

## Fully Automatic T-shirt Bag Making Machines



## HM-1100ST3

### Super High Speed 3 Lines T-shirt Bag Making Machine with Hot Slitting & Servo-Drive System

\*(Non-Stop) Servo Motor Control

PATENT: 171116 / 188899 / 192243  
240 cycles x 3 = 720 pcs/min.

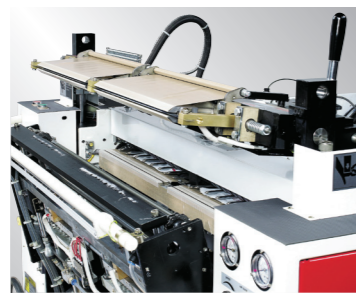


#### Servo Feeding Control System & Printing Photo Cell

The newly designed big monitor servo feeding control system can manage the "Set Up" data with high speed. The unique designed printing bag control system enhance the productivity, and easy operate.

### FEATURES

- Easy to operate the three lines hot-slitting T-shirt bag making machine, super high speed with fully automatic production.
- Special design servo-driven bag feeding is easy to operate.
- Equipped the multi auto alarms with automatic stop design.
- Independent three lines temperature control.
- Equipped with multi auto tension control to maintain the stability of the film roll.
- High efficiency on production.
- Improved tension auto control to enhance the productivity.
- The whole pile of bags has the "Rocking System", which would not make the 2 pcs of bags' sealing stick together.



#### Sealing Knife "Turnover" Device (The Newly Designed Structure of Sealing Knife)

When clean the Sealing Knife, it can move the whole stack bags away, and the sealing knife can turn over for clean. This ensures the safety and keeps the maintenance easy. Meanwhile, the punching device is driven by air cylinder.



#### Hydraulic Unwind Device

- Hydraulic rack to lift the jumbo film roll automatically.
- Equipped with heavy duty air craft.
- The maximum diameter of the film roll is 100 cm.
- The maximum weight of the film roll is 600 kgs.
- Provide auto tension control for driving the film by AC motor. Unwind speed is auto control, following the machine speed.



#### Hot Slitting Device

- Direct heating designed for the hot slitting.
- The temperature of heating is adjustable.
- Provide high hot-slitting output.
- Easy maintenance.
- Adjustable speed according to the size of the film.

#### Post Gusset Device

Authentic post gusset design to provide the quick, easy and accurate adjustment on the gusseting depth and the edge angle of gusseting.

### SPECIFICATIONS :

Model	Bag Size		Max. Production Speed (cycles/min)	Thickness of Film (mm)	Heaters (kw)	Power Required (kw)	Machine Dimensions			Film Width (mm)	Machine Weight (kg)	Gross Weight (kg)	Air Compressor (not included) (hp)
	Width (mm)	Length (mm)					L (m)	W (m)	H (m)				
HM-800ST2	max. 330 x 2	max. 700	max. 250	0.012-0.025	6	9	9.45	1.7	2.2	max. 1100	3400	4000	5
HM-1000ST2	max. 430 x 2	max. 700	max. 240	0.012-0.025	8	11	9.45	2.29	2.2	max. 1600	4000	4500	7.5
HM-1100ST3	max. 330 x 3	max. 700	max. 240	0.012-0.025	9	13	9.45	2.29	2.2	max. 1600	4350	4900	7.5
HM-1200ST4	max. 260 x 4	max. 650	max. 240	0.012-0.025	10	15	10.38	2.33	2.2	max. 1600	4350	5900	7.5
HM-1100CT3	max. 330 x 3	max. 700	max. 200	0.012-0.025	9	13	9.95	2.35	2.05	max. 1600	4350	4900	7.5

## HM-800ST2 / HM-1000ST2

### Super High Speed 2 Lines T-shirt Bag Making Machine with Hot Slitting & Servo-Drive System

\*(Non-Stop) Servo Motor Control

PATENT: 171116 / 188899 / 192243  
250 cycles x 2 = 500 pcs/min.



## HM-1200ST4

### Super High Speed 4 Lines T-shirt Bag Making Machine with Hot Slitting & Servo-Drive System

\*(Non-Stop) Servo Motor Control

PATENT: 171116 / 188899 / 192243  
240 cycles x 4 = 960 pcs/min.



