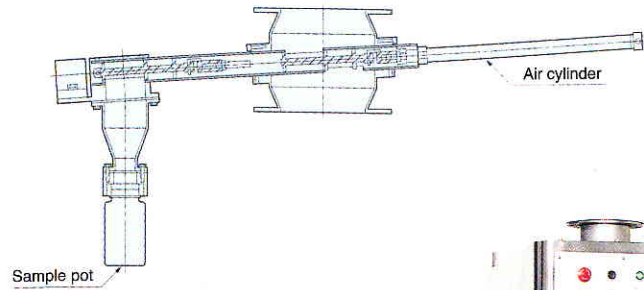


OPTION

■ Automatic Sampler

This sampler can be installed on the top part of Hosokawa/Stott system before material feeding and enable to sample directly from the line.



■ Roller Conveyor

(Automatic type roller conveyor is also available)



■ Height-Adjustable Table-Manual

(Suitable for material filling to different bags that height is varying)

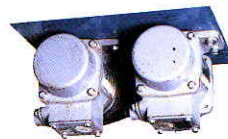


■ Sealing / Pinch Valve rubber material

Natural rubber orange color - standard  
Natural rubber (white), Nitrile rubber (black, white), EPDM available

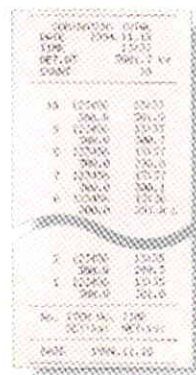
■ Base-Vibrator

(Tapping type available)  
To densify material filled in bag by vibration



■ Printer

To print out "Date", "Time", "Product code (in 6 figures)", "Set weight - Actual weight", "Sub / Grand total" for record



# HOSOKAWA/STOTT HYGIENIC FILLING & WEIGHING SYSTEM



Pat. No. 1834494  
2548630



Process Technologies for Tomorrow  
**HOSOKAWA MICRON CORPORATION**

Hosokawa Micron Corporation is a member of the Hosokawa Micron Group, responding to global needs through emphasis on materials science and engineering. The Group is an international provider of equipment and systems for powder processing, thermal processing, environmental protection, and plastics processing. The Group maintains facilities for research, engineering, manufacturing, and service in each of the world's major industrial markets.

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## HOSOKAWA/STOTT Hygienic Filling & Weighing System

- ① DUST FREE FILLING, PRECISE WEIGHING & EASY OPERATION
- ② MORE THAN 2000 INSTALLATION WORLDWIDE

### General

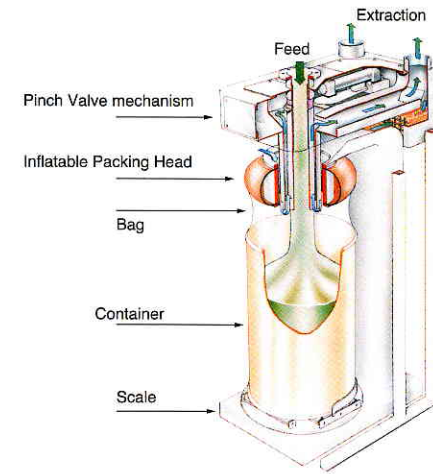
Hosokawa/Stott filling and weighing machine is manufactured and distributed by Hosokawa Micron Corporation under license of Hosokawa Stott Ltd. This machine equipped with Patented inflatable Packing Head can perform filling/weighing with no exhaust of dust, superior accuracy and good operationability. Especially suitable for chemicals, pharmaceuticals, food toxic material or the need to control "Absolutely free from dust emission"

