

SEWMAQ

HVP-90 SERIES AC SERVO MOTOR



CE ISO 9001
BSMI

CERT.NO.3A1Y004-03

HVP-90 SERIES AC SERVO MOTOR

FEATURES

1. One shot positioning.
2. Highly accurate positioning $\pm 3.0^\circ$
3. Powerful operation box function: (Parameters programmable, Linkable to PC, built-in EEPROM can manage and store the parameters setting).
4. Solenoid over current protector .
5. Low noise and low vibration and low power consumption.
6. Linkable to PC.
7. Software / Hardware 2-way protection system.
8. Multi-Positioning mode .
9. Switching power supply system (160V~280V AC).
10. Powerful parameter system, easy adjustment and upgradable.

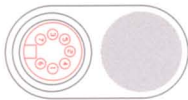
(Standing Operation Pedal)

FEATURES

- Three pedals design for speed, trimmer and foot lifter function.
- Smoothly speed change from low to high.
- Licensed by Mitsubishi Electric Co.
- Adopt to standing operation, increase sewing efficiency.
- Adopt to HCB, HVP motor.



(Synchronizer)



For JUKI type

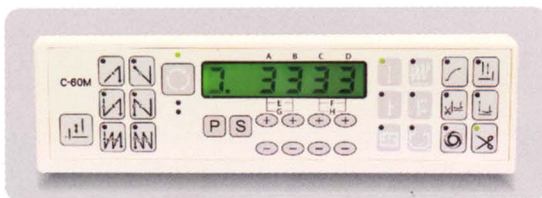


800 Series



500 Series

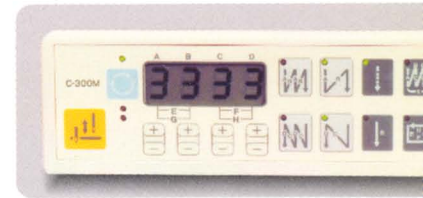
(Operation Box)



C-60M

FEATURES

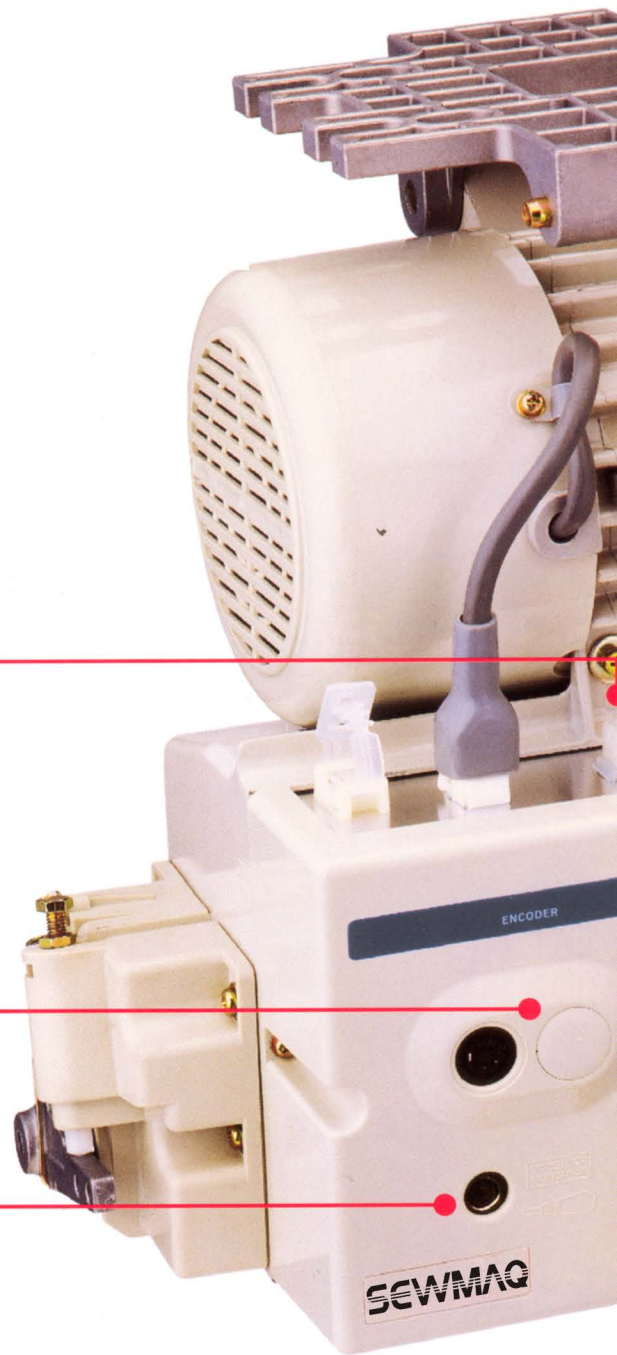
- Stitches are clearly displayed on the LCD.
- Start / End back tacking can be set in 1~15 stitches.
- Pattern sewing can be set in 1~99 stitches.
- LCD back light .
- Parameter setting is available.
- Linkable to PC.
- Counter / Timer function.
- Built-in EEPROM, save and backup your setting.

