clearly separated, which helps the operator to use it faster to save time, and increase the efficiency. Functions like straight line and cycled sewing, backstitching, needle positioning, sewing speed and a other functions can be set up with the help of the LCD screen.



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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.

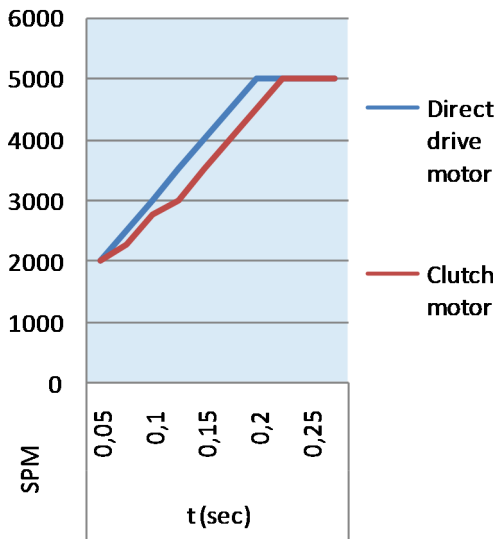
In 2007, the world first direct drive overlock had been released, and now the 3rd generation is on sale, which is the HX6800TA

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

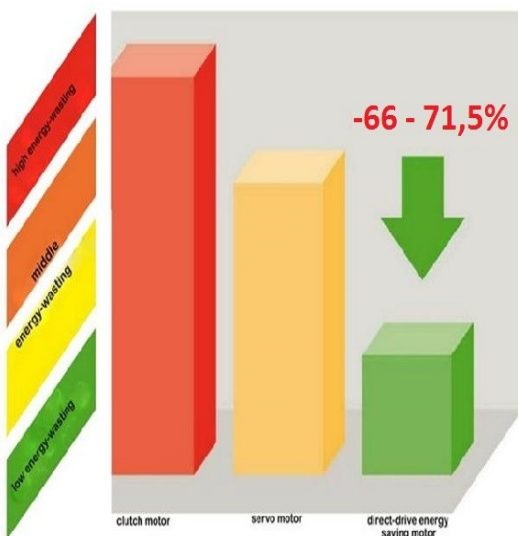
The direct drive motors does not require any maintenance. In Europe it's one of the major priorities, because savings on the operation and the maintenance costs gives higher extra profit, or free sources to distribute on the market.

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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HOW TO ORDER THE MACHINE

Machine type		Drive mode	
Model type	Modell	Machine type	Motor mode
HT	92	XX	XXX
Description	Code	Code	Description
Single needle bar, normal hook	10	TA	Direct-drive motor, normal duty
Split needle bar, normal hook	20	TAH	Direct-drive motor, heavy duty
Single needle bar, large hook	50		
Split needle bar, large hook	60		

Type				
Usage		Materials application		Option 1.
XX		X		XX
Code	Description	Code	Description	Automatic presser foot lifter
7P	Straight thread trimmer	3	3 automations	AK

TECHNICAL SPECIFICATIONS

MODEL	HT9210, HT9220	HT9250, HT9260
Max. sewing speed	3000	2600
Max. stitch length	5 mm	7 mm
Needle type	DPX5	
Presser foot height	6 - 16 mm	
Lubrication	Semi dry head	
Rotary Hook	Normal hook (Koban, Made in Japan)	Large hook (Koban, Made in Japan)
Gauge sets available	Standard set: 6.4mm (3.2, 4.0, 4.8, 5.6, 7.9, 9.5, 11.1, 12.7, 15.9, 19.1, 22.2, 25.4mm)	
Width x height of the working area	259 * 119 mm	
Trimmer and wiper device	Automated straight knife, wiper	
Foot lift	Automated	
Machine head driving system	Fully computerized direct drive motor	
Light	10 LED built-in the head, 5 level adjustable unit	
Power supply	Single phase 220V, 650W	
Lubricant	High Speed spindle oil	

