

## SPRING SEPARATORS



### FEATURES:

Four models available to handle a wide range of parts.

Fully mechanical spring separator.

No air-Operates on 115V, 60 HZ.

Handles springs up to  $\frac{3}{4}$ " diameter by  $1 \frac{3}{4}$ " long.

Also separates some types of wire forms, retaining rings and snap rings.

Can be used as operator assist, discharging to tack boards, conveyors or combined with a vibratory feeder for a more comprehensive system that permits automating spring loading stations on assembly systems, etc.

PSS-9U available with a urethane drum and variable speed D.C. motor for handling fragile parts.

When used with a vibratory feeder, tangled springs are automatically fed into the Spring Separator and returned to the discharge of the vibratory feeder bowl as separated parts.

Parts are tracked and oriented end-to-end and good parts exit the bowl from a tube-type discharge. Parts that become entangled during the feeding process are recirculated into the spring separator, separated and again fed into the bowl. The units come in a number of sizes and configurations to meet a wide variety of specific customer needs.



**PERFORMANCE FEEDERS, INC.**



[www.PerformanceFeeders.com](http://www.PerformanceFeeders.com)

## SPECIFICATIONS AND ENGINEERING

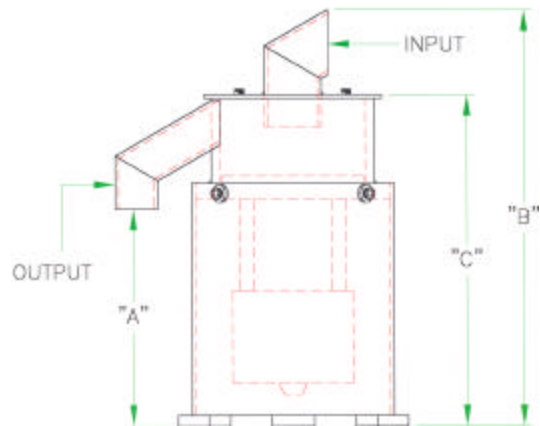
**SPECIFICATIONS:**

**Model**

**PSS-6**      Constant Speed  
 Motor..... 1/9 hp, 1700 RPM  
 Voltage.....115V, 60 Hz

**PSS-9U**     Variable Speed  
 Motor. 1/4 hp, 1750 RPM max.  
 Voltage..... 90V, 60 Hz

**PSS-9S**     Variable Speed  
 Motor..... 1/4 hp, 1750 RPM  
 Voltage..... 90V, 60Hz  
 Constant Speed  
 Motor..... 1/3 hp, 1725 RPM  
 Voltage..... 115V, 60Hz



**ENGINEERING:**

Model	A	B	C
PSS-6	7.5"	14.12"	11.75"
PSS-9U	11.75"	22.38"	17.25"
PSS-9S	11.75"	22.38"	17.25"

**Complete Separators**

Part #	Description
010001000	6" Steel Spring Separator
010001100	9" Steel Spring Separator - Variable Speed
010001101	9" Steel Spring Separator - Constant Speed
010001200	9" Urethane Spring Separator

**Replacement Separator Parts**

010001024	6" Blade (2 Required)
010001124	9" Blade (2 Required)
010001249	9U Drum / Rotor Assembly

Once you have located the part #, call us at 813.855.2685 to place your order.