

Müller Modular Systems



1.5

Basic Stainless Steel Components

Process equipment - customized solutions off the peg

These modular process engineering components bear the Müller name. We have designed a range of equipment modules for typical applications in process plant construction, environmental technology and the semiconductor industry that also meets your individual needs. You can base your system on customized solutions from Müller in the form of modular stainless steel shells, with tremendous savings in cost and time. Our modular system can be combined in all sizes to suit your application. Fifteen different shell diameters are available for assembly into individual solutions. We are happy to advise you from the preliminary planning stage onwards. Müller modules serve as housings for filters, vacuum conveyers, dryers, scrubbers, separators and adsorbers, complemented by a full range of internals and accessories.

Materials of construction:

Stainless steel AISI 304, 321, 316Ti, and 316L as well as Hastelloy and special materials

Standard diameters:

120 mm 355 mm 500 mm 800 mm
170 mm 375 mm 560 mm 950 mm
250 mm 400 mm 600 mm 1200 mm
315 mm 450 mm 710 mm

Special dimensions on request

Sheet thicknesses:

0.50 mm 0.60 mm 0.80 mm 1.00 mm
1.20 mm 1.50 mm 2.00 mm

Surface finishes:

Choose between 2B, 2R, satin and bright polished finishes

Gaskets:

Natural rubber, silicone elastomer, EPDM, Viton

Equipment marking:

Choose between engraving, bead blasting, embossing or etching

Internals and accessories:

A wide range of components is available for all requirements. Our program includes valves, brackets, flanges, bosses, nozzles, handles, sight glasses and other special items required by customers

Müller quality:

Quality management to ISO 9001: 2000, certified to Pressure Equipment Directive 97/23/EC module A1, approved manufacturer to AD 2000, Code HP 0 and TRR 100 in conjunction with EN 729-3

Basic components



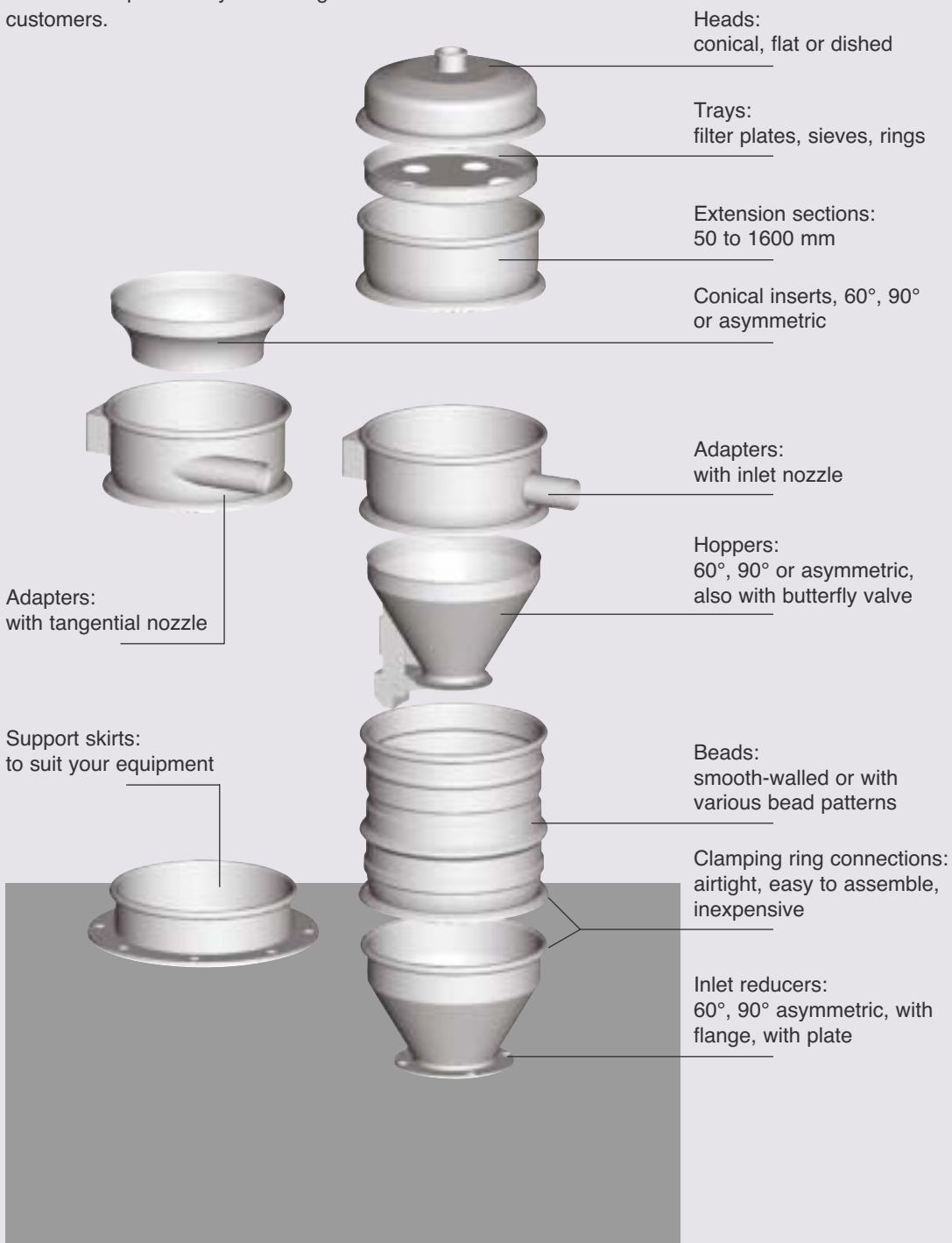
**The Müller modular system:
build from a kit instead of
detailing from scratch**