## HM-1100CT3

### Super High Speed 3 Lines T-shirt Bag & Calendar Bag Making Machine with Hot Slitting, Side Gusset & Servo-drive System

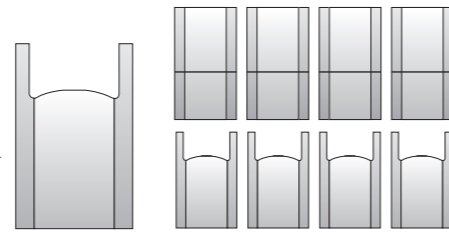
600 pcs / min  
\*(Non-Stop)



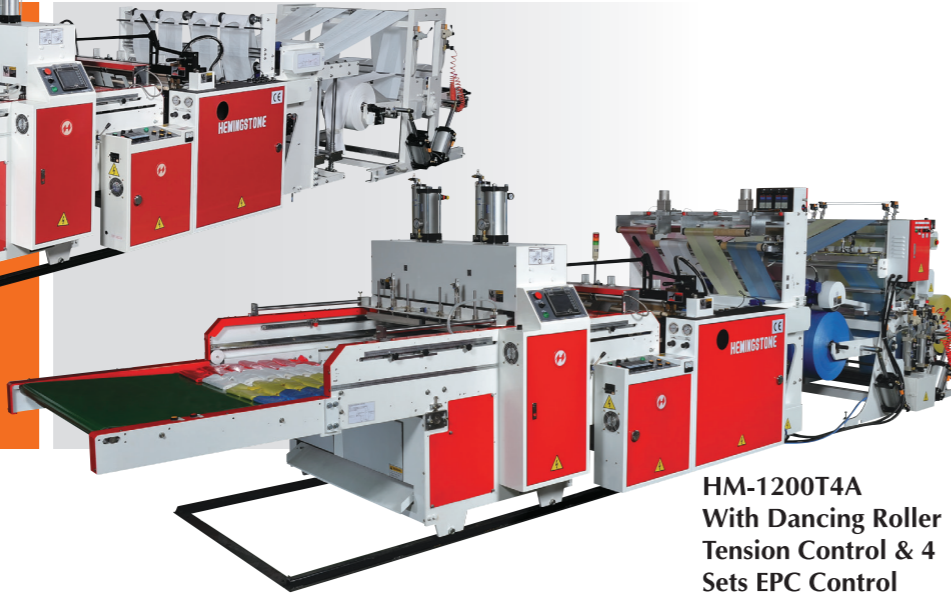
## HM-1200V4A / HM-1200T4A

Fully Automatic T-shirt Bag Making Machines  
with 2 Servo-Drive System

250 cycles/min



HM-1200V4A  
With Blowing Tension  
Control Device



HM-1200T4A  
With Dancing Roller  
Tension Control & 4  
Sets EPC Control  
300 cycles/min

## HM-500VA-SV / HM-800VA-SV / HM-1000VA-SV

High Speed Fully Automatic T-shirt Bag Making Machine  
with Servo-Drive System \*(Non-Stop) Servo Motor Control

200 cycles x 2 = 400 pcs/min.



Special design with a view to keeping the punching hold clamping at the suitable place. It can make the bottom of the bag well-arranged and orderly in block. We used the auto conveyor belt to collect the punching waste for easily to tidy up.

### SPECIFICATIONS :

Model	Bag Size		Max. Production Speed (cycles/min)	Tension Control	Thickness of Film (mm)	Heaters (kw)	Power Required (kw)	Machine Dimensions			Machine Weight (kg)	Gross Weight (kg)	Air Compressor (not included) (hp)
	Width (mm)	Length (mm)						L (m)	W (m)	H (m)			
HM-1200V4A	150~250 x 4 lines 150~500 x 2 lines	260~650	Max. 250 (100 m/min)	With Blowing Type	0.01~0.04	7	11	8.8	2.1	1.7	3300	3800	7.5
HM-1200T4A	150~250 x 4 lines 150~500 x 2 lines	260~650	Max. 300	With Dancing Roller	0.01~0.04	7	11	8.8	2.1	1.7	3300	3800	7.5
HM-500VA-SV	max. 450 x 1	max. 700	max. 200		0.010~0.025	4	6	5.4	1.1	1.55	1800	2300	5
HM-800VA-SV	max. 330 x 2	max. 700	max. 200		0.010~0.025	6	9	5.4	1.64	1.55	2500	2900	6
HM-1000VA-SV	max. 430 x 2	max. 700	max. 200		0.010~0.025	7	10	5.4	1.85	1.55	2700	3100	6
HM-1100TV3	max. 330 x 3	max. 650	max. 240		0.008~0.04	7	11	7.0	1.5	1.7	3300	3800	7.5

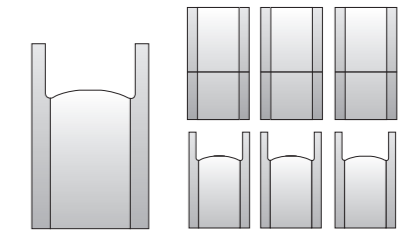
## HM-1100TV3

Super High Speed Fully Automatic with 1 Servo-drive System 3 Lines 3 Rolls T-shirt Bag Making Machine

\*(Non-Stop) Servo Motor Control

250 cycles x 3 = 750 pcs/min.

