



# **SAND FALCON**



Container size – **3 m<sup>3</sup>**

Performance – **30 000 m<sup>2</sup>/h**

Max payload – **1100 kg**

Connectivity - **Remote control**

Net weight – **2900 kg**

Wheels – **3**

Max container lift – **2.6m**

Total length – **4.4 m**

Oil tank – **60 L**

# Sand cleaner for beaches, arenas, and tracks

**Sand Falcon is the new, smart generation of sand cleaners. Say goodbye to waste and litter for good.**

We use **3 wheels** so we provide better terrain permeability, where others get stuck, Sand Falcon soars. Patent pending kinematics, allow emptying hopper from “directly to ground” up to “dumper trailer” while deploying large capacity 3m<sup>3</sup> hopper.

Newly developed patent pending sieve conveyor with a unique design provides compact dimensions sustaining machine performance while enabling maneuverability.

## Sand-Falcon collects



### Cigarette butts.

Cigarette butts are the most abundant form of plastic waste in the world.



### Broken glass.

Broken glass is a real hazard for the beach visitors.



### Stones and pebbles.

From small pebbles to medium rocks.



### Pollution.

We pick up solid pollution from the sand.



### Plastic waste.

Plastic waste from bottle caps to cups.



### Seaweed and algae.

Get rid of all the vegetation on the sand.



### Litter.

Wrappers, paper and other objects left in the sand.



### Other objects.

Everything left in the sand gets picked up.

## 4,4m in length

Compared to the competition Sand-Falcons short 4.4m length gives it great maneuverability.



## Large 3m<sup>3</sup> hopper

More time for work and less time for emptying the collector. High dumping height enables to clean out the collector directly into a container.



## An effective combination of raking and screening

The Sand Falcon combines the two primary technologies for sand cleaning – raking and sifting. This enables to pick up smaller and larger objects, and then filter them out releasing clean sand.

# FACTS AND FIGURES

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Length: **4,4m**

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Height: **2,3m**

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Width: **2,3m**

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Tyres: **480/45-17**

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Weight: **2800kg**

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Oil tank: **60L**

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Performance: **30000m<sup>2</sup>/h**

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Container capacity: **3m<sup>3</sup>**

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Max speed work/logistic: **13/40 km/h**

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PTO speed: **540rpm**

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Tractor min requirement: **100hp, 4wd**

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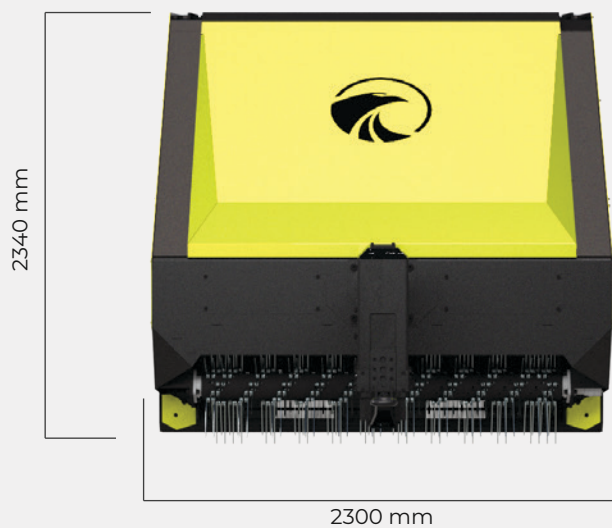
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Working depth: **up to 300mm\***

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\*Recommended 160mm

## DIMENSIONS



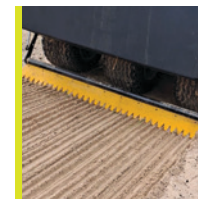
## STANDARD EQUIPMENT



Basic machine with conveyor and rake system



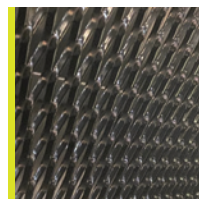
Warning beacons



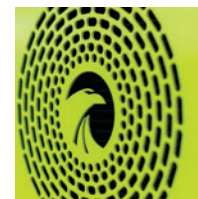
Hydraulic finisher



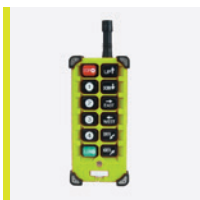
3m<sup>3</sup> Hopper dump height up to 2,6m



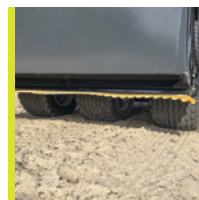
1 sieve, size selectable.  
► Fine  
► Medium ( recommended)  
► Coarse



