



Cylindrical Cascade
Aspirator.
OLSA.

High Throughput Cylindrical Cascade Aspirator. **Various Separating Applications.**

Bühler's cylindrical cascade aspirator is applied in the oilseed processing and grain processing industries. It fulfils a number of separating and cleaning applications for grains, oilseeds and prepared products. It extracts damaged kernels from all kinds of cereals and removes dust and fibers.

Application.

The Cylindrical Cascade Aspirator OLSA fulfills several separating and cleaning applications. It separates mixtures of oats, rice and soybean hulls. Furthermore, the aspirator cools and aspirates intermediate and finished products. It extracts damaged kernels from all kinds of cereals and removes dust.

High throughput.

The product to be separated is continuously funneled and fed at the top of the aspirator. A distribution cone regulates and cylindrically distributes the flow of material into the separating cascades. Due to the number of cascades, the material is exposed to a cross-current of air several times, blowing light particles to the center, while heavy particles fall down to the product outlet.

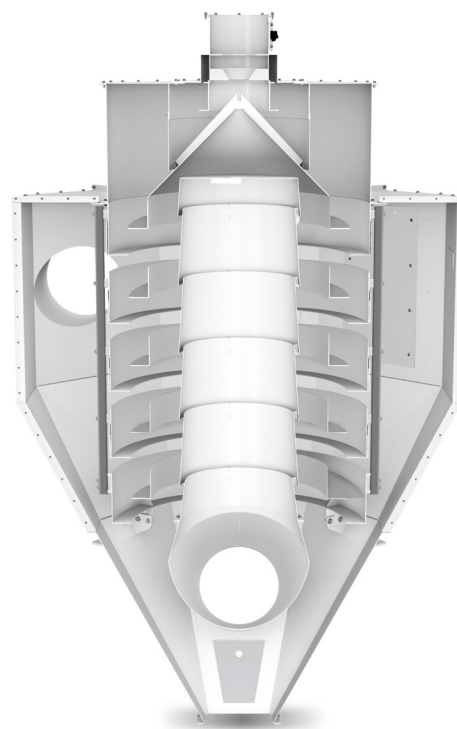
Versatile applications.

The aspirator OLSA comes in two executions. In the case of warm and hot dehulling of soybeans, the aspirators feature aspiration housing for air recycling (U model). For other separating processes at ambient air temperatures, the aspirator OLSA comes without an air recirculation hood.

Mode of operation.

The product to be separated is centered and cushioned by an intermediate funnel. Its volume is regulated by a flexible cylinder which is controlled by a crank chain system. The applied product goes through a distribution cone and – cylindrically distributed – falls into the cascaded separation zones. In these five zones, the product is exposed

to air flow where lightweight particles are carried into the central duct and heavyweight particles are guided to the product outlet. This multiple aspiration results in a high degree of cleaning and separating efficiency.

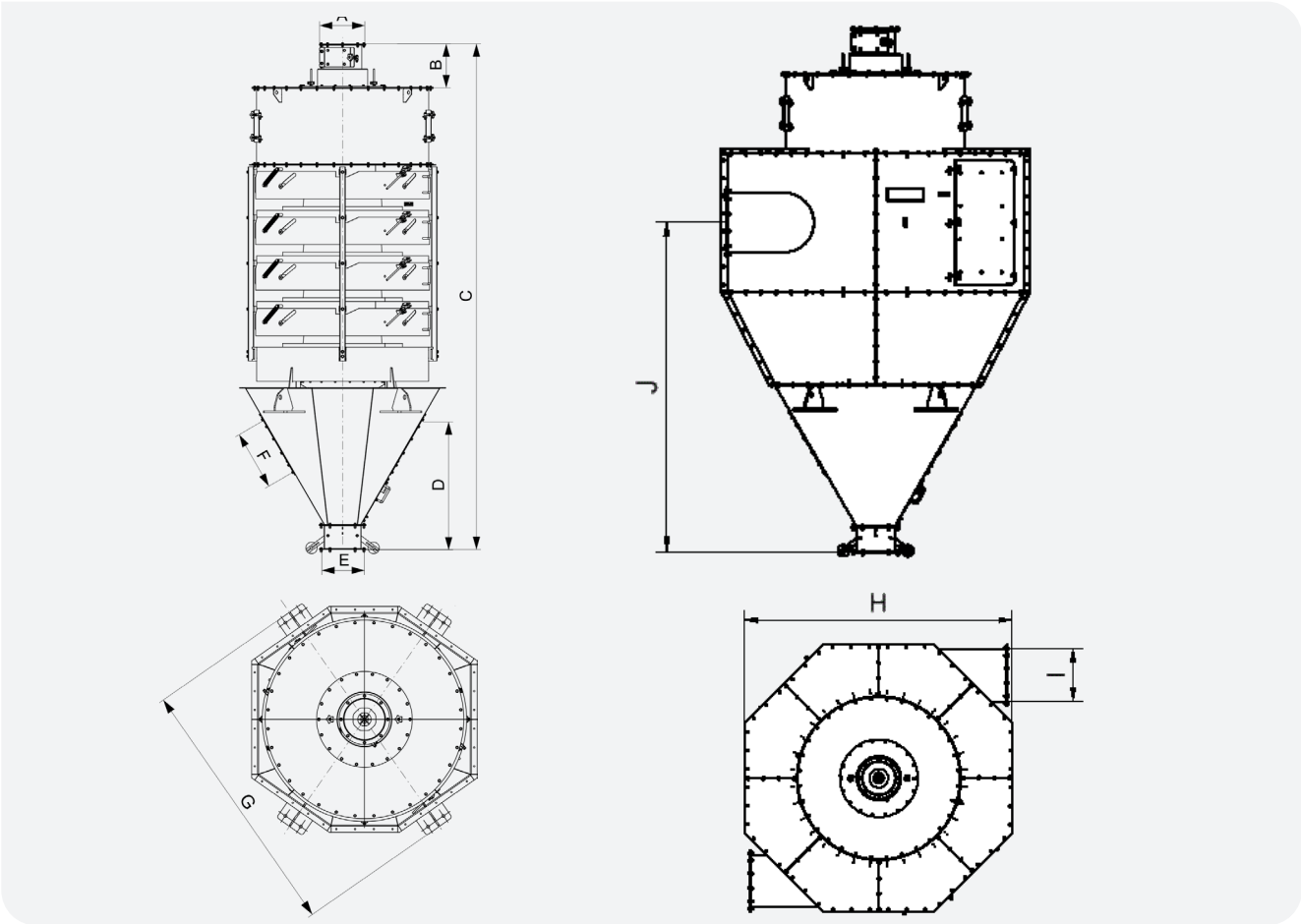


Advantages:

- High throughput
- Versatile applications
- High cleaning and separating efficiency

High Throughput Design. In-depth Cleaning Options.

		OLSA-1500	OLSA-1500 U	OLSA-1950	OLSA-1950 U
Dimensions					
A	mm	325	325	337	337
B	mm	380	380	379	379
C	mm	4430	4430	4740	4740
D	mm	1200	1200	1250	1250
E	mm	320x422	320x422	410x576	410x576
F	mm	512	512	550	550
G	mm	2090	2090	2570	2570
H	mm		2610		3176
I	mm		500		550
J	mm		2790		2930
Weight	net kg	1500	2100	2390	3100



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