

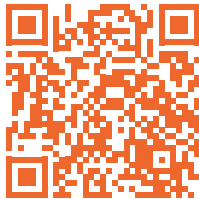
## HOOPMAN MACHINES

The FOD sweeper is fully developed and produced at Hoopman Machines in the Netherlands. Worldwide, Hoopman Machines supplies solid Holaras machines for livestock farming, arable farming, biogas industry and infratechnology. Which we have been doing since 1911.

We guarantee good service and a fast and reliable supply of machines and parts.

## CONTACT

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scan QR code  
for more info



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Since 2018, Düsseldorf Airport has been using the FOD Sweeper, which fulfils its task to the fullest satisfaction. Holaras was chosen because the price/performance ratio was right. The performance must remain high throughout the entire service life so that no FOD, even the smallest, is left lying around. Since we sweep twice a week, the machine has to withstand intensive use. A big advantage over the competition is that the wear and maintenance of the Holaras sweeper is minimal. This saves time and money.

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*Mr. Ulf Hahn, Airfield Engineer Technician –  
Flughafen Düsseldorf GmbH*



Holaras FOD sweeper keeps airports  
safe and operational

**holaras**

**A STRONG BRAND.**



# FOD AIRPORT SWEEPER

# HOLARAS FOD SWEEPER

Large surfaces at airports need to be swept clean and safely within the shortest possible time, so that air traffic and all ongoing operations are not disrupted. The Holaras FOD sweeper is specially designed for cleaning large areas.

Towed behind a towing vehicle, the sweeper not only ensures the highest level of FOD prevention, but also provides fast and efficient cleaning of paved runways, taxiways, platforms and other air operation areas (AOA).



## ECO-FRIENDLY AND SELF-DRIVEN



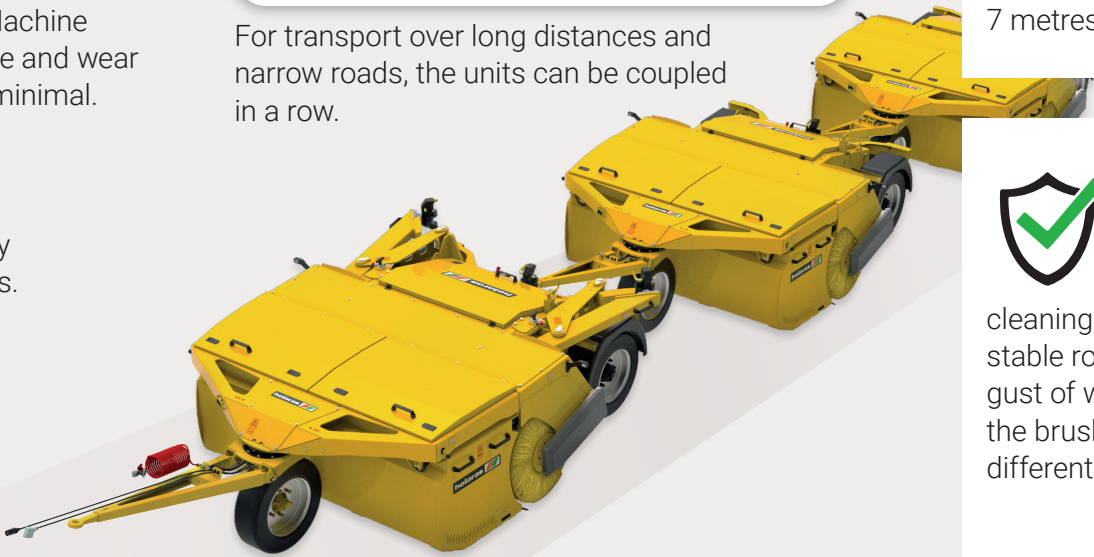
The eco-friendly FOD Airport sweeper does not need any chemical detergent. It is also silent as it has no motor. Machine maintenance and wear and tear is minimal.

The sweeper is equipped with high-quality and wear-resistant poly zigzag brush rings. These are easily replaceable. The self-driven sweeper can be coupled behind various types of towing vehicles supplied with power and air. And looking to the future, also behind electric vehicles.

### TECHNICAL INFO

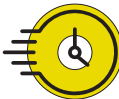
Drive	Wheeldrive
Functional width	250 cm
Brush diameter	Ø 80 cm
L x W x H unit	505 x 274 x 120 cm
Weight	2500 kg

For transport over long distances and narrow roads, the units can be coupled in a row.



## SAFE STORAGE

Each unit comes standard with a 400-litre collection bin. The collection bin safely stores FOD and can be easily emptied after sweeping for analysis, so the FOD prevention team can find out how it could have got onto the runways. A unique feature of the Holaras FOD sweeper is that FOD of any material can be swept up without any problems.



## SAVING

FOD prevention is an important but also difficult task. Thus, quality and time play a major role, as air traffic and ongoing operations must not be disrupted. Sweeping with a Holaras FOD sweeper is labour- and time-saving. Due to its very simple operation, anyone in the FOD prevention team can work with the sweeper. It can be quickly coupled to a towing vehicle. And sweeping can be done in a wide range of vehicle speeds of up to 25 km/h and with a maximum sweeping width of as much as 7 metres when all three units are coupled.



## RELIABLE

The robustly built Holaras sweepers lend themselves perfectly to intensive cleaning. Due to its sturdy construction, it has a stable road holding and can withstand a good gust of wind. The drive is fully air-controlled and the brush is easy to adjust, allowing sweeping on different surfaces.