High durability powder coated



Remote for manual operation

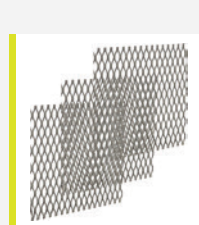


Third wheel

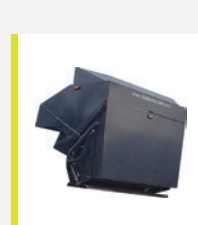
## OPTIONAL EXTRAS



Monitor + 2 camera setup



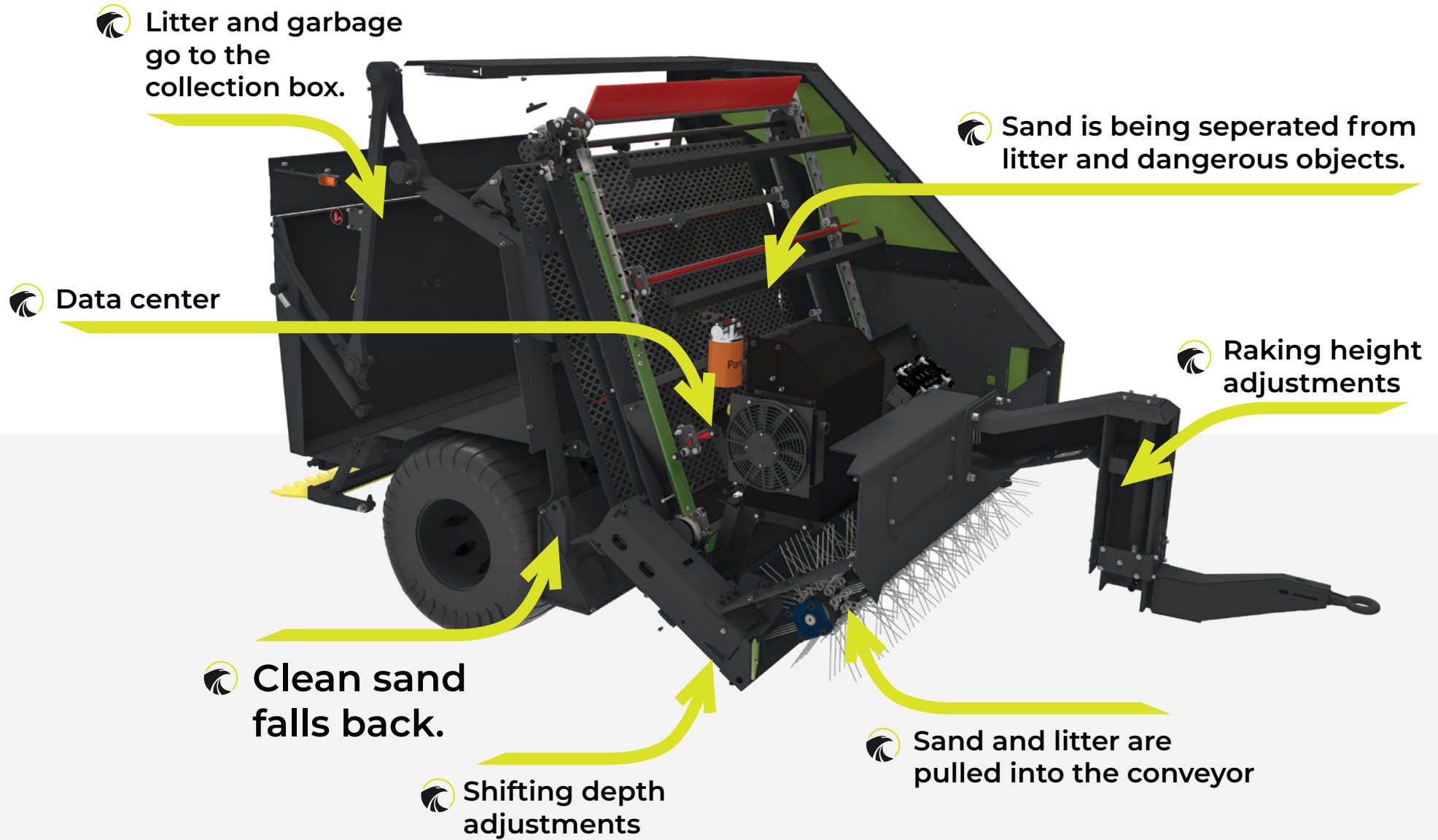
3 different size sieves



Container galvanization + Powder coating



## HOW IT WORKS?





# ***SAND FALCON***

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