### Design Features

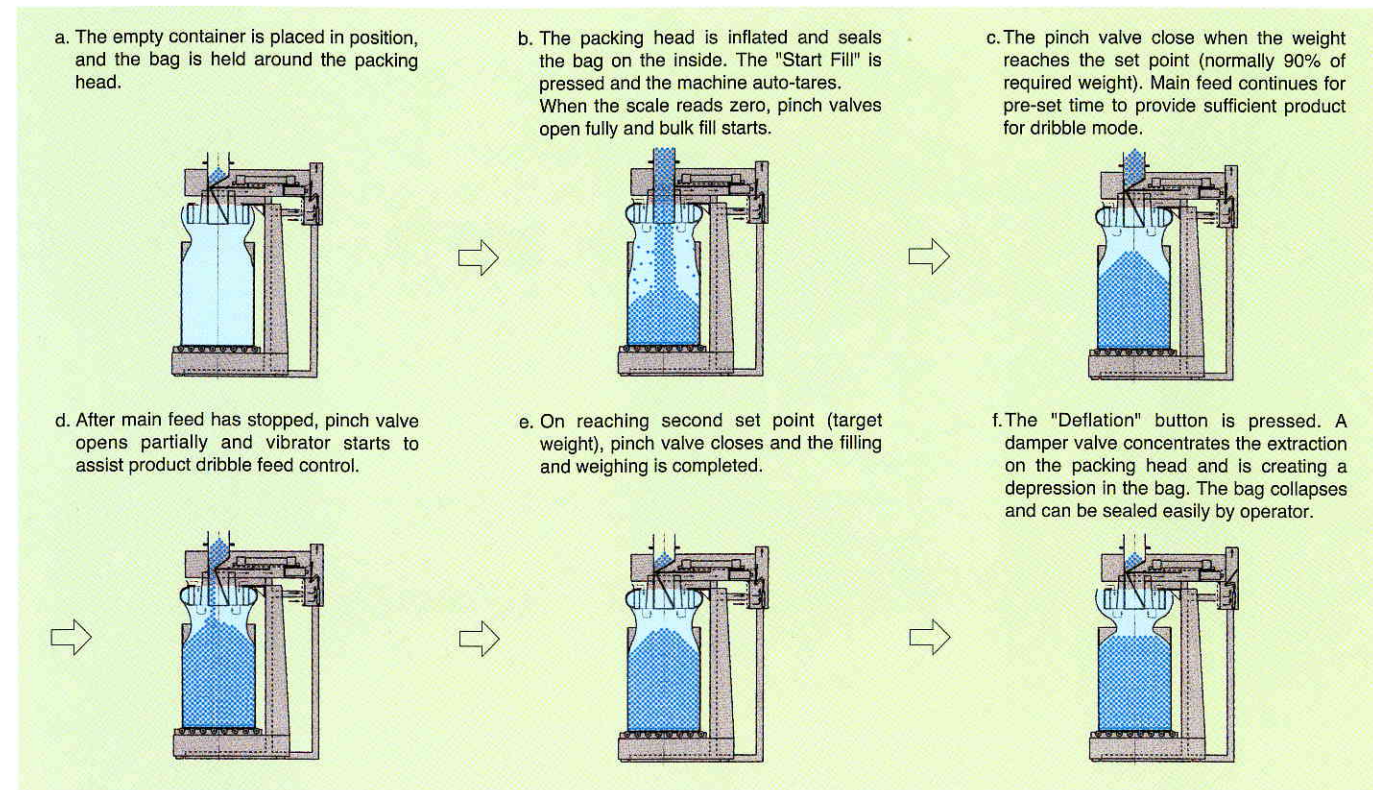
Quality, accuracy and superior design are the features of Hosokawa/Stott range of hygienic filling and weighing systems.

Basic construction shown on the right picture. The packing head inflates itself and effectively seal the bag. The unique construction of the packing head enables the ideal operation for material feeding, weighing and packing without dust-emission.

### Hosokawa/Stott Filling & Weighing system



### Operation



## 1. Standard System Type : STS (For Bags, Fibre drums)



Capacity of weighing machine : up to 150 kgs  
Capacity of filling volume : 1 to 80 kgs  
Minimum graduation : 10 gram  
Material of construction : Stainless steel 304

Surface finish for powder contact part : # 200 buffed polish  
Compressed air required : 200 liter/min at 5.5kgf/cm<sup>2</sup>G  
Air volume (suction) for dedusting : - 20 m<sup>3</sup>/min on removal of bag  
- Below 1 m<sup>3</sup>/min on filling  
Power supply : Single phase 100V 50/60Hz

The standard STS system includes the function of

- inflatable seal packing head (PH)
- Air extraction for dedusting
- Pinch valve for accurate feeding
- Control Panel

The accurate feeding can be controlled and achieved by Pinch valve in Packing head system. A common screw feeder, rotary valve can be used as metering devices for this system.