Müller's flexible system of shells and components is a completely modular concept and offers many possible combinations for a variety of process engineering solutions. This product range has found favor because of its lightweight yet highly stable construction. The shells are fabricated from thin sheet stock, but are suitable for pressure and vacuum duties. Simple handling and ease of assembly without screw fasteners or welding make the modules particularly endearing to customers.

The components are joined to each other securely by means of simple but airtight clamping ring connections.

Müller has devised this elegant system to complement your process engineering:

- Select your own special solution from 15 different shell diameters ranging from 120 mm to 1200 mm
- Simple but effective design
- Low engineering and investment costs
- Stainless steel construction



Flat head



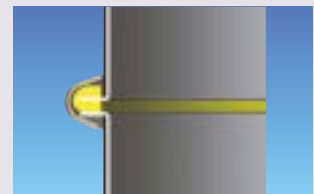
Head rim joint



Adapter joint



Inserted tray



Flat chimes



Toggle latch



Accessories

Individual – Müller housings, fabricated in stainless steel and other corrosion-resistant materials for particular duties. We provide technical support in your development work.



Special and professional – Shells and internals for vacuum conveying systems. A harmonized system comprising trays, hoppers, filter plates, sieves and butterfly valves.



Reliable and hygienic – Müller housings for your filter system. Easily opened clamping ring joints make it a simple matter to clean and replace sieves and filters.



Universal and reliable – A comprehensive range of dryer shells with isolation, internals for granular solids and connecting nozzles.



Versatile and variable – Müller housings for dust filters, activated carbon adsorbers, biofilters or flue gas filters. A simple and inexpensive solution for your special application.



Versatile and well-established – Müller conical hoppers. Equipment internals, machine feed hoppers or filling hoppers for a wide range of production machinery such as tube fillers, mills or tablet presses.



Multipurpose and cost-effective – Müller housings for separators of liquid and solid products. Simple, inexpensive clamping ring joints instead of costly flange connections.



Safe and airtight – Müller stainless steel components for absorbers and adsorbers. Granular solids are safely housed in a gastight enclosure. High-integrity clamping ring joints also allow highly toxic gases to be handled.



Presenting the other companies of the Müller Group

Today it is of ever increasing importance to cooperate with trustworthy and competent business partners who know what they are doing. As our customer you can rely on a wholehearted partnership. And you gain the innovation and skills of a world class group of companies in the field of packaging, handling, transportation and modular systems.

If you now feel the need to talk to us and ask a few questions, then please do not hesitate.

www.muellerdrums.com

Müller AG Verpackungen
Tramstrasse 20
CH-41 42 Münchenstein 2

Phone: ++41(0) 61/4 16 1200
Fax: ++41(0) 61/4 16 1222
E-mail: info@muellerdrums.com

CH-62 60 Reiden
Switzerland

Phone: ++41(0) 62/7 49 50 10
Fax: ++41(0) 62/7 49 50 15

www.plastomatic-ag.com

Plastomatic AG
Falkensteinerstrasse 4
CH-41 32 Muttenz 1
Switzerland

Phone: ++41(0) 61/4 67 93 93
Fax: ++41(0) 61/4 67 93 99
E-mail: info@plastomatic-ag.com

www.leichtfass.com

Leichtfass AG
Bahnhofstrasse 11
CH-41 42 Münchenstein 2
Switzerland

Phone: ++41(0) 61/4 11 33 88
Fax: ++41(0) 61/4 11 33 90
E-mail: info@leichtfass.com

www.foerdertechnik.ch

Fördertechnik AG
Känelmattstrasse 7
CH-41 42 Münchenstein 2
Switzerland

Phone: ++41(0) 61/4 16 12 12
Fax: ++41(0) 61/4 16 12 13
E-mail: info@foerdertechnik.ch

Just one click opens new horizons

An ongoing intensive dialogue with our customers all over the world: the elixir of life for Müller.

As a customer you always experience Müller as a whole. Your contacts are not determined by our organization but by the duties you specify.

Proximity to customers and an individual consulting service provide that crucial impetus. Our 40 committed representatives in all key centers of the industrialized nations around the globe make us active worldwide, yet never far away.

Experience the potential we offer in your next project. Our world of modular systems is only a click away. Make use of our expertise – packed full of ideas in stainless steel. Each one a Müller original.

www.mueller-gmbh.com

Müller GmbH
Industrieweg 5
D-79 618 Rheinfelden
Germany

Phone: ++49(0) 76 23/9 69-0
Fax: ++49(0) 76 23/9 69-69
E-mail: info@mueller-gmbh.com

