



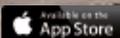
KOMPTECH
TECHNOLOGY FOR A BETTER ENVIRONMENT

MOBILE STONE SEPARATOR



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STONEFEX



EDITION WITH AUGMENTED REALITY CONTENT



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APPLICATION

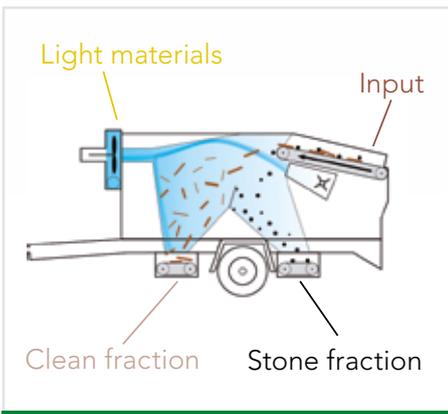
STONEFEX IN OPERATION

HIGHLIGHTS

- » Reliable separation of stones and inert material with a separation rate of up to 95 percent.
- » Throughput up to 100 m³/h with input sizes from 10...20-150 mm (depending on material and loading)
- » Wide range of applications thanks to adjustable separation parameters
- » Low energy costs thanks to electrical drive of all components

The Stonefex stone separator gets stones and other inert material out of biomass fuels dependably and with high separation efficiency. The input material is the useful biomass fraction from a screen, like woody green cuttings, screen overflow from compost or forestry chips.

A patented system of pressure and suction blower generates exactly the right air flow in the separation chamber to remove stones from the wood. The blowers and discharge conveyors are electrically powered, reducing energy costs and minimizing maintenance effort. The Stonefex is offered in mobile and stationary versions.



EFFICIENT SEPARATING SYSTEM

In the expansion chamber, the airflow separates the material into a stone fraction and cleaned usable fraction, which conveyors remove to opposite sides. Fibrous materials are collected in the container downstream of the suction blower. Using the same principle, stones can be cleaned of undesired biomass.

DEPENDABLE FUNCTION WITH SIMPLE MAINTENANCE

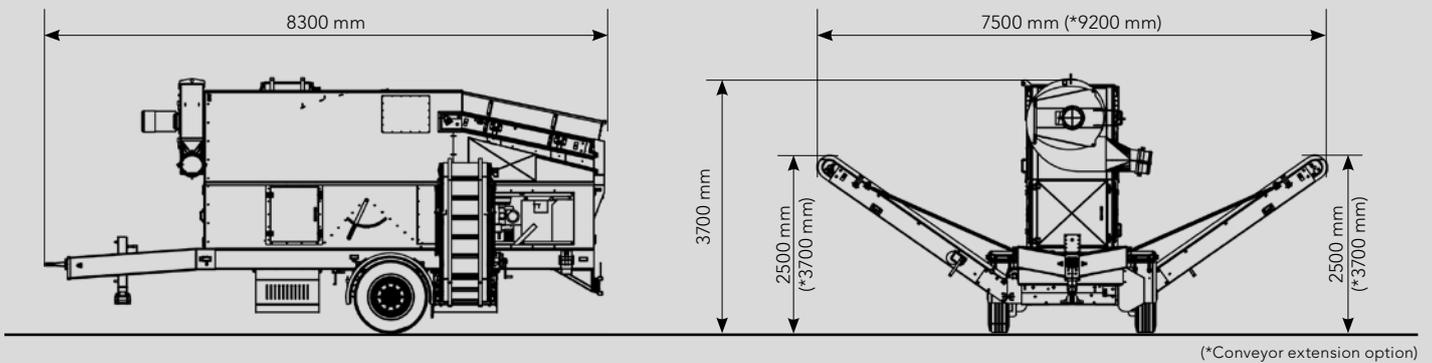
Separation remains dependable even with varying material properties, by adjusting the feed conveyor speed, blower speed and the separating vertex. Large access doors to the separation chamber and engine compartment plus a swivel-mounted suction blower make maintenance simple and convenient.

MOBILE AND ECONOMICAL

The single-axle trailer configuration makes the machine easy to manoeuvre, and it is approved for 80 kph (50 mph) road speeds, so transportation is no problem. The standard version of the machine uses grid power. As an option it can be fitted with a turbo diesel generator. The hybrid drive design ensures low energy and maintenance costs.

TECHNICAL SPECIFICATIONS

STONEFEX



STONEFEX

Drive	
Connection power (kW):	26
Diesel generator (kVA):	30
Material feed - feed conveyor	
Loading area width (mm):	1200
Loading height (mm):	3150
Stone fraction discharge	
Design:	Corrugated edge belt
Loading height (mm):	2500 (option 3700)
Clean fraction discharge	
Design:	Corrugated edge belt
Loading height (mm):	2500 (3700 optional)
Dimensions L x W x H (mm)	
Transport dimensions central-axle-trailer:	8300 x 2550 x 4000
Working dimensions central-axle-trailer:	8300 x 7500 x 3700
Total permissible weight (t):	10.0
Throughput (depending on material)	
Throughput (m ³ /h):	up to 100
Options	

Diesel generator, conveyor extensions, adjustable conveyor speed, electro-hydraulically folding discharge conveyors, central lubrication, frequency converter for suction blower, remote control and much more

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