

Standard Disk Filter Configuration

DIAMETER [M]	No. of disks	Filtration area [m ²]
5.4	1	36
5.4	2	72
5.4	3	118
5.4	4	144
5.4	6	216
3.8	12	240
5.4	12	432

Standard Drum Filter Configuration

DIAMETER [M]	Length [m]	Filtration area [m ²]
4.5	5.5	90
4.5	6.2	100
4.5	7.4	120

GERMANY

ANDRITZ Separation GmbH, Köln
Phone: +49 (221) 9856 107
Fax: +49 (221) 9856 202
e-mail: separation.de@andritz.com

ANDRITZ Separation GmbH, Selb
Phone: +49 (9287) 75 700
Fax: +49 (9287) 75 704
e-mail: separation.de@andritz.com

ENGLAND

ANDRITZ Ltd.
Phone: +44 (1782) 56 5656
Fax: +44.(1782) 56 6130
e-mail: separation.uk@andritz.com

SLOVAKIA

ANDRITZ Jochman s.r.o.
Phone: +421 (53) 4198 110
Fax: +421 (53) 4198 161
e-mail: separation.sk@andritz.com

FRANCE

ANDRITZ S.A.S., Vélizy
Phone: +33 (139) 26 05 50
Fax: +33 (139) 26 05 60
e-mail: separation.fr@andritz.com

ANDRITZ S.A.S., Châteauroux
Phone: +33 (254) 61 3333
Fax: +33 (254) 61 3330
e-mail: separation.fr@andritz.com

NETHERLANDS

ANDRITZ B.V.
Phone: +31 (2236) 33474
Fax: +31 (2236) 37781
e-mail: separation.nl@andritz.com

SPAIN

ANDRITZ Ingeniería S.A.
Phone: +34 (91) 663 6409
Fax: +34 (91) 651 1931
e-mail: separation.es@andritz.com

RUSSIA

ANDRITZ Representative Office Moscow
Phone: +7 (499) 940 4182
Fax: +7 (499) 940 4186
e-mail: separation.msk@andritz.com

BRAZIL

ANDRITZ Separation Industria e Comércio de Equipamentos de Filtracão Ltda
Phone: +55 (47) 3387 9100
Fax: +55 (47) 3387 9103
e-mail: separation.bra@andritz.com

CANADA

ANDRITZ Separation
Phone: +1 (306) 931 0801
Fax: +1 (306) 931 2442
e-mail: separation.ca@andritz.com

CHILE

ANDRITZ Chile Ltda.
Phone: +56 (2) 462 4600
Fax: +56 (2) 462 4646
e-mail: separation.cl@andritz.com

USA

ANDRITZ Separation Inc.
Phone: +1 (817) 465 5611
Fax: +1 (817) 468 3961
e-mail: separation.us@andritz.com

INDIA

ANDRITZ Separation Private Limited
Phone: +91 (44) 4399 1111
Fax: +91 (44) 2653 5103
e-mail: separation.in@andritz.com

SINGAPORE

ANDRITZ Singapore Pte. Ltd.
Phone: +65 (6512) 1800
Fax: +65 (6863) 4482
e-mail: separation.sg@andritz.com

CHINA

ANDRITZ Technologies Ltd.
Phone: +86 (757) 8296 9222
Fax: +86 (757) 8296 9289
e-mail: separation.cn@andritz.com

TAIWAN

ANDRITZ AG, Representative Office
Phone: +61 (2) 4975 3633
Fax: +61 (2) 4975 3405
e-mail: separation.au@andritz.com

SOUTH AFRICA

ANDRITZ (Pty.) Ltd.
Phone: +27 (11) 455 0107
Fax: +27 (11) 455 0146
e-mail: separation.za@andritz.com

AUSTRIA

ANDRITZ AG
Phone: +43.316.6902-2318
Fax: +43.316.6902-463
e-mail: separation@andritz.com

AUSTRALIA

ANDRITZ Pty Ltd.
Phone: +61 (2) 4914 4000
Fax: +61 (2) 4975 3405
e-mail: separation.au@andritz.com

