

Screening machines for pharmaceuticals, food and fine chemicals

Hygienic Design for highest demands



Tumbler and Vibration screening machines in compliance with GMP-design.

For applications in pharmacy, food and fine chemicals ALLGAIER produces tumbler and vibration screening machines according to GMP and FDA-regulations.

These specialized machines are used for the treatment of valuable powders, pellets and granules.

The Hygienic Design includes solutions for WIP-cleaning devices and ATEX certification.



High Tech Solutions

The ALLGAIER production programme offers innovative and proved solutions for

- fractionating
- protective screening
- dedusting

Materials and design of the screening machines can be adapted to the specific need. This results in increased profitability and efficiency of the screening machine. Examples for design options are quick action clamps or hinged covers for a quick conversion when the product is changed.



Applications

Typ	Protective screening	Fractionating	Dedusting
Tumbler screening machine TSM/tsi	●	●	●
Vibration screening machine Vibrall	●		
Vibration screening machine VTS	●	●	●

Highest product quality

For a long time already ALLGAIER tumbler screening machines are known as high-performance screening machines for fractionating, protective screening and dedusting. The three-dimensional tumbling movement creates exceptional fine cuts of the bulk solids. The modular design allows the production of additional fractions through additional screening decks in one machine.

For simple applications vibration screening machines, type VTS or Vibrall, are an economic alternative.

Surface qualities

- surface roughness up to $R_A < 0,4 \mu\text{m}$
- electropolished
- glass-bead blasted
- pickled and passivated
- welding seam ground even to metal plate



Cover with
cleaning nozzles



Options

hinged cover

quick action clamps

bouncing ball cleaning in pharmaceutical design

ultrasonic mesh cleaning devices

WIP-cleaning devices

ATEX certification

muliti-deck models

IQ / OQ / PQ documentation

movable supports

dust and gas tight

silicone sealings, mesh glue and flexible connections with FDA conformity certificate

sockets as clamp-connection

inspection glasses and rupture disks

Screen inserts

- internal screen
- external screen
- turned flanges with O-rings sealing on both sides



Ultrasonic screen insert

Base cylinder with cleaning nozzles

Ultrasonic mesh cleaning device

In many applications ultrasonic mesh cleaning enables that bulk solids, which seem to be "unscreenable", can be screened. Furthermore ultrasonic mesh cleaning may replace conventional mesh cleaning devices, like bouncing balls or brushes, where product contamination caused by wear is not acceptable.



Vibration screening machine VTS 600 with hinged cover



Vibration screening machine VTS 600 with movable support

Tumbler screening machines TSM / tsi

- fractionating of fine and ultra-fine bulk solids with high screening efficiency
- for sensitive and valuable products
- protective screening
- dedusting
- smooth operating principle
- various machine sizes

Vibration screening machines VTS

- for uncomplicated fractionating
- protective screening
- dedusting
- dewatering
- various machine sizes

Vibration screening machines Vibrall

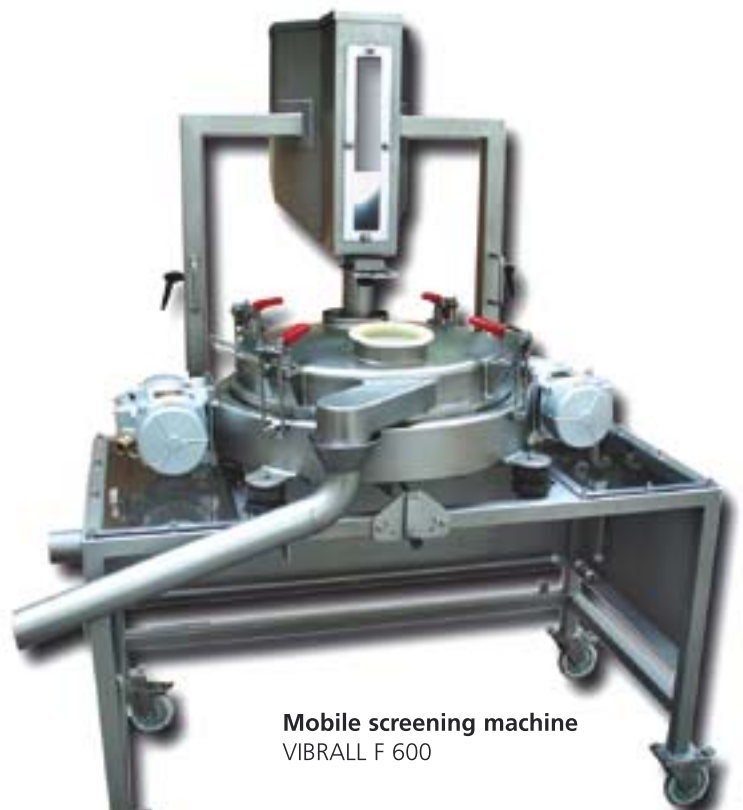
- protective and control screening of dry bulk solids
- design option with extremely low overall height
- various machine sizes



**Vibration screening machine VTS 800
with ultrasonic mesh cleaning device**



**Tumbler screening machine TSM 1200
with movable support**



**Mobile screening machine
VIBRALL F 600**

Allgaier Process Technology GmbH

Ulmer Straße 75
73066 Uhingen
Germany
Phone: +49 7161 301-175
Fax: +49 7161 34268
process-technology@allgaier.de
www.allgaier.de

Manufacturing companies:

Mogensen GmbH & Co. KG

Kronskamp 126
22880 Wedel
Germany
Phone: +49 4103 8042-0
Fax: +49 4103 8042-40
info@mogensen.de
www.mogensen.de

Fredrik Mogensen AB

Sveavägen 26
544 21 Hjo
Sweden
Phone: +46 503 3234-0
Fax: +46 503 13878
info@mogensen.se
www.mogensen.se

Allgaier Mogensen S.A.U.

C/ Téllez, 24 - Oficina 4A
28007 Madrid
Spain
Phone: +34 91 5776277
Fax: +34 91 5757495
info@almo.es
www.almo.es