

# HURRIFEX

STONE AND LIGHT MATERIAL SEPARATOR  
TWO FUNCTIONS - ONE MACHINE  
WIDE RANGE OF APPLICATIONS  
HIGH SEPARATION EFFICIENCY  
LOW OPERATING COSTS





HIGHLIGHTS



- » Combined unit with savings in space, materials and transportation effort compared to two separate machines
- » Wide range of uses with simple operation and high availability
- » Separation efficiency up to 95 percent at throughputs of 60 m<sup>3</sup>/h
- » Low energy costs due to electrical drive of all components



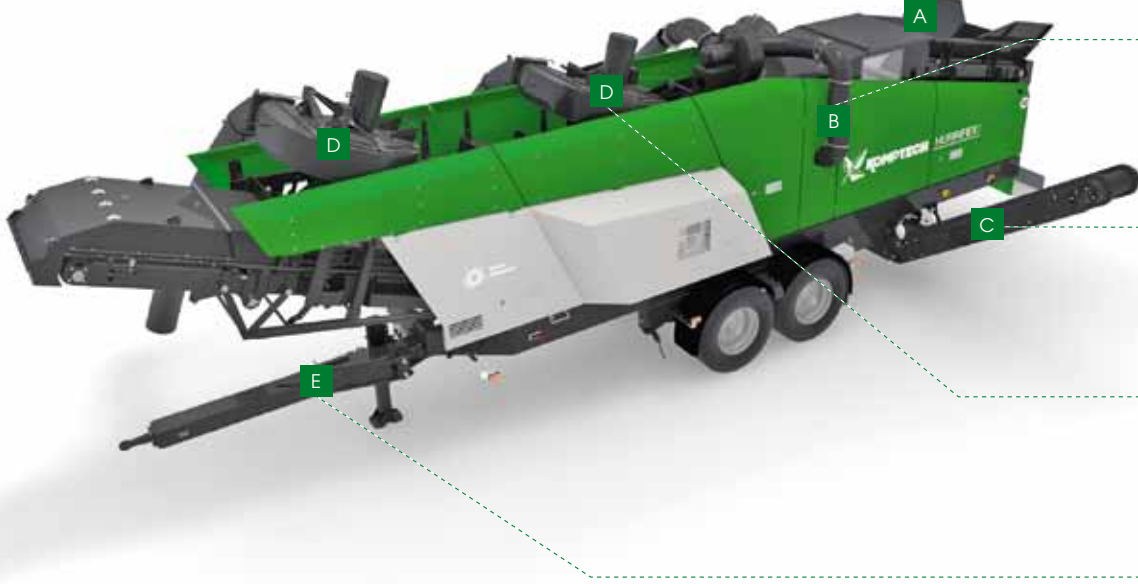
# THE HURRIFEX

NEW

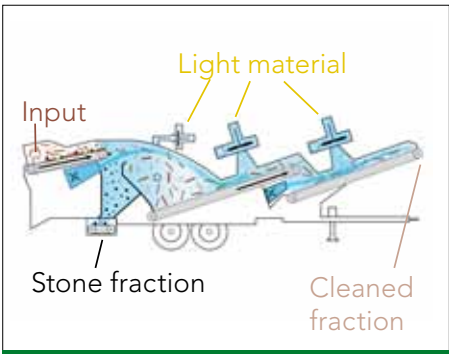
The Hurrifex combines a stone separator and wind sifter in a single machine. This makes it possible to clean compost and biomass fractions of stones and light materials - primarily plastic film - in one pass. Easily adjustable separation parameters give the Hurrifex a wide range of applications, and a separation efficiency of up to 95 percent.

All components are electrically powered, from grid power or with the on-board diesel generator. Maintenance doors in the cladding provide full access to all maintenance positions. In addition to the stationary version, there are mobile centre axle trailer and semitrailer versions.





- A**  
Feeding conveyor with adjustable speed
- B**  
Separation chamber with pressure fan and suction fan
- C**  
Corrugated belt conveyor for discharge of stone fraction
- D**  
Suction fan, hinged for maintenance
- E**  
Hinged towbar



# 01

## Physics makes it possible

Differences in density and air resistance coefficient are the basis for separation of stones and inert items. Turning and air-flow-through the material are decisive factors for efficient removal of light items by suction.



