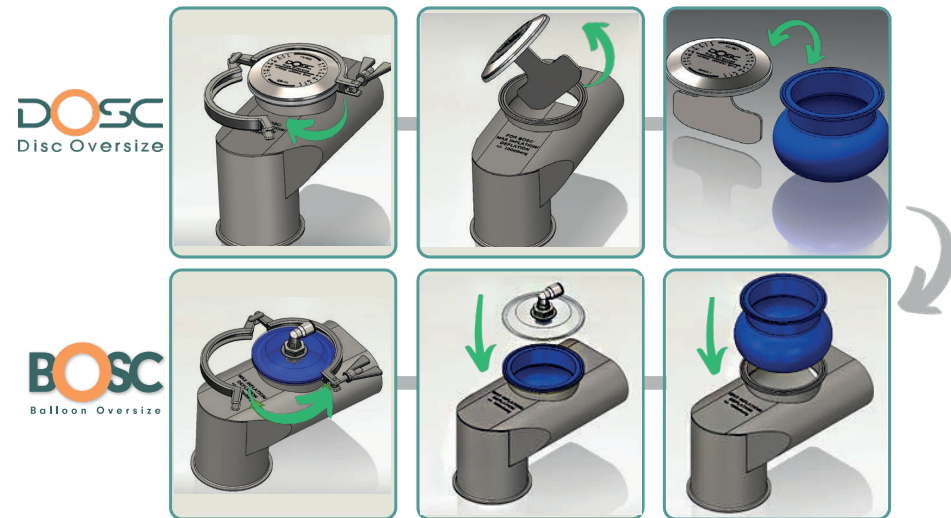


# Flow Applications/Parameters

Application	Inflation	Deflation
Gravity/Atmospheric pressure	+200mbarg	-200mbarg
Vacuum (0 to -200mbarg)	+100mbarg	-400mbarg
Vacuum (-200mbarg to -500mbarg)	None required	-700mbarg
Pressure	Process line pressure + 200mbarg	None required

## Retrofit from DOSC

If you have a DOSC option, you can retrofit to a BOSC option.



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## Outlet Control Option



for the Sievmaster  
Slimline Range



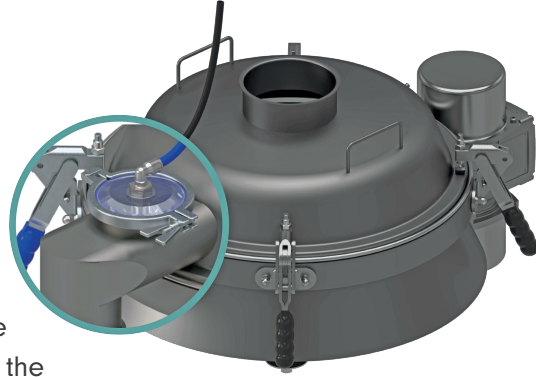


## What is the BOSC?

The Balloon Oversize Control (BOSC) for the Slimline product range is designed as an easy to integrate solution that can be installed within the footprint of the original Slimline machine. It uses a specially shaped silicone balloon which expands to create a seal between the Oversize Outlet and mesh screen.

The BOSC is easy to use, low maintenance, and is designed with special consideration for the food, pharmaceutical, and other hygiene-conscious industries.

The BOSC works most effectively in process lines that sieve product continuously. The option can substantially increase the throughput of a machine by utilising the full mesh area without fine product being undesirably rejected from the oversize outlet. The BOSC option excels in installations with limited space, providing higher efficiency where larger machines are not an option.



## Return on Investment

On a typical Slimline application sieving efficiency increased from

**99.7% to 100%\***

\*Depending on application. We used a real-world production environment testing with an industrial partner, sieving common food products such as milk powder, flour, sugar, Maltodextrin, and coffee.

**This equates to making your investment back within just 15 days!**

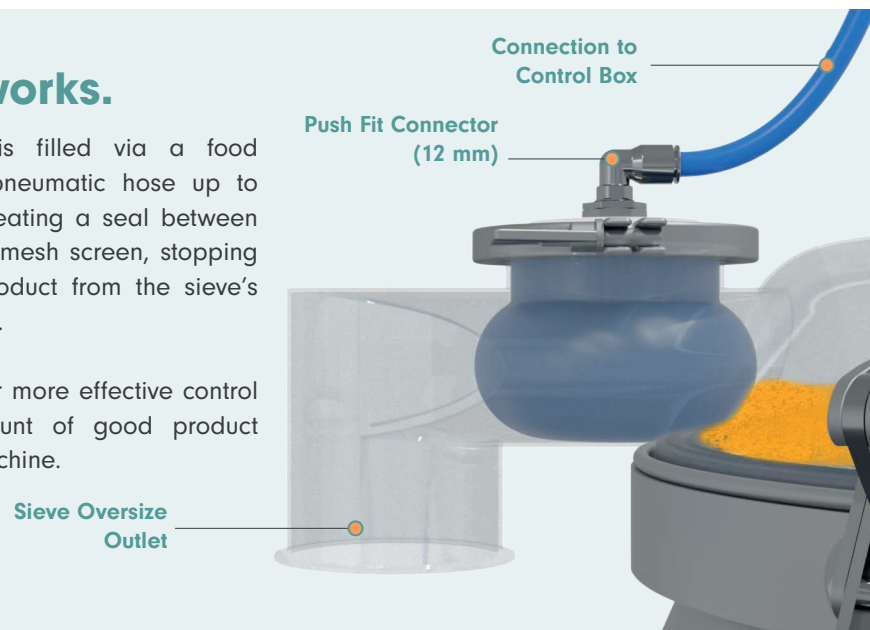
Throughput (kg/h)	Saving (per 24h day)
1,000	£72 - £720
5,000	£360 - £3,600
10,000	£720 - £7,200

(Figures are based on an upgrade from a manual oversize option processing £1/kg product at 1000kg/h - no control system included - new machines only).

## How it works.

The balloon is filled via a food safe flexible pneumatic hose up to +200mbarg, creating a seal between the outlet and mesh screen, stopping the flow of product from the sieve's Oversize Outlet.

The result is far more effective control over the amount of good product leaving the machine.



## Features & Benefits

- BOSC controls the amount of 'good product' being ejected from the sieve's Oversize Outlet.
- Suitable for both dry and liquid applications. Holds up-to 130mm head of water +200mbarg.
- Clear vision port: for ease of inspection without the need for disassembly.
- Easy to clean, can be removed without tools from outside the sieve's gallery.
- Available in white or blue metal detectable silicone Food Grade certified to EC 1935/2004.
- Automatic Control Option available.