

Best possible solutions for Filtration, Fluidization, Water and Wastewater Technique



Progress by Tradition !

Submitting of solutions for a variety of filtration tasks have already belonged to the main commitments of Schumacher for over 175 years. Our customers rely on a closely working competent partnership with us. Long out-standing experience and know-how in manufacturing and knowledge of use for ceramic materials, polyethylene plastics and activated carbons are unmatched.

Schumacher has been a major driving force in the development of filter ceramics leading into a market leader in hot gas and brine filtration application.

The know-how ensures that all products and services used in fields of filtration, fluidization or waste water technique will benefit from.



Filtration

For all demands covering the fields of fine filtration, micro- or ultra filtration as well as of adsorption use, Schumacher offers suitable filter ceramics, filter housings or filter plants. Consistent glance on the interest of our customers we offer technically high-valued filter ceramics and ceramic membrane filters. The choice of the best filter media depends on the actual field of application. At any rate, it is Schumacher's primary aim to optimize the filtration processes, independent of using porous ceramic, porous plastics or activated carbon media.



Fluidization

Schumacher can ensure that the conveying of even the most difficult bulk powders is smooth and problem free. We have many year's experience in bulk powder handling applications and we have developed a range of standard products which are an instant solution to many bulk handling problems. The same equipment can be used for the conditioning of bulk goods and the creation of whirl levels. We offer the FILTROPLAST®, sintered polyethylene product in a standard range of tiles, tubes, funnels etc. but we also build to specific dimensions suiting to your individual requirements.



Water and wastewater technique

When you are looking for solutions in the field of water and wastewater technique which are well proven in economy and design you have met the competent partner you can trust:

Schumacher offers ideal and excellent cleaning solutions being also suitable to make your process profitable, e.g. fine bubble flat bottom aeration for municipal and industrial sewage treatment.

Furtheron, treatment of drinking water can also mean a delicate matter of trust. However, when choosing Schumacher products you are on a safe side due to long and extensive proof of the products.

The extensive field of water and wastewater treatment is broadly covered by a comprehensive range of suitable Schumacher products.

Use our wealth of knowledge to guarantee your success.

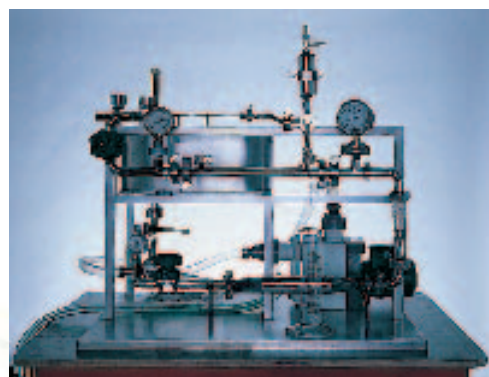


We don't just talk about quality - we put it into practice

Our primary aim in quality standards shall lead to totally satisfied customers. For this reason, Total Quality Management does not mean just a catch phrase for us, but it is part of our daily routine.

The quality management system starts with the continuous improvement of our products and processes, continues with careful sel-

ection of raw materials but also surveillance and monitoring throughout the production process as well as permanent training of our staff. Since 1994 all DIN ISO 9001 accreditations have been passed successfully.



When you're satisfied, we are still looking to improve

Schumacher has a large number of highly qualified and experienced staff who are waiting for your call. Our specialists are at your disposal to discuss your particular application and help to focus on the optimum solution. Once the details of the application are defined, we make up a working team of suitably experienced staff who work closely with you. They will assist in the conceptual and design stages to lead ultimately to the best possible design in terms of processing technology and economic and technical efficiency. When we are successful in achieving this goal, then your success and your satisfaction are our primary objectives and our philosophy is to build long term working relationships with our clients.

