

Lubo Elliptical



Taking sorting technology to the next level

The Lubo Elliptical is a state-of-the-art ballistic sorting machine. The material stream is divided into three fractions: the heavier 3D fractions such as tin or stones, the lighter 2D fractions such as paper and film and screen fractions such as glass.

The Lubo Elliptical is unique for its agitation movement and the fact that the screen surface is adjustable. This facilitates an extremely high separation quality for various waste streams without the wrapping problems experienced with screen separators. This greatly improves the efficiency of the downstream sorting process. The ballistic technology virtually rules out wear, and only very little maintenance is required.

The result: the efficient separation of 2D and 3D materials and fines with a high service life combined with a low cost of ownership. The Lubo Elliptical takes sorting to the next level.

Advantages of the Lubo Elliptical

- Very stable pattern of movement by 6-cylinder engine principle
- Angle adjustment by means of hydraulic cylinder
- Side panels removable, allowing for optimal service access
- Paddles detachable from the upper side
- Low maintenance costs
- Central greasing
- Easy changing of splittable bearings without removing the shaft
- Dynamic paddles to prevent galling of the material
- Heavy duty design 12 T/h shredded MSW screening possible
- Good access for maintenance
- Air support for improved separation of lights

SPECIFICATIONS

LUBO ELLIPTICAL	2 M	2.5 M
Screen length	5500 mm	5500 mm
Screen width	2000 mm	2500 mm
Weight	4 t	9 t
Drive	5.5 kW – 400V Frequency regulated	2 x 5.5 kW
Angle adjustment	between 10° - 25°	between 10° - 20°
Screen surface	8.1 m ²	13,75 m ²
Screening size	25-250 mm	25-250 mm
Maximum capacity	up to 60 m ³ /h *	up to 80 m ³ /h *
Application areas	packaging, mixed paper, foils and containers	

** Depending on fraction size, screen size and material composition*