

ERIMAKI SEPARATION EQUIPMENT

Tumbling Screen

Ideal for fines and light weight products



Shaking circular screens are characterised by their TUMBLING motion.

Thanks to their manufacturing technology and mechanics, they are widely used when, due to the nature of the products, vibratory movements would cause operational problems.

Applications

EFJ tumbling screens are typically used to sieve extremely fine and/or lightweight products (food flour, micronised materials, mineral powders, plastic powders).

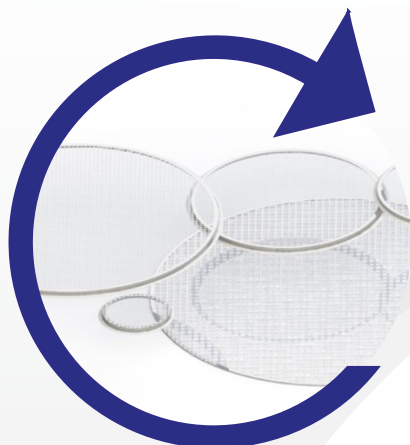
Should we use a typical vibrating screen, we would notice the product would rebound and tend to remain suspended, hardly coming into contact with the sieving mesh; this would result in the inefficient separation of the different particle sizes and anyway in extremely low hourly rates.

Features:

With tumbling the product, instead of rebounding, slides spirally onto the sieving mesh, thus increasing the possibility that it passes through the mesh; this results in an excellent degree of separation and in extremely high hourly rates. In simple words, the movement generated by EFJ screens is similar to that of manual sieving.

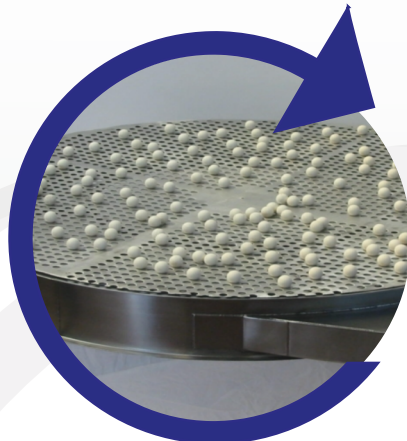
The EFJ screens consist of a carbon steel pyramidal base, topped by the screening unit, made of carbon steel or stainless steel, including one to four screening surfaces. All machines are supplied complete with cover. If needed you may install "ball" or "kleener" mesh cleaning systems.





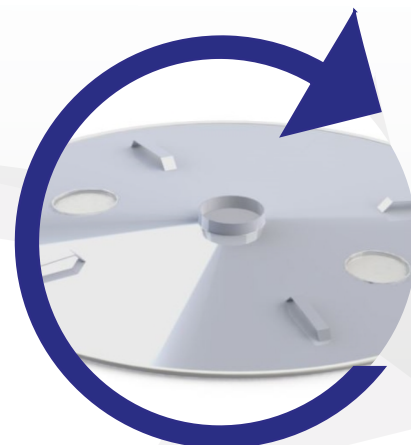
Self-cleaning ball-system

Frees the sieving mesh from obstructions



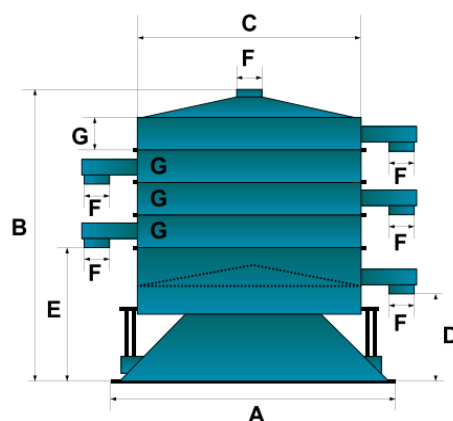
Cover

Installed to prevent dust dispersion into the environment



Meshes

Opening ranging between 25 microns and 30



B = Total height

Ø	900	1200	1500	1800	2200
1 MESH	725	725	1545	1545	1545
2 MESHES	890	890	1710	1710	1710
3 MESHES	1055	1055	1875	1875	1875
4 MESHES	1220	1220	2040	2040	2040

OVERALL DIMENSIONS Ø 900/1200/1500/1800/2200

Ø	900	1200	1500	1800	2200
A	700x700	700x700	1600x1600	1600x1600	2000x2000
C	900	1200	1500	1800	2200
D	360	360	870	870	870
E	525	525	1180	1180	1180
F	Ø 150	Ø 150	Ø 200	Ø 200	Ø 300
G	165	165	165	165	165