



SAND FALCON



Container size – **3 m³**

Performance – **30 000 m²/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 3m³ 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 3m³ 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

Length: **4,4m**

Height: **2,3m**

Width: **2,3m**

Tyres: **480/45-17**

Weight: **2800kg**

Oil tank: **60L**

Performance: **30000m²/h**

Container capacity: **3m³**

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

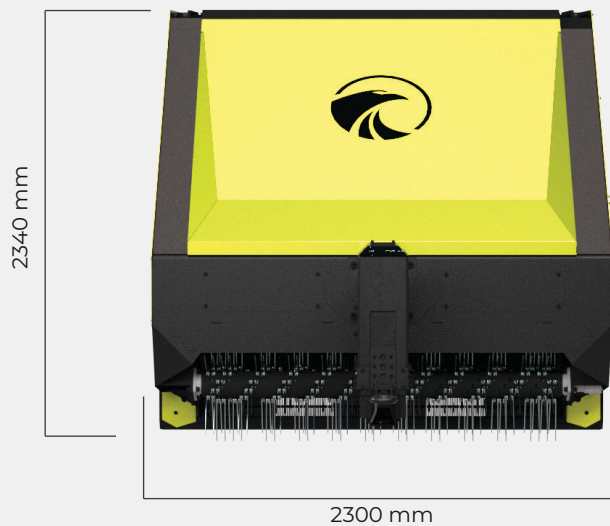
PTO speed: **540rpm**

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

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

*Recommended 160mm

DIMENSIONS



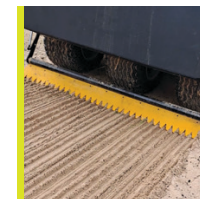
STANDARD EQUIPMENT



Basic machine with conveyo and rake system



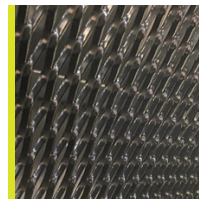
Warning beacons



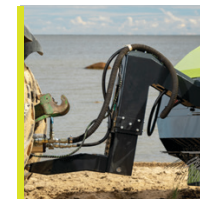
Hydraulic finisher



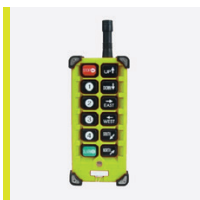
3m³ Hopper dump height up to 2,6m



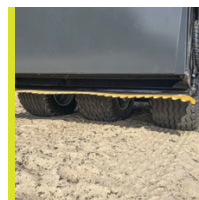
1 sieve, size selectable.
 ▶ Fine
 ▶ Medium (recommended)
 ▶ Coarse



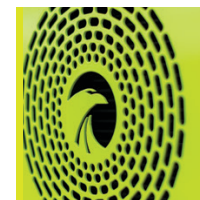
Hydraulic tow height adjustment



Remote for manual operation

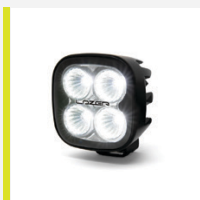


Third wheel



High durability powder coated

OPTIONAL EXTRAS



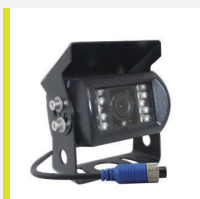
Led Lazer work lights



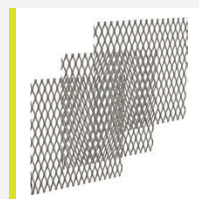
Container galvanization + Powder coating



Custom color setup

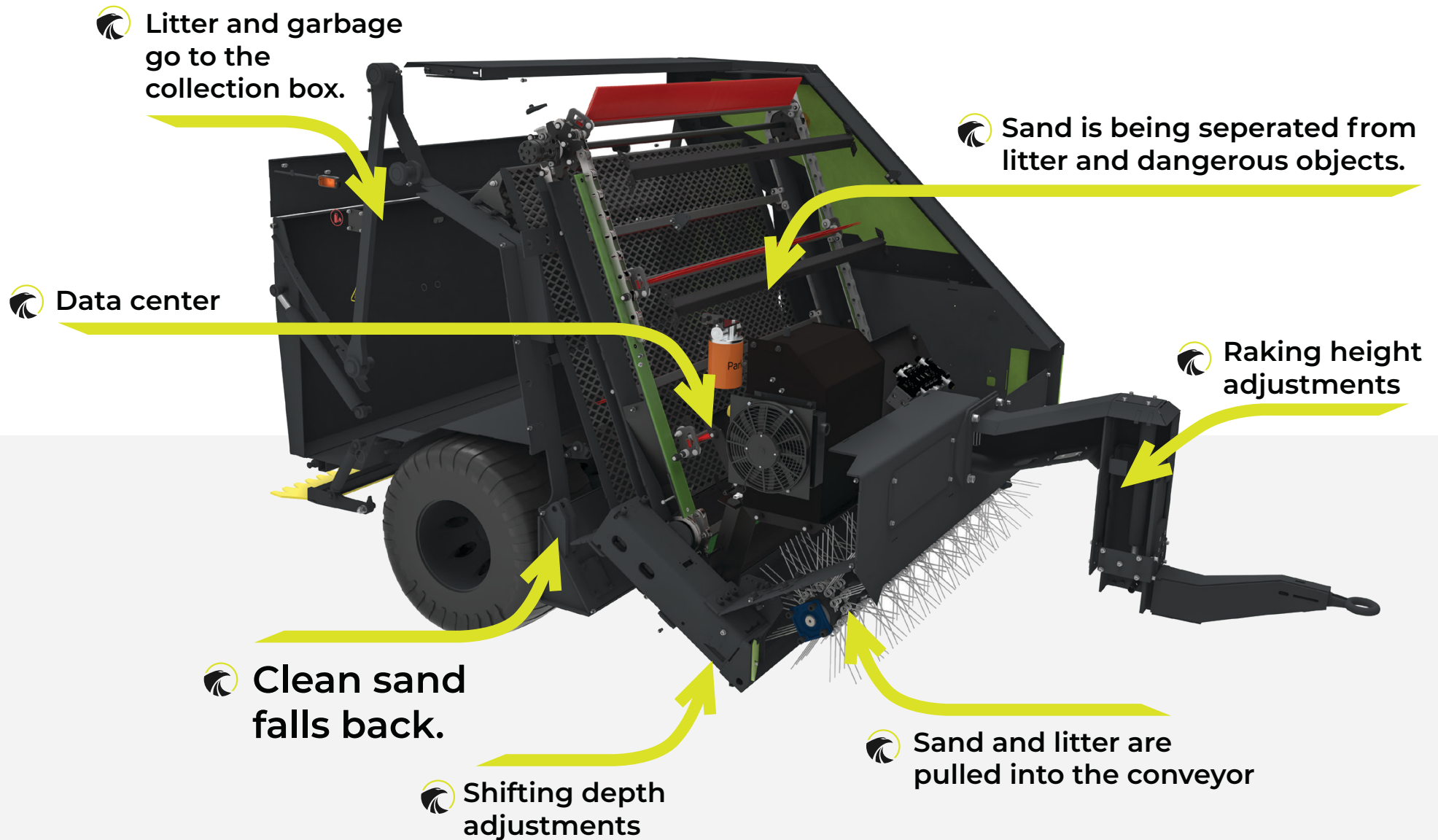


Monitor + 2 camera setup



3 different size sieves

HOW IT WORKS?





SAND FALCON

www.sand-falcon.com

info@sand-falcon.com

Nortsu tee 14a, Rakvere
Estonia