

# GEA ORBITAL CLEANERS

Soiling Classification IV

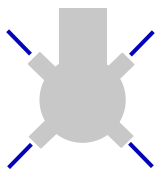




# ORBITAL CLEANERS

## Optimized spray jet projection and cleaning power onto the vessel walls.

Orbital cleaners benefit from GEA's solid stream nozzle technology to deliver the best cleaning results.



**Soiling Classification IV**  
Encrusted or dry products with a higher adhesion to the vessel wall.

## **Robust cleaners ensure plant availability and powerful cleaning.**

The hygienic and compact design of our orbital cleaners, combined with powerful jets, makes these cleaners perfect for cleaning a variety of vessel sizes and equipment, especially where hygienic safety is a priority and where sticky residues can make cleaning difficult.

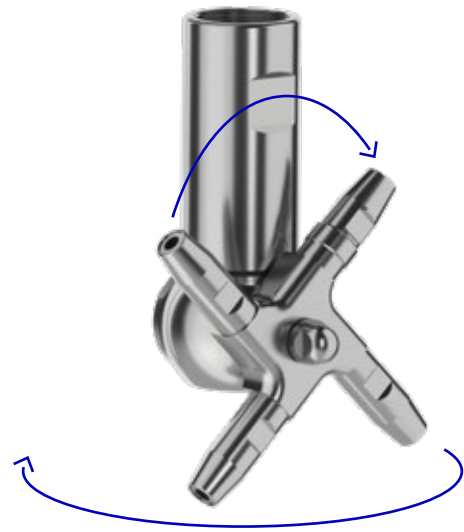
## **High performance for every application.**

Our highly reliable orbital cleaners can be used in the brewing, beverage, dairy, food, chemicals, coatings and transport industries – as permanently fixed or mobile installations.

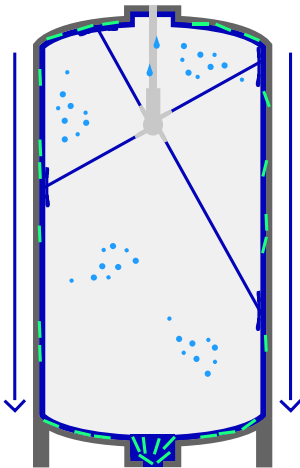
Offering our cleaners in various configurations makes at least one of our orbital cleaners a serious consideration for your Food, Beverage, Pharmaceutical, Bio-chemical or Personal Care application where attention to detail and effective cleaning performance are essential.

### Hygienic design

For hygienically safe processing and storage, our orbital cleaners have smooth surfaces on which the product cannot settle, which significantly reduces the risk of contamination. The units are self-draining and equipped with back wash nozzles for effective self-cleaning. Thanks to the simple internal design, our orbital cleaners can be easily disassembled and reassembled to extend their excellent service life.



### Working principle



Orbital cleaners from GEA create spray patterns that optimize the cleaning performance on the vessel walls.

The cleaning medium enters the cleaner via the downpipe which drives the motor. By using a planetary gear set the speed of the drive is reduced and causes the driven body to rotate slowly around the vertical axis. Coupled with the controlled rotation of the nozzle carrier, this creates a highly effective 3D matrix spray pattern on all internal surfaces, resulting in excellent cleaning performance in hard-to-clean applications and vessels of any size.



Cyclone



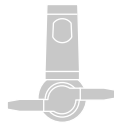
Twister



Typhoon



Tempest



Tornado



OC200



JU6

**GEA Tuchenhausen GmbH**  
Am Industriepark 2-10  
21514 Büchen, Germany

Tel +49 4155 49-0  
[gea.com/contact](http://gea.com/contact)