Prove our reliable service

Trust on the know-how and experience of a market leader with generation of experience in the concept, design, manufacturing and commissioning of products made of filtration, fluidization, water and wastewater technique. Benefit from our continuous efforts in research and development. Many new products have been developed in close cooperation with our customers. Please challenge us when you are looking for the best possible solution for your particular needs for filtration, fluidization or aeration.

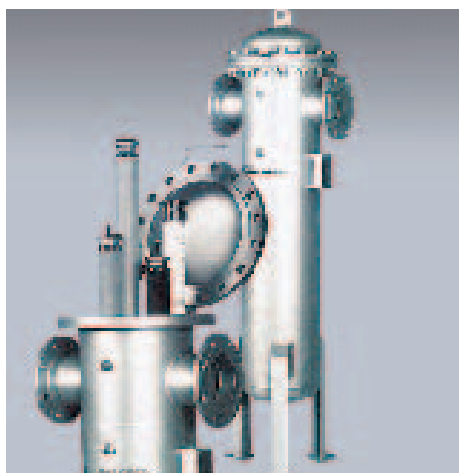


The comprehensive range of products from Schumacher offers a solution for every application.



Filtration

Liquids		Gases	
Fine Filtration	Micro-/Ultra-Filtration	Process Gas	Process Gas
■ brine filtration	■ fruit juice filtration	■ filtration of compressed air	■ recycling of valuable-materials
■ water/aqueous suspensions	■ beer/yeast filtration	■ oil removal from compressed air	■ coal combustion (PFBC)
■ acid filtration	■ process water filtration	■ aerosol separation	■ coal gasification (IGCC)
■ alkaline filtration	■ prefiltration of leachate	■ natural gas filtration	■ product separation
■ solvent filtration	■ lacquer recycling	■ sewer gas filtration	■ protection of testing devices
■ electrolyt filtration	■ recycling of sizing liquor	■ mixed gas filtration	■ exhaust air cleaning
■ catalyst recovery	■ oil emulsion separation	■ ammonia filtration	■ filtration of chlorine gas
■ beer filtration	■ filtration of condensate from compressed air	■ steam filtration	■ pyrolysis
■ fruit juice filtration		■ liquid gas filtration	■ catalyst recovery
■ drinking water gaining	■ recycling of waste water/deoiling	■ carbondioxide filtration	
■ soil/ground water remediation	■ recycling of cooling lubricants	■ protection of catalyst	
■ drainages		■ drainages	
We would be pleased to send you detailed information for possible applications.		■ noise protection	



Standardfilter FEG



Micro- and Ultrafiltration with SCHUMASIV™



Schumacher filter media

The comprehensive range of products from Schumacher offers a solution for every application.



Fluidization		Water and Wastewater Technique	
Bulk Handling			
Silo Discharge/ Conveying	Condition./ Fluidized bed	Diffusers and Aeration Techniques	Further Applications
Bulk discharge:	Conditioning:	for:	
■ storage silos	■ loosening	■ municipal sewage treatment	■ oil-water separation
■ big size silos	■ defluidization	■ industrial sewage treatment	■ bio mass carrier
■ day- or weighing containers	■ homogenization	■ fish farming tanks	■ emulsion separation
Conveying:	■ air conditioning	■ ozone charging	■ odour removal
■ pressure conveying	■ drying	■ CO ₂ charging	■ well filters
■ suction conveying	■ gas removal	■ gas charging into suspensions	■ adsorption
■ air slides	■ dehydration		■ particle removal
	■ sift		■ micro- and ultra filtration
	■ granulates		■ deacidification
	Fluidized bed:		■ deferrization
	■ powder coating		■ demanganization
	■ hot fluidized bed		
	■ whirl levelling		
	■ thermal eddy layer processes		



Fluidization and Filtration with FILTROPLAST®



Fine bubble aeration with BRANDOL®

Use our service:

- On-site consulting via our wide representation network
- Process and method evaluation
- Efficiency analyses
- Laboratory evaluation
- Supply of test filters and pilot systems
- Commissioning and start up of filter systems
- After sales-service

Pall Corporation
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