- This machine is specially designed for the single roll printed T-shirt bag to produce three lines of T-shirt bags, fully automatic speed control and easy to operate.
- Servo motor bag delivery design, equipped with single photo cell device.
- Independent three lines auto tension control system.
- Auto alarm and auto stop control.
- Independent three lines temperature control system.
- High efficiency of production.

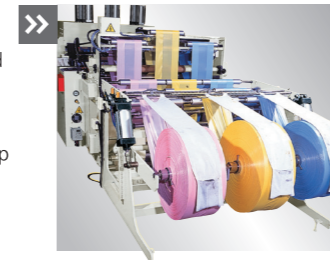


## FEATURES

### HM-1100TV3

#### Independent Type Pneumatic Unwind Device

- Automatic pneumatic unwind system to save man power.
- Maximun diameter 120 cm designed to reduce "stop slap time".
- Equipped with independent various-speed rolling shaft.



- Automatic electronic control. Use plugging type IC circuit for easy replacing.
- The machine will automatically stop when the following situations happen.
  - The bags become jammed or over lapped.
  - The print is in inaccurate position.
- To adopt the system of the pneumatic control and punching the hole by hydraulic & pneumatic pressure cylinder. Low consume-electric, noiseless, no pollution, smooth running & perfect punching.

### HM-1200V4A

#### The Blowing Tension Control Device

- Blowing with a constant pressure fan and guiding the bag's route with ring blocks, it ensures not only the tidiness of the products after sealing, but also the accuracy of the handle's position after the punching process.
- The computer controls the feeding speed precisely, and maintains the proper tension.



#### \* Dancing Roller Tension Control (For HM-1200T4A)

#### The Unwind Rack

- The unwind rack adopts a free tension control type. Through the pneumatic drum brake, the tension of the bag during operation can be maintained without looseness.



- Using the pneumatic device to uplift the film roll, it helps to save the labor and ensure the safety.

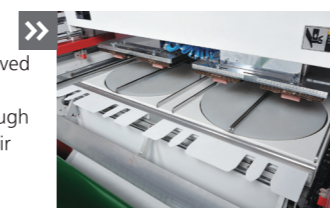
#### Inverter-motor Unwinder (For HM-1200T4A)

- The unwind unit adopts 4 sets of inverter motor for pressing the film to keep the unwind tension proper and stable. An automatic stopping function can detect and stop the machine when running out of film.
- 4 sets of E.P.C. automatic edge alignment devices are equipped.

### HM-1200V4A & HM-1200T4A

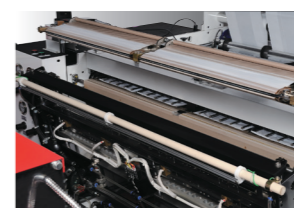
#### The Punching Device

- The punching unit can be moved by the manual valve with the bottom rails. It provides enough space for facilitating the repair and the maintenance of the sealing knife.
- Equipped the wastage conveyor, it makes the wastage collection easier.
- The 4 modules of independent punching knives help to save the consuming cost of the knives.



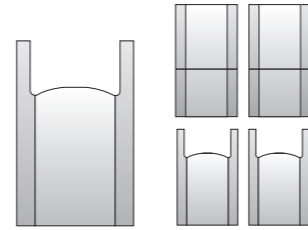
#### The Sealing Bar Device

- The upper sealing bar is designed with a turn-over feature. It facilitates the maintenance and the repair.
- The heat resistant cloth is wound for storage, and can be easily replaced by rewinding.
- The shifting device is equipped for staggering the sealing lines and avoiding the overlapping and stickiness of them



## HM-800JT / 1000JT

High Speed Fully Automatic T-shirt Bag Making Machine  
with Servo-Drive System for the Japanese Market



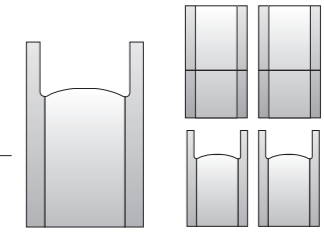
200 pcs x 2 = 400 pcs



**Free Type Tension Control for Unwinder**  
This is suitable for high speed production machine to make bags for the Japanese market.

