

BEACH CLEANER

UNICORN Scarbat EVOLUTION 1.9 / 2.5



Scarbat 1.9 / 2.5

Removing sargassum and cleaning up the beach

High efficiency and speed when picking up sargassum on large beaches



www.unicorn-beachcleaners.com

www.unicorn.es

“SCARBAT” method to clean beaches

The Scarbat method allows a proper cleaning of a beach by removing sargassum and seaweed in a **quick and efficient way**, thereby leaving the beach clean and perfect for a recreational and touristic use.

The Scarbat machines have a special system, which **allows to remove sargassum and get the sand back to the beach.**

This method combines three processes at the same time.

- First, sargassum is **loaded and shaken** at a changing speed in order to remove from the beginning a great part of the sand stuck on it.
- Second, **a screening through a vibrating mesh** is performed in order to get the rest of the sand back to the beach.
- Third, **the cleaned sargassum is carried** to the rear big hopper

On the other hand, in areas where there is not sargassum, the Scarbat machines can keep on cleaning the beach by applying the traditional sifting and sweeping system, which permits to work at different depths and leave the beach cleaned and sound.



Main Characteristics

Working width	1.900 or 2.500mm
Working depth	from 0 to 30cm
Loading capacity	2.5 m³
Unloading height	2.5m high

CHARACTERISTICS

- **Working width: 1.900 mm or 2.500 mm**
- **Cleaning depth: from 0 to 300mm**
- **External measures: 6.550 x 2.250(M1.9) or 2.515(M2.5)mm x 2020mm high**
- **Galvanised chassis**
- **Weight: 2.740kg(M.1.9) or 2.990kg(M.2.5)**
- **Surface painting: Polyvinyl chloride in double layer**
- **Movable frontal roller with spikes**
- **Hopper capacity: 2.5m³**
- **Unloading: at 2.5m high**
- **Traction type: towing power of the tractor**
- **Tractor type: 4x4 tractor of 80-100HP / 90-120HP**
- **Power take-off: 540rpm**
- **Own oil container of 180 litres**
- **Enhanced traction with sand tires 500/50 17**
- **Oil refrigerating radiator**
- **Illumination: road lights**
- **Emitted aerial noise: : less than LWA=70 dBA**



Movable frontal roller



Side protective plates



Pistons to lift and turn the hopper



Final smoothing of the sand

Advisable working speed *

Sand type	Working depth (cm)	Advancing speed (km/h)
Dry sand	From 5 to 10	From 8 to 12
	More than 10	From 5 to 8
Humid sand	More than 10	From 5 to 8

* Attention: speed depends on the sand granulometry, on the sand humidity and on the beach slope

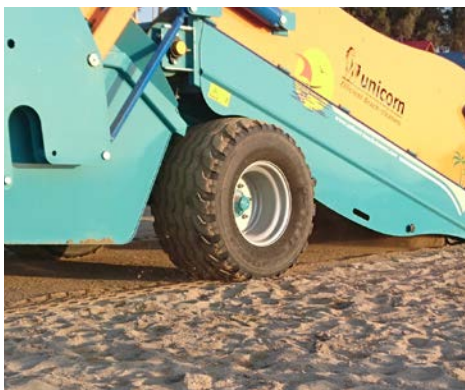
The **UNICORN Scarbat EVOLUTION** is characterised by its polyvalency, as it has been designed to **pick up sargassum and remove seaweed from the beach**, but it can also sieve and clean up sand as a standard beach cleaner. It has a great loading capacity and can be easily handled.



Working width of 1.9 or 2.5m depending on the version of the machine.



The refrigerating device allows to control the temperature of the hydraulic system.



Special wheels for the beach. They guarantee a good floatability on the sand and bring a strong traction.



Its screening is reinforced to properly split the seaweed from the sand and get it back to the beach



Its big size hopper allows to keep a large amount of sargassum before emptying it.