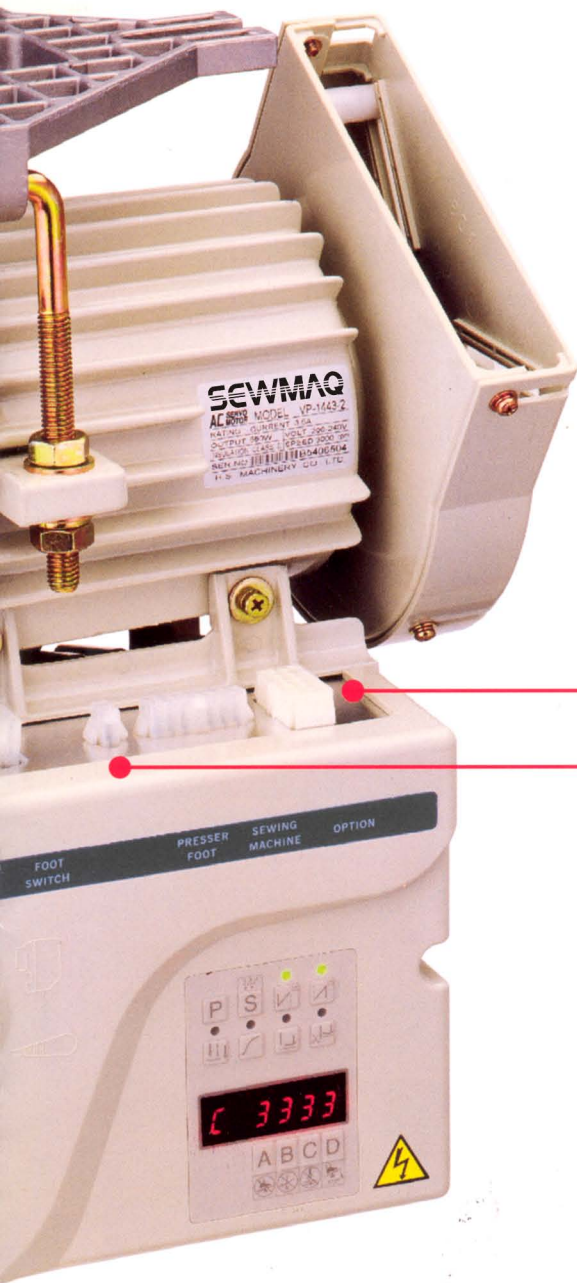


FEATURES

- Stitches are clearly displayed on the LCD.
- Start / End back tacking can be set in 1~15 stitches.
- Pattern sewing can be set in 1~99 stitches.

