

e·PELLETER
C·PELLETER

EP50-4/EP50-8/CP200-4/CPB200-4

 **HOLON SEIKO CO., LTD.**

www.holon-seiko.co.jp

e·PELLETER

EP50-4 / EP50-8

Patent-granted

Air-cooling Type Pellet Production Machine (for stand-alone use)

epochal

This is a pellet producing machine for molding plants. It cuts the melted strands that are pushed out by the super short screw extrusion machine into pellets.

This responds to unsatisfactory molding with granulating materials, especially engineering plastic, and produces pellets that are the same shape as those made out of virgin material.

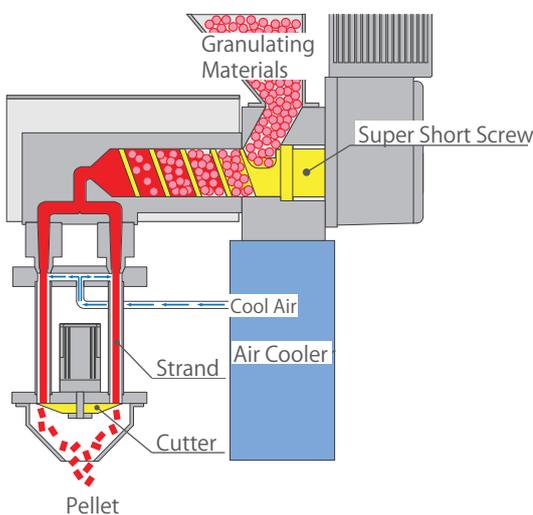
Also it is applicable for coloring with masterbatch.

Additionally, its air-cooling system needs no preliminary drying before molding.



EP50-4

■ EP50 Structural Diagram



economic

This simple design makes the price reasonable.

Around 30% cost reduction than the previous model (EP4) has been achieved by improving the extrusion mechanism.

Its compact design is one of the key features of this machine.

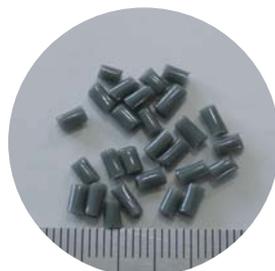
easy

The melted strands are automatically fed into the cutter with air-cooling, which saves burdensome manual operations inside the equipment.

You can operate easily by setting heater temperature, air flow volume and speeds of screw and cutter.



LCP (Nozzle ϕ 3)



PA6 (Nozzle ϕ 2.5)



PBT (Nozzle ϕ 2.5)



Elastomer (Nozzle ϕ 2)

C•PELLETER

CP200-4 / CPB200-4

Patent-pending

Air-cooling Type Pellet Production Machine (for production line (in-line)use)

compact

This compact design allows easy installation alongside your molding machine.

We propose replacement of the existing granulator by this machine.

Also it can be linked to a hopper loader when the vacuum collector device (optional accessory) attached.



CP200-4



CP200 Granulator Blades

built-in cutter

Now e•Pelleter equips a granulating cutter inside.

After loading of runners expelled from the molding machine, runners get granulated by the cutters and melted with the screw to form recycled pellets.

This system allows an instant pelletization of fixed runners following the molding cycles.

cost saving

We simplified the granulating mechanism and reduced the numbers of parts significantly.

Around 40% cost reduction than the previous model (CP4-250) has been achieved.



CP200 Installation Example



CPB200-4

New machine with fixed quantity mixing arrived.

Fixed quantity mixing equipment installed CPB200 has been newly developed.

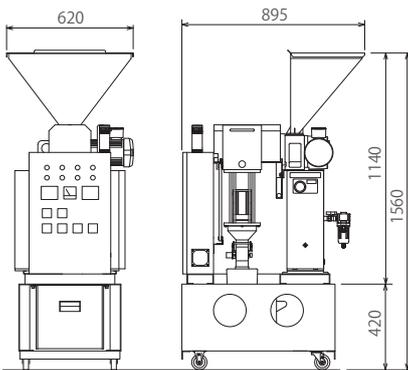
This can perform operations from granulating to pelletization and mixing by only this one machine.

It mixes recycled pellet and virgin materials at a certain fixed rate.

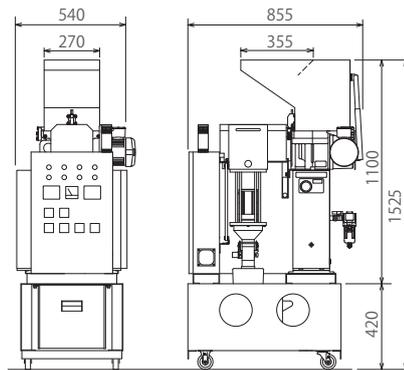
All an operator has to do is to load the materials. This machine will do the rest of works automatically.

Outer Dimensions

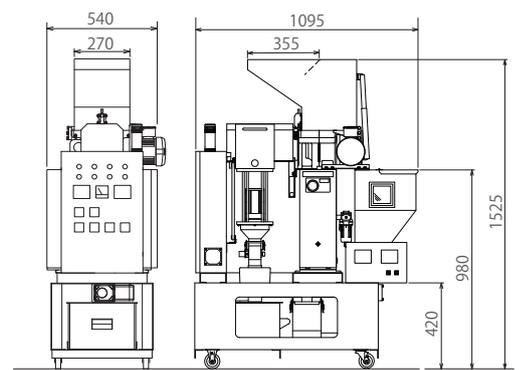
EP50-4/EP50-8



CP200-4



CPB200-4



Specifications

	Air-cooling Type Pellet Production Machine (for stand-alone use)		Air-cooling Type Pellet Production Machine with Cutters (for production line(in-line) use)	
	—		With fixed quantity mixing	
	EP50-4	EP50-8	CP200-4	CPB200-4
Power	Three-Phase AC200V(50/60Hz)		Three-Phase AC200V(50/60Hz)	
Motor Capacity (kw)	0.5		0.5	
Heater Capacity (kw)	3.3		3.3	
Nozzle ID (mm)	φ2 , φ2.5 (Standard) , φ3		φ2 , φ2.5 (Standard) , φ3	
Number of Nozzle	4	8	4	
Length of Pellet (mm)	~5		~5	
Air Consumption (L/min)	~100 (Required 0.75KW Compressor)		~100 (Required 0.75KW Compressor)	
Weight (kg)	150		170	200
Runner Size (L·Dmm)	—		~200 · ~ 8	

Standard Equipment

	Function	Note
Signal Light	Light and buzzer notify abnormalities occurred.	
Cutter (Spare Part)	One set of cutter for the pelletizer included as a spare.	
Cooling Pipe(Spare Part)	Cooling pipe included as a spare.	

Option

	Function	Note
Vacuum Collector Device	A box which can be connected to the hopper loader.	CPB200-4 includes this as standard.
Automatic Shutdown Function	When materials emptied, the main power will turn off automatically.	
Collector-full Alarm	When pellet collector full, this will turn the alarm on.	

- Model EP and CP are required compressed air.
- Electrical power cord measures 4.5 meters. All models require an adaptor with three-phase , which is not included.
- Specifications and design are subject to change without prior notification.
- All of our machines feature a one year warranty effective from the date of installation. This warranty is limited to the replacement of parts. Holon Seiko assumes no liability for the products produced from these machines, for any difficulties encountered in the production process, or for any loss that may result from these problems.

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