

QSS Air Sifter

Separates bulk materials of various specific weights.



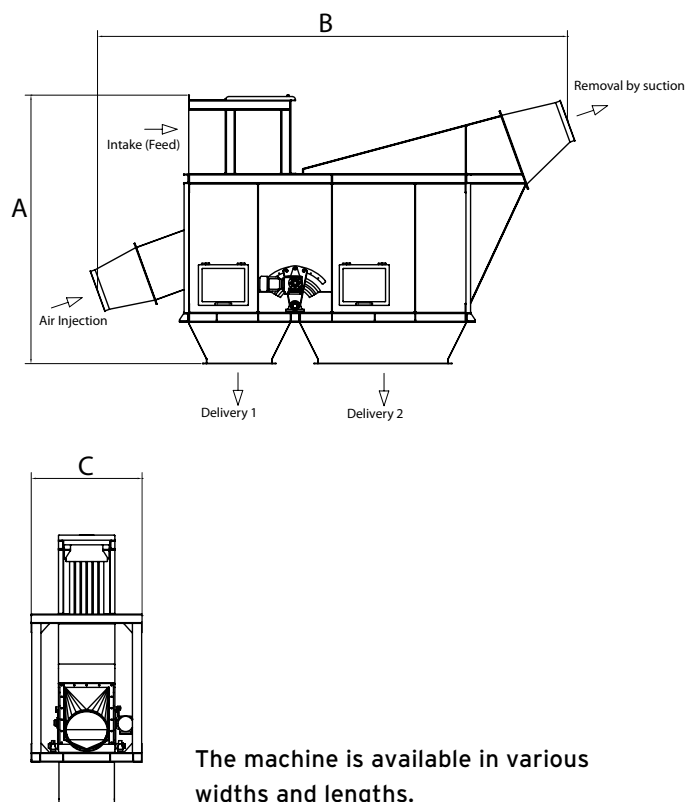


QSS Air Sifter

The Machine:

The machine sorts lumpy bulk materials according to their shape and size.

Get a practical idea of your required machine size through experiments at our Technology Centre.



The machine is available in various widths and lengths.

Functionality:

The sorting material is fed into the chute of the cross-flow sifter, and divided across the entire cross-section of the sifter. The sifting air generated by the fan flows horizontally through the sifter across the whole length of the machine, diverting and then separating the feed material according to its specific weight.

The material with a higher density falls down quickly because of its weight, and is discharged at Delivery 1. Moderately heavy material is diverted through the horizontally aligned air flow and discharged at Delivery 2. Lightweight fractions are captured by the air flow and deposited through the suction holes. The dividing-point is controlled by dampers, the positioning of the air injection shaft and the air volume.

The air sifter can be operated in recirculated as well as exhaust air. The discharged air is cleaned through a downstream filtration system or by a cyclone filter.

Model	A	B	C
QSS 500	2900	4650	500
QSS 750	2900	4900	750
QSS 1000	2900	5150	1000
QSS 1250	2900	5400	1250
QSS 1500	2900	5650	1500

Extract from our product range, further models are available on request.