## HM-800DT / HM-1000DT

Super High Speed Fully Automatic 2 Track T-shirt Bag Making Machine



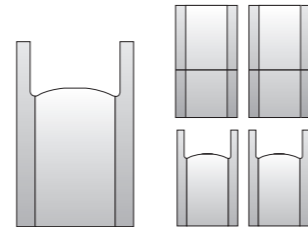
300 pcs x 2 = 600 pcs



**The EPC Control System (for DT series)**  
Whenever the film roll is not feeding in order, it could be adjusted by EPC control unit and the film feeding will be corrected to the right position. This system will enhance the productivity of machine and there will provide one set of EPC for each line.

## HM-800VVE / HM1000VVE

High Speed Fully Automatic T-shirt Bag Making Machine  
with Servo-Drive



260 cycles/min

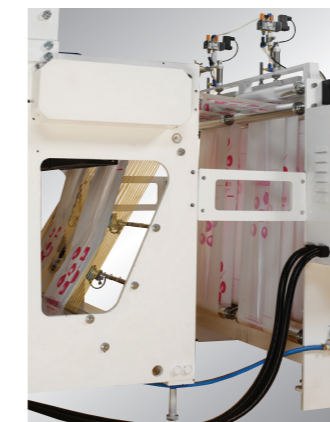


This is a special design of practical type T-shirt bag making machine, operating in fully automatic system. This machine including inverter motor driven system in unwind unit, EPC control for dual line and finish product folding unit, providing the highest production speed and output.

- Special design servo-driven bag feeding is easy to operate.

- Equipped with multi auto alarms and automatic stop design.
- High efficiency production.
- The whole pile of bags has the "Rocking System", which would not make the 2 pcs of bags' sealing stick together.

## FEATURES

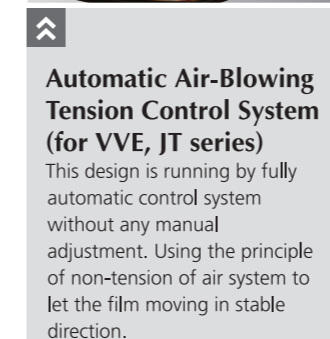


### Servo Feeding Control System & Printing Photo Cell (for DT, VVE, JT series)

The newly designed big monitor servo feeding control system can manage the "Set Up" data with high speed. The unique design printing bag control system enhance the productivity and easy to operate.

### Sealing Knife "Turnover" Device (for DT, VVE, JT series)

**The Newly Designed Structure of Sealing Knife**  
When clean the Sealing Knife, it can move the whole stack bags away, and the sealing knife can turn over for cleaning. To ensure the safety and keeps the maintenance easy. Meanwhile, the punch device driven by air cylinder.



### Automatic Air-Blowing Tension Control System (for VVE, JT series)

This design is running by fully automatic control system without any manual adjustment. Using the principle of non-tension of air system to let the film moving in stable direction.



### Inverter-motor Tension Control Unwinder (for DT, VVE series)

The plastic roll of this unwinder is driven by inverter motor, and it can automatically change the feeding speed based on the machine's speed requirement. This is suitable for the high speed production machine, and the max. plastic roll dia. is 1200 mm.

## SPECIFICATIONS :

Model	Bag Size		Max. Production Speed (cycles/min)	Thickness of Film (mm)	Heaters (kw)	Power Required (kw)	Machine Dimensions			Machine Weight (kg)	Gross Weight (kg)	Air Compressor (not included) (hp)
	Width (mm)	Length (mm)					L (m)	W (m)	H (m)			
HM-800DT	max. 330 x 2	max. 700	max. 300	0.01~0.035	7	10	6.6	1.64	1.8	2500	900	10
HM-1000DT	max. 430 x 2	max. 700	max. 300	0.01~0.035	8	11	6.6	1.85	1.8	2700	3100	10
HM-800VVE	max. 330 x 2	max. 700	max. 260	0.008~0.035	7	10	6.0	1.64	1.8	2500	2900	7.5
HM-1000VVE	max. 430 x 2	max. 700	max. 260	0.008~0.035	8	11	6.0	1.85	1.8	2700	3100	7.5
HM-800JT	max. 330 x 2	max. 700	max. 200	0.008~0.035	8	10	7.0	1.64	1.8	2800	3600	7.5
HM-1000JT	max. 430 x 2	max. 700	max. 200	0.008~0.035	9	11	7.0	1.84	1.8	3000	3800	7.5