

Automatically sorts "runners and products"  
or "products of different size"

MSP

(Pat. No. 1672020)

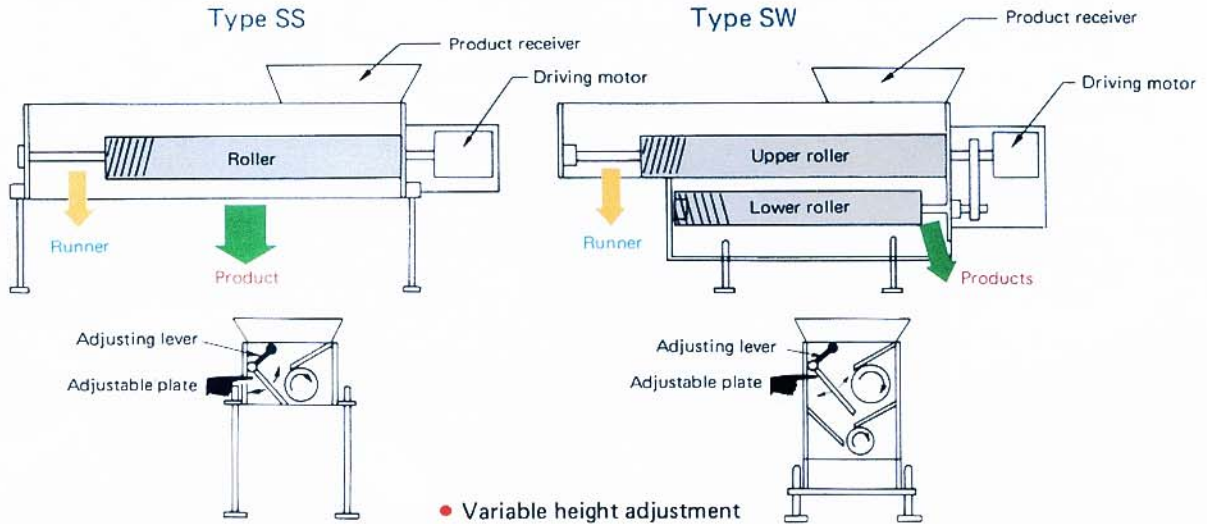
# RUNNER/PRODUCT SEPARATOR

"Runners and products" automatically molded and separated, or products different in size molded in the same mold can be automatically sorted.

## STRUCTURE

### SET-UP

This equipment involves the use of a "spiral shaped roller", an "adjustable exit plate", and an "adjusting lever"