www.andritz.com

ANDRITZ-Poseidon

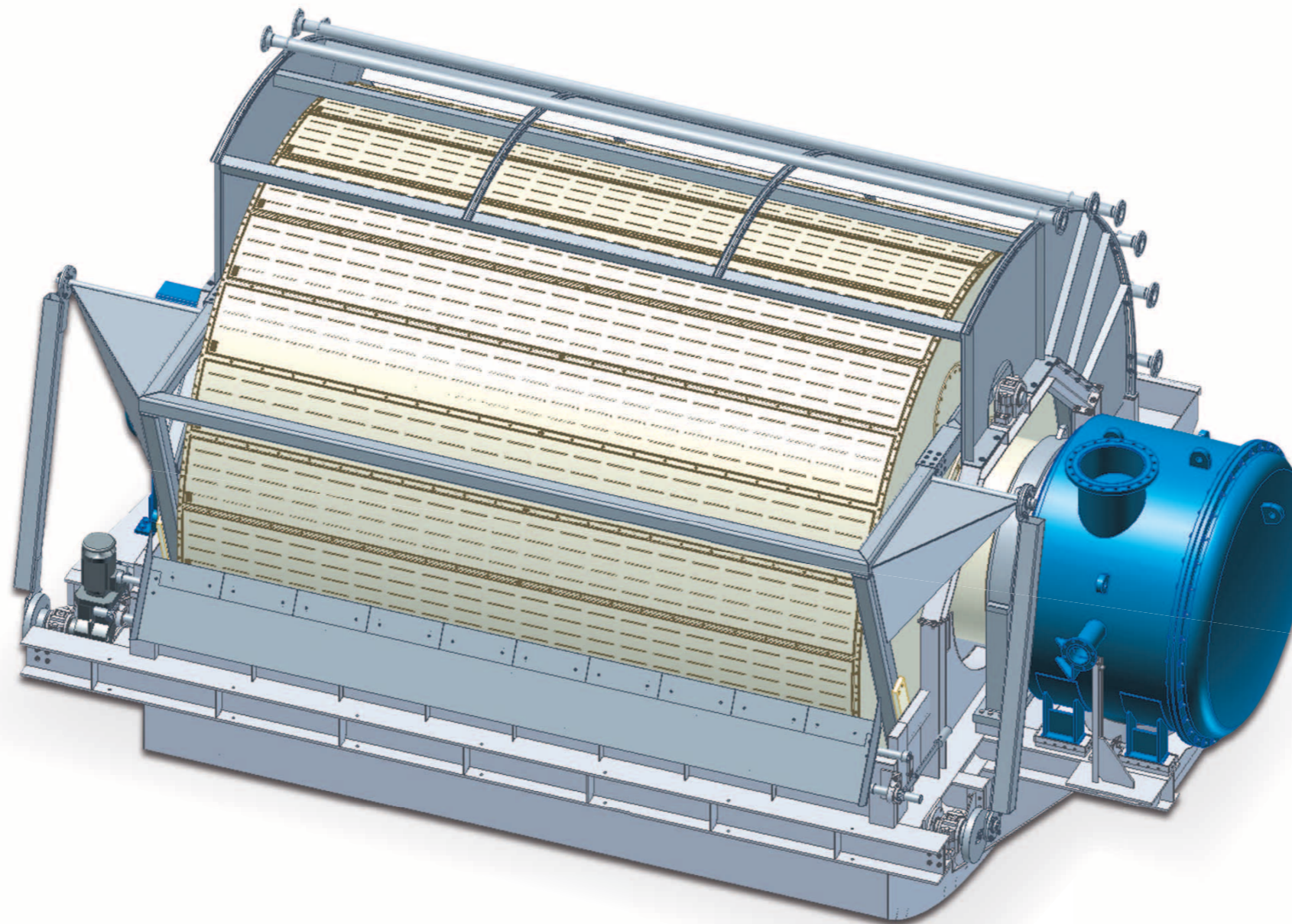
Alumina Disk and Drum Filters



The ANDRITZ-Poseidon Vacuum Disk and Drum Filters

for high-capacity, low-moisture applications in the alumina industry

ANDRITZ-Poseidon disk filters range in size from a single disk to 12 disks. The filtration area ranges from 36 m² to 432 m², with capacities of 50 m³/h to more than 2000 m³/h per filter. Low moisture, high specific capacity, and optional washing make these filters the first choice in the alumina industry. The receiver control head eliminates the need for a filtrate receiver, saving space and cost for the filter building. Easy flow control thanks to heavy-duty, variable speed drive and adjustable gate knife.



The filter's optimum performance is the result of a number of features:

- Large number of filter cells
- Quick release of sectors
- Clamps for quick cloth change on drum filters
- Filtrate pipes with high hydraulic capacity
- Large filtration areas per square meter of filter building
- Robust drum filter agitator
- Strong filter drive
- Low sector volume
- Slurry agitating with open disk filter shaft
- Integrated gate knife for flow control

Your benefit

- low energy consumption
- high specific throughput
- high total throughput
- long service life, even under tough process conditions
- low residual moisture
- low footprint
- large filtration area per filter
- high washing efficiency
- quick cloth change
- efficient cake discharge
- No dangerous corking of filter cloth on drum filter

Options

- Filter housing
- Spray bars
- Rear access platforms
- Level control
- Gate knife