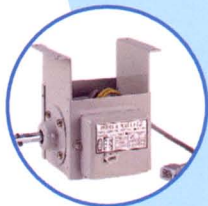
C-300M--For Standard Mounting
C-300MB1--For Brother Built-in





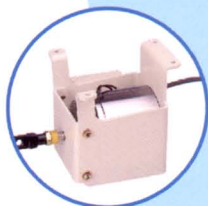
(Edge Sensor)

(Automatic Foot Lifter)



PF-1 Series

- 24/30V DC
- 15~20mm Stroke
- For General Lockstitch / Overlock



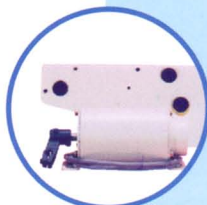
PF-2 Series

- 24/30V DC
- 15~20mm Stroke
- For General Heavy Duty Lockstitch



PF-4 Series

- 24V DC
- 20~30mm Stroke
- For Chainstitch Machines



PF-9 Series

- 24V DC
- 10mm Stroke
- For DDL-8700



AF-168 Series

- 30V DC
- 10mm Stroke
- For B737-Series



AF-899 Series

- 30V DC
- 10 mm Stroke
- For S-7200 A - Series



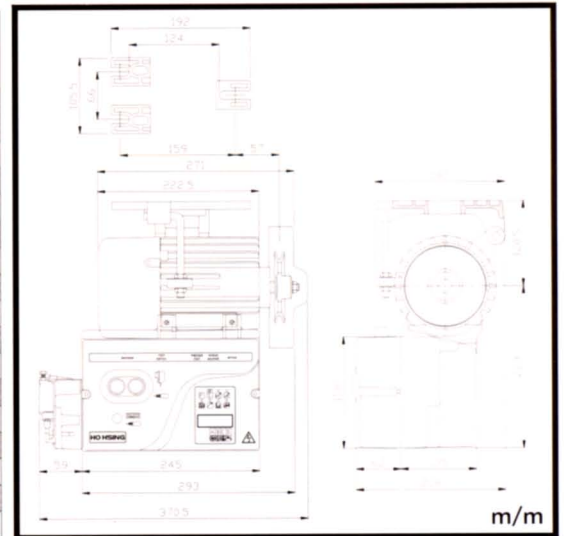
C-300M

...CD.
...1~9 stitches.
...ches.

Specification

Function	HVP-90-3	HVP-90-4
Motor Output	550 W- 3000 rpm.	
	750 W- 2000 rpm.	
Power Voltage Range	Single Phase : 100~120V / 200~240V	
	Three Phase : 200~240V	
Pulley Size Available	65~130mm	
One Shot Positioning	★	★
Needle UP/DOWN	★	★
Soft Start	★	★
Presser Foot Lifting	★	★
Trimmer / Wiper	★	★
Automatic Back-Tacking	★	★
Reverse at Stop	★	★
Power Transistor Protection	★	★
Power Module Protection	★	★
Input Signal Port	2	13
Solenoid Signal Output Port	4	8
Edge Sensor Input Port	0	2
Gross Weight	11.5 kg	
Packing Dimension	424L X 409W X 355H mm	

Dimension



HVP-90 & HVP-60 Difference Comparison List

Category	HVP-90	HVP-60	
1. Motor	550W / 750W available.	550W only.	
2. Control Box	Similar exterior		
	• 7- segment display, LED light bright and clear.	• LCD display no light.	
	• Connector panel and main board are separated. Easy to change.	• Connector panel and main board are together. Change is complicated.	
	• Switching power supply system.	• Traditional power supply system.	
	• New type intelligent module.	• Regular type IGBT module.	
	• Linkable to PC.	• Not available.	
3. Operation Box	C-60M (mini-DIN)	C-300M (mini-DIN)	C-30 (15 pins Molex)
	• Parameter setting.	• Not available.	• Not available.
	• Back light.	• Not available.	• Not available.
	• Linkable to PC.	• Linkable to PC.	• Not available.
4. Synchronizer	Synchronizer compatible		

Model Code

HVP-90-3-BR-215-CE

- CE approved
- Controller power output
- Voltage (1:100-120V / 2:200-240V)
- Machine code
- Function