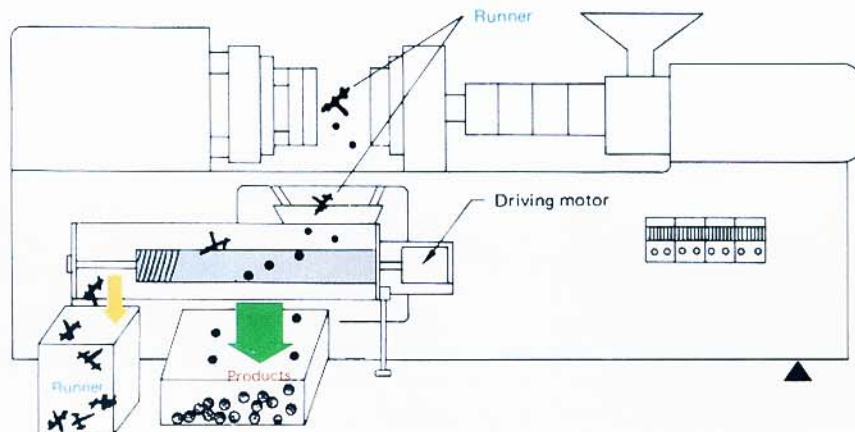


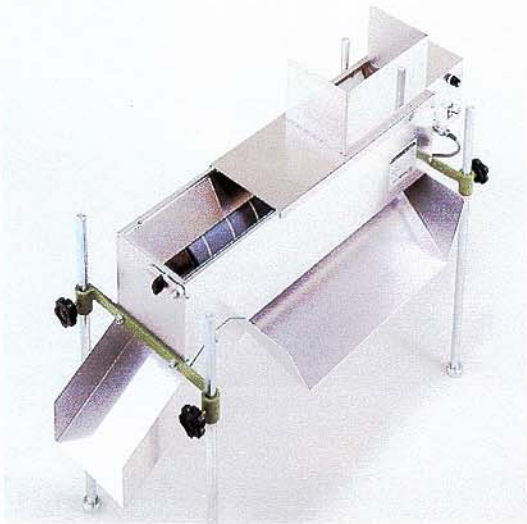
## DESCRIPTION OF FUNCTION

- "Products and runners" are dropped together into the product receiver; larger-sized products are transferred along the length of spiral roller by the screw action of the roller threads; smaller runners merely fall between the spiral roller and the adjustable plates and are collected in the runner bin. Products are collected in a separate bin at the far end of the roller.
- Type SW "products" drop from the adjustable plate and are carried in the opposite direction of the products by a second spiral roller and collected.

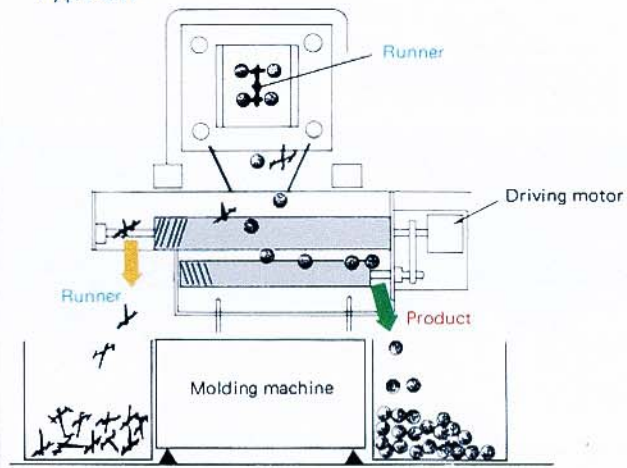
## EXAMPLES OF SEPARATOR EQUIPMENT IN USE

Type SS





Type SW



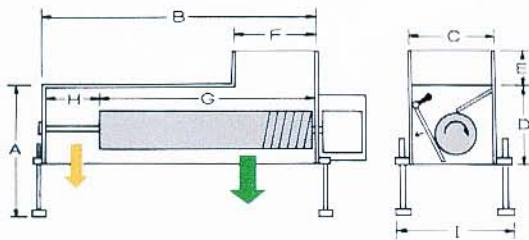
- So light and compact, it can be set on the floor or even on the bed of a molding machine.
- The adjustable plate opening can be easily adjusted by the lever.
- No fears of rust — the unit is made from aluminum alloy.
- A small precision motor with a reduction gear drives the unit with a power consumption equivalent to a 20W bulb.

**STANDARD SPECIFICATIONS**

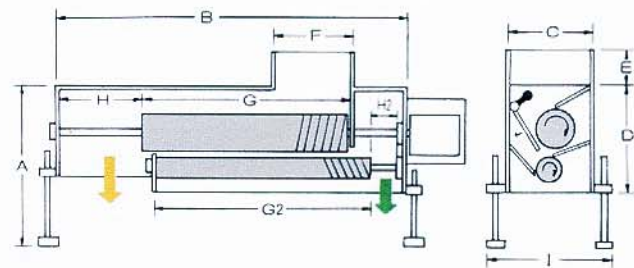
(Unit: mm)

Specifications	Model	SSC-1	SS-1	SS-2	SS-3	SR-1	SR-2	SW-1	SW-2	SRW-2	
A length		150~300	200~600			250~600		300~600			
B length		416	500	600	670	780	916	850	950	1116	
C length		90	150			200		150		240	
D length		80	150			200		250		260	
E length		100	120			200		120		200	
F length		100	170	220		280		220		280	
G length		350	400	500		600	700	500	600	700	
G 2 length									465	565	625
H length		50	84		154	164	200	142		200	
H 2 length									145	151	
I length		180	320								
Outer diameter of upper roller		φ47	φ88			φ113		φ88		φ112	
Outer diameter of lower roller									φ59		
Weight		5.8kg	13.9kg	15.6kg	15.9kg	22.9kg	24.9kg	22.9kg	24.6kg	31.7kg	
Motor output		6W	15W					25W			
Reduction		1/10				Variable speed		1/10		Variable speed	

Type SS, Type SR



Type SW, Type SRW



- Multi mechanism (defects separator) can be used with all equipment except the SSC-1.
- Can be equipped with a 100V or 200V motor.
- According to runner shape, manufacturer specifications can be accommodated.
- Design alterations may occur.