

Oscillating Sieve

DFTA



DFTA Oscillating Sieve.

Solutions for pelleting and grinding systems.



DFTA oscillating sieve.

Applied for optimal separation of pellets and crumbles.



DFTA oscillating sieve.

Applied in grinding systems for primary sieving ahead of hammer mills.

The DFTA oscillating sieve is applied mainly in animal feed manufacturing plants and oil mills.

In pelleting systems, it is used for separating pellets and crumbles and for final sifting.

In grinding systems, it is applied for primary sieving ahead of hammer mills (to reduce power requirements) and in multi-stage grinding systems to obtain different fractions (without changing screens in the hammer mill).

The oscillating sieve consists of a dust-tight sieve housing, which is mounted on vibration dampers supported by a frame.

The oscillating sieve DFTA-12 is equipped with two sieve decks.

The oscillating sieve DFTA-13/-23 is equipped with three or two sieve decks with a dummy bottom in between (twin-flow version).

Design versions

Three sieve sizes are available:

DFTA-12 sieve area $2 \times 1.2 \text{ m}^2$ (3 fractions)

DFTA-13 sieve area $2 \times 1.5 \text{ m}^2$ (twin flow)
or $3 \times 1.5 \text{ m}^2$ (4 fractions)

DFTA-23 sieve area $2 \times 2.6 \text{ m}^2$ (twin flow)
or $3 \times 2.6 \text{ m}^2$ (4 fractions)

with standard mesh widths ranging from 2 to 25 mm.

These five design versions cover a wide range of throughput capacities.

Clamping levers ensure fast sieve changes; when unclamped, they immediately release the insert frames.

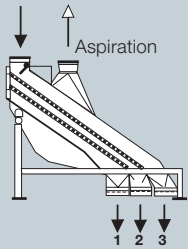
The sieve housing is mounted on four hollow rubber springs. This prevents transmission of oscillations to the building.

DFTA Oscillating Sieve.

Compact and efficient.

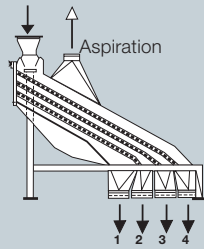
Possible applications

DFTA-12

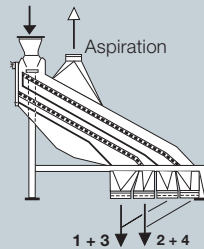


3 fractions

DFTA-13/-23



4 fractions

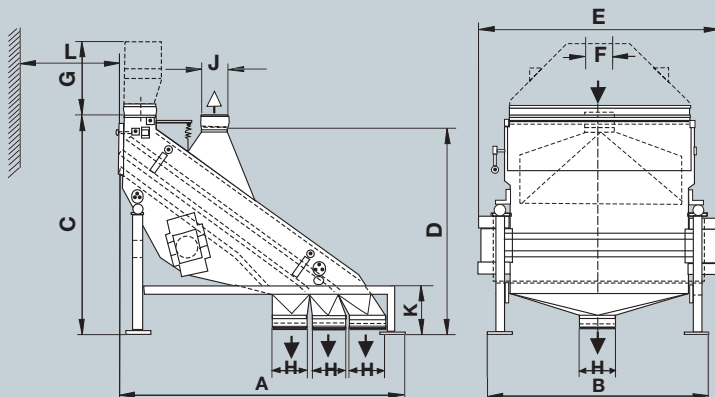


2 fractions (twin flow)



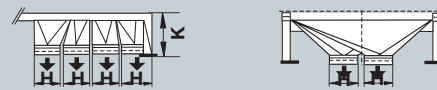
Cover opened for installing and removing the sieves.

Type DFTA-12



Type DFTA-13

Type DFTA-23



Dimensions, technical data, weights, etc.

Type	Dimensions of sketch in mm											Vibration motors		Approx. weights in kg			Volume seaworthy packing m ³
	A	B	C	D	E	F ∅	G	H ∅i	J ∅	K	L min.	Power requirement kW	Speed rpm	net	gross	sea-packing	
DFTA-12	1640	1255	1220	1160	1606	200/200	400	200	150	230	1300	2 × 0.33	960	330	360	525	3.2
DFTA-13	1935	1220	1700	1700	1610	200/200	500	200	150	285	1500	2 × 0.33	960	670	870	970	7.5
DFTA-23	2550	1722	2190	2075	2140	300/300	505	300	200	470	1200	2 × 0.75	960	880	950	1515	15.5

Bühler AG
CH-9240 Uzwil, Switzerland
T +41 71 955 11 11
F +41 71 955 28 96
www.buhlergroup.com