# 02

## Saving with hybrid technology

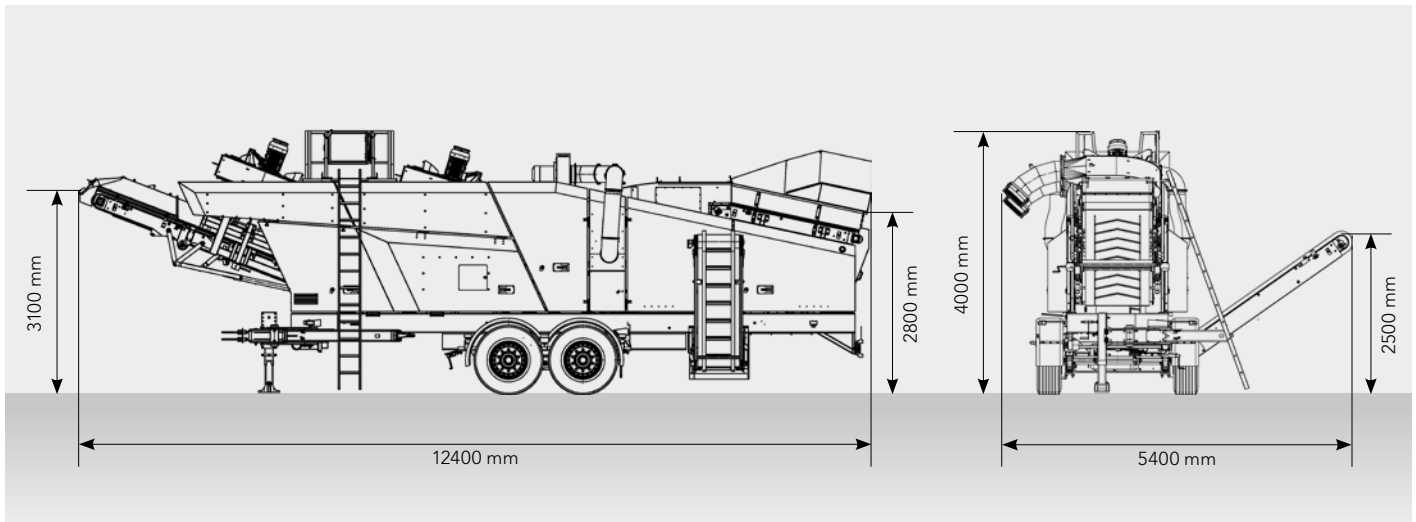
The power for the electric drives can come either from grid electric power or the optional built-in diesel generator. The suction and conveyor fans are optimized and have a low power requirement.



# 03

## Reliable discharge

Stone fraction discharge is by a conveyor with corrugated sidewalls, light items are moved into two containers by a flexible duct. The flow of the material to be cleaned is straight, with no 90° turns. This greatly reduces the danger of blockages.



## HURRIFEX

<b>Drive</b>	
Diesel generator (kVA):	60 (constant)
<b>Material feeding - Feeding conveyor</b>	
Filling width (mm):	1200
Filling height (mm):	2800
Drive (kW):	3,0
<b>Fan power</b>	
Pressure fan (kW):	7,5
Suction- and conveyor fan - separation chamber (kW):	7,5
Suction- and conveyor fan (kW):	2 x 11
<b>Discharge - stone fraction</b>	
Design:	Corrugated edge belt
Discharge height (mm):	2500 (3700 option)
<b>Discharge - cleaned fraction</b>	
Design:	Profiled belt
Discharge height (mm):	3100
<b>Dimensions</b>	
Transport dimensions L x W x H (mm):	12000 x 2550 x 4000
Working dimensions L x W x H (mm):	12400 x 5400 x 4000
Weight (t):	~ 14,0
<b>Throughput (dependent on material)</b>	
Throughput performance (m <sup>3</sup> /h):	up to 60
<b>Options</b>	
Enclosure feeding conveyor, belt extension, adjustable conveyor speed, discharge belt electro-hydraulically foldable, diesel generator, Cleanfix-fan, central lubrication, frequency converter for suction fan, remote control etc.	



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We reserve the right to make technical changes due to ongoing development. E2015