



**Name: PVC/LDPE Stripping Extruder**

1.] Model:

MODEL	Screw dia.	L/D	Screw RPM	Output (Kg/Hr)		Motor (HP)
				PVC	LDPE	
* EV-32	32	22-24	120	22	15	
EV-40	40	24	120	38	30	
* EV-50	50	24	120	65	44	

\*The information above may differ due to compound of material.

2.] Features:

2.1.) Type:

2.1.1.) For Model EV-32V, vertical type with triangle legs with short space for color stripping only

2.1.2.) For Model EV-32-40-50, horizontal compact type with three directions free portable support stand

2.2.) Application: to combine with main extrusion line for PVC/LDPE wire color stripping and/or skin sheathing

2.3.) Screw: BM type, C/R: 3.0

2.4.) Driven motor: AC motor c/w Inverter

3.] Machine composition:

3.1.) Striping extruder ..... 1 set

3.2.) Injection point ..... 1 set

3.3.) Auto-Loading Hopper ..... 1 set

3.4.) Operation panel w/ cabinet ..... 1 set

3.5.) Portable support stand ..... 1 set



#### 4.] Detail specifications:

##### 4.1.) Main body of extruder:

###### 4.1.1.) Screw type:

- a.) Single thread compression type for color stripping
- b.) BM Double thread compression type for skin sheathing

###### 4.1.2.) Screw material:

- a.) Material used: SACM1
- b.) Treatment: to be nitrogenous treated after precision processing for screw thread and hard chrome plating for concave portion. hardness up to 80HS

###### 4.1.3.) Cylinder:

- a.) Material: SACM 1
- b.) Treatment: to be treated after precision processing, hardness up to 90HS

###### 4.1.4.) Gear box:

- a.) Box: a reduction worm gear box to be fitted on the support stand
- b.) Transmission: flange type AC motor > gear box > screw

###### 4.1.5.) Injection point:

- a.) Type: screw joint type fix to the die holder of main extruder from top direction of the main cross head
- b.) Clamp of x-head: 4 bolts lock type

###### 4.1.6.) Hopper:

- a.) Type: cone type
- b.) Capacity: kg for EV-32 & EV-40, 25Kg for EV-50
- c.) Shape: a viewing window, a take out port and a shutter to be fitted

###### 4.1.7.) Loading of PVC: By manual (auto-loading is optional)

##### 4.2.) Temperature controller:

###### 4.2.1.) Type: Main control panel installed in the support stand, operation panel mounted near the cross head position for easy operation

###### 4.2.2.) Temperature controller: PID type $\pm 1^{\circ}\text{C}$ .

###### 4.2.3.) No. of temperature controller: 4 sets total

Cylinder zone: 3 sets

Injection point: 1 set

###### 4.2.4.) Heater:

Cylinder: stainless steel band type 3 sections

Injection point: 1 set

###### 4.2.5.) Cooling: fan cooling

- a.) Cylinder: by 3 pcs of square cooling fans attached on the cover of cylinder.
- b.) Injection pointed: by natural cooling



- 4.2.6.) Application of operation panel:
- a.) Power source control
  - b.) Heating control
  - c.) Ampere/voltage meter
  - d.) Temperature controller

4.3.) Portable stand:

- 4.3.1.) Type: support stand with free rotating and forward/backward moving device, machine is very easy to mount with main extruder.
- 4.3.2.) Center height adjust: done by air cylinder for small adjust during joint work between injection point and the main extruder for precision adjusting

4.4.) Triangle stand: (Option)

- 4.4.1.) Optional order for EV-32V 32mm Color stripping extruder incase of small space occupied propose
- 4.4.2.) Type: portable type with triangle legs
- 4.4.3.) Height adjust: with a gear lack on the support stand, height of extruder is adjusted by a handle wheel
- 4.4.4.) Triangle leg: with moving roller and fix bolt

5.] Operation direction: Right hand (from left to right)