## 2. Big Bag System Type : BBS (For flexible container bags)

Capacity of weighing machine : 2000 kgs  
Capacity of filling volume : 100 to 1500 kgs  
Minimum graduation : 200 gram  
Material of construction : Stainless steel 304  
Surface finish for powder contact part : #200 buffed polish  
Compressed air required : 20 liter/min at 5.5kgf/cm<sup>2</sup>G  
Air volume (suction) for dedusting : - 10 m<sup>3</sup>/min  
Power supply : Single phase 100V 50/60Hz

The standard BBS system includes the function of

- inflatable seal packing head (PH)
- Air extraction for dedusting
- Control panel

The accuracy of feed rate is controlled and decided by a metering feeder installed before BBS filling system. Pinching valve is available for accurate control of feeding.



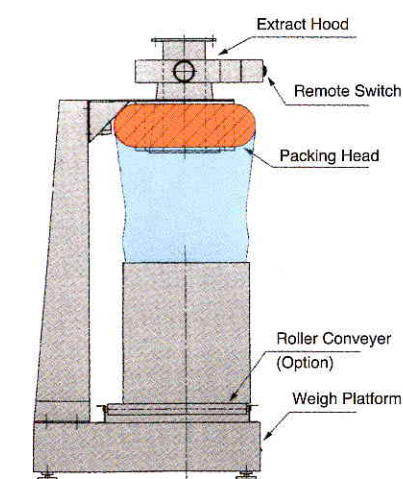
## 3. Packing Head System Type : PHS (For Bags, Fibre drums)

Capacity of weighing machine : 150 kgs  
Capacity of filling volume : 1 to 80 kgs  
Minimum graduation : 10 gram  
Material of construction : Stainless steel 304  
Surface finish for powder contact part : #200 buffed polish  
Compressed air required : 20 liter/min at 5.5kgf/cm<sup>2</sup>G  
Air volume (suction) for dedusting : - 5m<sup>3</sup>/min  
Power supply : Single phase 100V 50/60Hz

The standard PHS system includes the function of

- inflatable seal packing head (PH)
- Air extraction for dedusting
- Control panel

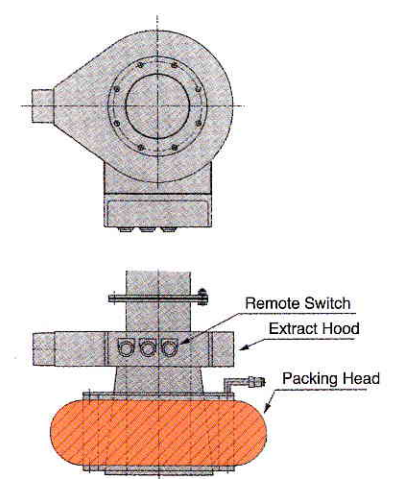
The accuracy of feed rate is controlled and decided by a metering feeding device installed before PHS filling system.



## 4. Packing Head Unit Type : PHU

Material of construction : Stainless steel 304  
Surface finish for powder contact part : #200 buffed polish  
Compressed air required : 20 liter/min at 5.5kgf/cm<sup>2</sup>G  
Air volume (suction) for dedusting : - 5m<sup>3</sup>/min on removal of bag  
Power supply : Single phase 100V 50/60Hz

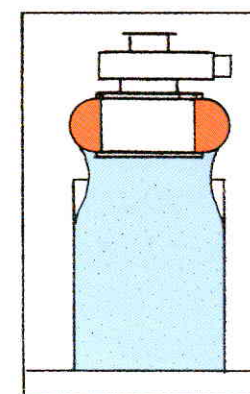
This Packing Head Unit (PHU) is consisting only of inflatable seal packing head (PH) with air extraction port assembly, and does not have weighing function.



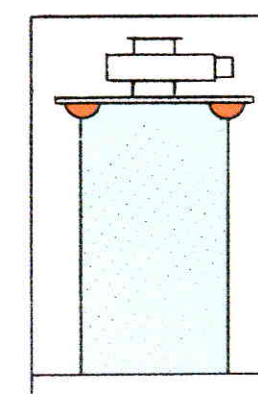
## OPTION for Hosokawa/Stott Filling & Weighing System

### Packing Head Type

PH Type (Sideways inflatable sealing)



DS Type (Downward inflatable sealing)



DSS Type (Downward solid sealing)

