



SEPARATION

OPTIMUM SOLUTIONS OF GRANULOMETRIC SEPARATION

With Lessine, benefit from separation solutions of greater efficiency and capacity, and this for final particles from 20 mm to 7 μ m. Are your materials to treat very fine, humid, adhesive, sticky or aggressive? Lessine has the sieve you need!

FIELDS OF APPLICATION

- Environment and recycling
- Fuels
- Minerals, fertiliser, mineralogical chemistry (sand, gravel, crystalline products...)
- Food, pharmacy, fine chemistry (foodstuffs...)
- Metals



ANALYSIS OF YOUR NEEDS AND SPECIFICITIES

To be able to offer you the ideal sieve, Lessine carefully examines certain essential factors, including:

- the nature of the product to separate: liquid, humid, solid, dry, hazardous...
- the desired particle size on exit
- the specificity of the application: food, metallic powders...
- the tendency of the material to plug

A TECHNIQUE FOR EACH NEED

MATERIAL	PARTICLE SIZE			
	Ultrafine 25 μ	Fine 10 mm	Medium 30 mm	Coarse
LIQUID		Vibrating		
DRY				
	Multi-frequency			
HUMID			Trommel	
		Multi-frequency		



LESSINE
TAILORED BULK TECHNOLOGIES

LESSINE BENEFITS

TAILOR-MADE SOLUTIONS:

- ACCORDING TO THE SPECIFICITIES OF YOUR PROJECT: TECHNOLOGY, DIMENSIONS, INVESTMENT, COST, CONSTRUCTION...
- ACCORDING TO ON YOUR NEED: TRANSPORT, AUTOMATION, INSTALLATION, COMMISSIONING, SPARE PARTS...
- FROM THE CONCEPTION STAGE > R&D, DEVELOPMENT, TEST AND FEASIBILITY.



MULTI-FREQUENCY SIEVE/SCREEN



Optimum capacity and efficiency

Multi-frequency sieves achieve unprecedented efficiency as well as an ability to separate fine particles (from 10 mm to less than 10 μ m) of difficult, dry, humid, adhesive or stick materials. Thanks to the acceleration generated, the capacity and the efficiency of screening are impressively increased.



VIBRATING SIEVE/SCREEN



Dust removal, classification and safety

For dust removal, classification or simple safety sifting, the vibrating sieve/screen is adapted to dry or liquid products. Depending on the mesh size, the desired finesse of the particles can go from 30 mm to 25 μ .



TROMMEL SCREEN

Ideal for products that flow badly

The trommel screen has been specially developed to ensure the sifting of particular products. The revolving sifting drum is equipped with perforated sheets whose mesh size corresponds to the required finesse. The presence of elevators allows the screening of products that flow badly or are intimately linked.



MILLING



MIXING



DRYING



SEPARATION



HANDLING