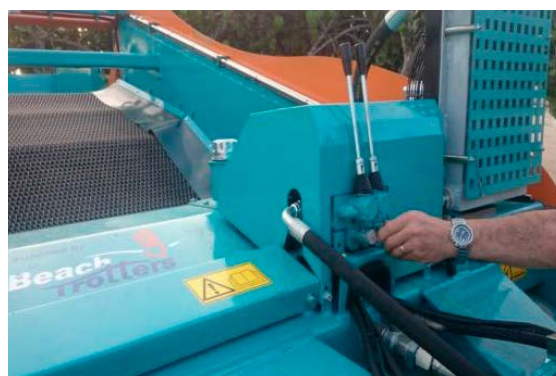
Oil container included in the machine.



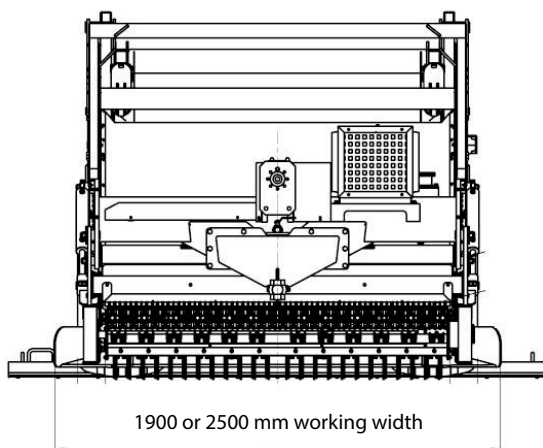
Big sized machine, polyvalent and of high performance



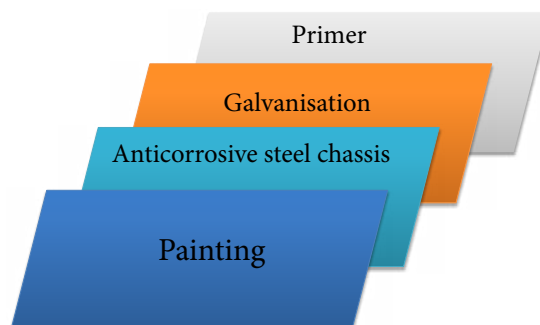
Cleaning after using the machine (pointed track)



Control levers of the mesh and the frontal roller



Chassis treatment



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Loading of sargassum in the hopper



Lifting the hopper to a medium height



Unloading the hopper

Beach cleaning machine 100% efficient

Beach Trotters makes, develops and offers the widest range of beach equipment, which consists of the best products and modular elements, which highlight the beauty of the beach, improve its security and reinforce its attractive and ludic components.

The beach cleaning machines of Unicorn brand are acknowledged by the International market as efficient units for the daily work. They guarantee a perfect task on sanitizing the sand and allow the user to feel relaxed after having left a beach free from piercing or dangerous objects for the visitors health.

The success of the UNICORN machines comes from its outstanding efficiency. They have been built to bear the difficult working conditions related to the sanitizing and cleaning of the beach sand.

Other UNICORN Products



TROYER

Self propelled, practical and agile



RUNNER EVOLUTION

Innovating unit of 1.9m wide



SCARBAT 1.9 BASIC

Economical series special for sargassum



MUSKETEER

Self propelled, versatile and efficient



MAGNUM EVOLUTION

Innovating unit of 2.5m wide



KANGUR 1.2

Siever of 1.2m wide



RESORT KL 1.2

Middle size beach cleaner



SCARBAT EVOLUTION 2.5

pecial for sargassum and seaweed of 2,5m



KANGUR 1.35

Siever of 1.35m wide



RUNNER BASIC LINE

Economical series of 1.9m wide



SCARBAT EVOLUTION 1.9

pecial for sargassum and seaweed of 1,9m



KANGUR 1.65

Siever of 1.65m wide



MAGNUM BASIC LINE

Economical series of 12.5m wide



SCARBAT EVOLUTION 1.5

Special for sargassum and seaweed of 1,5m



KANGUR HT

Siever of 2.05m wide



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