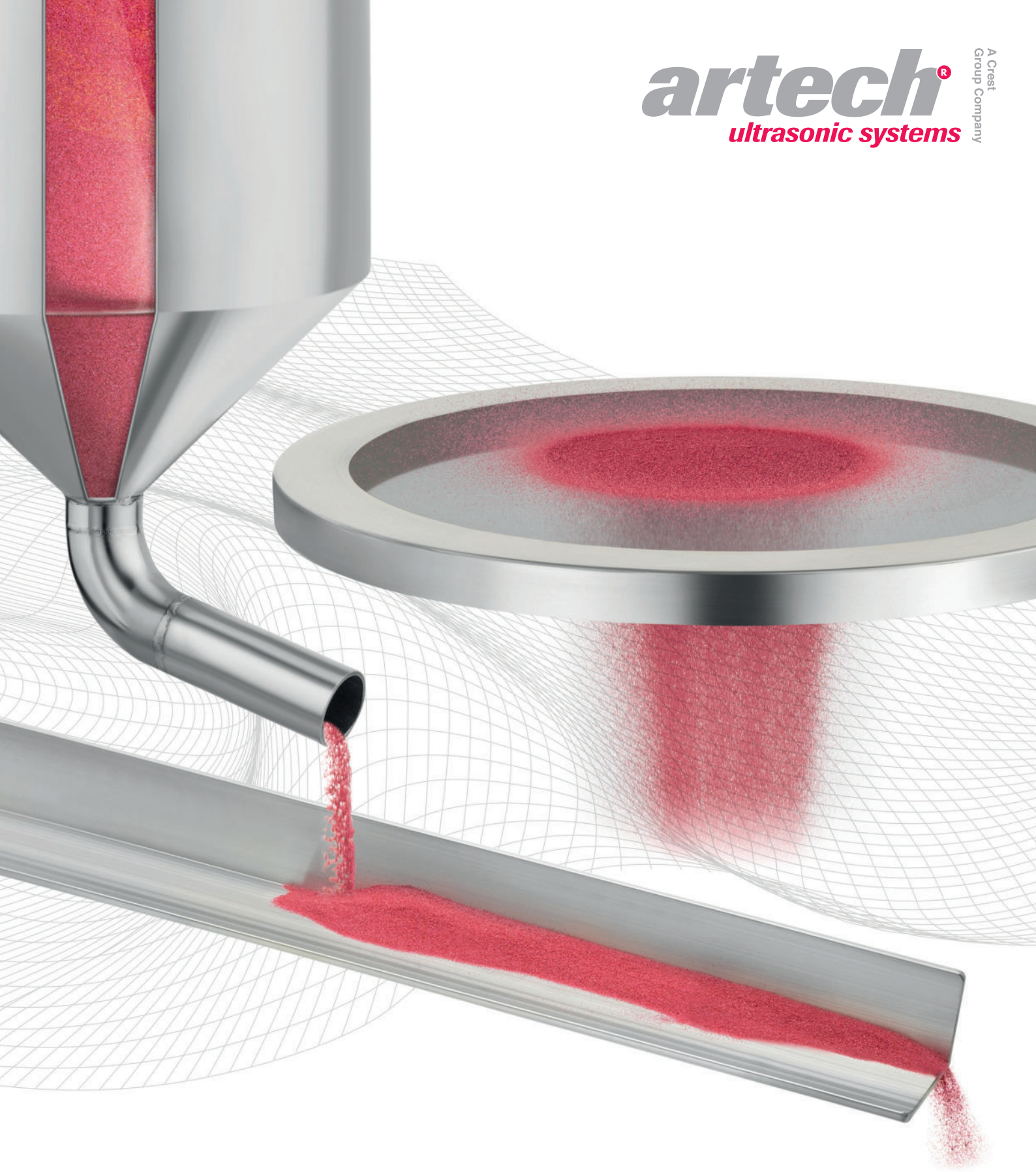


artech[®]
ultrasonic systems

A Crest
Group Company



**ULTRASONIC APPLICATIONS
FOR THE BULK MATERIAL INDUSTRY**



□ ULTRASONIC APPLICATIONS FOR THE BULK MATERIAL INDUSTRY



□ ADVANTAGES AT A GLANCE

DISCHARGING- AND FEEDING AID

- Increased throughput
- Continuous flow
- Less production shut-downs
- High reliability
- Low noise
- Easy installation
- Little space requirement
- ATEX certified

SCREENING

- Increased screening throughput
- Converter outside the screening area (no direct product contact)
- Retrofit for all screening machine types
- No "hot spots" and reduced dynamic stress
- Increased longevity of the screening mesh
- Single- and twin operation possible with one generator
- ATEX certified

ARTECH ULTRASONIC SYSTEMS AG THE ULTRASONIC SPECIALIST FOR THE BULK MATERIAL INDUSTRY

The Artech Ultrasonic Systems AG is a subsidiary of the CREST GROUP Inc., the global market leader of innovative ultrasonic cleaning, welding, joining, mixing- and separation technology.

Established in 1991, the Artech Ultrasonic Systems AG has become a renowned ultrasonic provider in the bulk material industry.

□ VARIOUS FIELDS OF APPLICATION BY THE PATENTED FREQUENCY VARIATION

From specific ultrasonic components to ready-to-operate solutions, Artech develops and supplies technologies that can be applied in the following areas:

DISCHARGING- AND FEEDING AID

- Silos
- Hoppers
- Containers
- Pipes
- Conveyers

and many more...

These various fields of application are made possible by our patented Frequency Variation Method. Hereby, Artech is able to apply ultrasonic excitation on a diverse range of geometries without having to tune into the resonance frequency.

SCREENING

- Tumbler screening machines
- Vibrating screening machines
- Centrifugal sifting machines
- Rectangular and round screens
- Laboratory screens

and many more...

☐ COMPONENTS FOR SYSTEM INTEGRATORS



Artech Ultrasonic Systems strives to become your partner for ultrasonic generators and converters. Artech supplies a variety of premium technological parts, specifically designed for system integrators.

The integrated PLC-interface allows an external remote control. This enables an optional, user-friendly possibility to operate the ultrasonic equipment in synergy with your application. Furthermore, by using the “SweepParam” software, the user is able to configure the generator according to the requirements of the application.

As Artech’s generators do not require an explicit resonance frequency for the ultrasonic excitation, the components are being used in a variety of plants, handling with different types of bulk material.

☐ ECONOMIC SOLUTIONS WITH QUALITY

Process stability: Reliability, longevity and efficiency are first priority in our products and services.

Quality: Artech’s mission is to consistently increase the stability of value and constantly optimize processes. Quality for Artech means continuous improvement.

Partnership: For Artech, suppliers are partners. Artech’s customers are guaranteed to receive first-hand, fully developed technology.



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