4.1

Does not interfere with production

Toftejorg SaniMidget Retractor, A Retractable Rotary Spray Head

Application

The Toftejorg SaniMidget Retractor is installed where fully automated and validated cleaning can assure higher productivity due to less cleaning time in e.g. spray drying applications within the food, ingredients and pharmaceutical industry. Larger ducts, channels, cyclones, chambers, complexed reactors, vent lines etc. can therefore be cleaned to the highest standards with no manual or semi automated interference, and avoiding any product carry over or hazardous incidents.

Working principle

The Toftejorg SaniMidget Retractor is available with two styles of retracting mechanisms: Pneumatic Driven, which uses air pressure to extend and retract the cleaning head, and Media Driven, which uses the pressure of the cleaning media to extend the cleaning head and an integrated spring to retract it. This creates a fan of fluid in a swirling pattern. The distribution pattern of the cleaner head generates a vibrating impact as well as cascading flow coverage of all internal surfaces of the tank.



TECHNICAL DATA

Lubricant: Self-lubricating with the cleaning media
Wetting radius:Max. 3.5 m Impact cleaning radius:Max. effective 1.7 m
Air quality:
Dragouro

Pressure

Working pressure:				. 2-5	bar
Recommended press	sure	:		. 2-4	bar
Air supply pressure:				. 2-5	bar

Spray Pattern



270° up

Standard Design

The Toftejorg SaniMidget Retractor is available in three stroke lengths: 100 mm, 150 mm and 250 mm, in either pneumatic- or media-driven versions.

Certificates

2.2 or 3.1 material certificate or ATEX.





PHYSICAL DATA

Materials

Product area:
* FDA compliance 21CFR§177
Surface finish:
Standard Surface finish: Product contact parts Ra 0.8µm - Non product contact parts Ra 1.6µm
Temperature Max. working temperature:95°C Max. ambient temperature:150°C

Weight:See reverse page