

Lubo Air Drum Separator



High performance, low energy consumption

Sustainability is in the DNA of the Lubo Air Drum Separator: this machine separates waste extremely effectively using amazingly little energy. The secret: optimum use is made of gravity, supplemented by air flows that intercept the fine particles.

The Lubo Air Drum Separator is the most versatile system available for separating construction and demolition (C&D) waste, industrial waste (C&I), cardboard and plaster. The Lubo Air Drum Separator is mobile and can therefore be used anywhere you need it.

Looking for flexibility? The Lubo Air Drum Separator can also be rented for short-term projects.

Advantages of the Lubo Air Drum Separator

This machine consists of an air knife in combination with a rotating drum, a film separator and a cyclone to capture fine particles.

Advantages of this unit compared to existing units:

- Its compact design (total length 9 metres)
- Its extremely low energy consumption due to the use of a sophisticated air knife with a very limited air flow rate
- Its variable usage modes: a fixed position, a mobile position on adjustable legs or a completely mobile position on wheels
- Lights, mids and heavies and dust fraction in one machine
- The installation is extremely well suited for the separation of construction and demolition waste, industrial waste or for the separation of plaster and paper
- High separation grade

SPECIFICATIONS

LUBO AIR DRUM SEPARATOR

Capacity	8T/h
	Construction and demolition 080-400 at a bulk density of approx. 350 kg/m ³
Feed conveyor belt	Width: 1200 mm
	Length: 3000 mm
	Installed power 2.2 kW
	Belt speed variable from 50 – 130 m/min using frequency regulation
	Can be set to different directions
Drum	Ø813
	Installed power 3.0 kW
	Drum speed variable using frequency regulation
Rotating material separator	Capacity = 5000 m ³ /h
	Installed power 1.5 kW
Cyclone	2 units
	Capacity 2 x 3000 m ³ /h (2 cyclones)
	Installed power air locks 0.37 kW per unit
Ventilator	2 units
	Installed power 4 kW / unit
	Regulated by freq converter
Colour	Any RAL colour
	Double coating
Dimensions and weight	Length: 8760 mm
	Width: 2400 mm
	Height: 3670 mm
	Weight: 7500 kg (including subframe)