

Riera Nadeu 

ENGINEERED IN
BARCELONA
1952



Riera Nadeu 



Riera Nadeu



ABOUT US

- Innovation from Barcelona
- Worldwide presence with 2.000+ installations
- Quality equipment since 1952

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RINA BRAND

- Taylor made projects
- Low maintenance machines
- Energy efficient solutions

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BATCH PROCESS

- RINA Serie 200
- RINA Serie 300
- RINA Series 700

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RINA 200

Innovations

- Inertia base as structural part of the machine

Benefits

- Reliable & simple
- Multipurpose
- Ideal for filtering but non scrapping products
- Easy product change
- Versatile

Clients

GRIFOLS

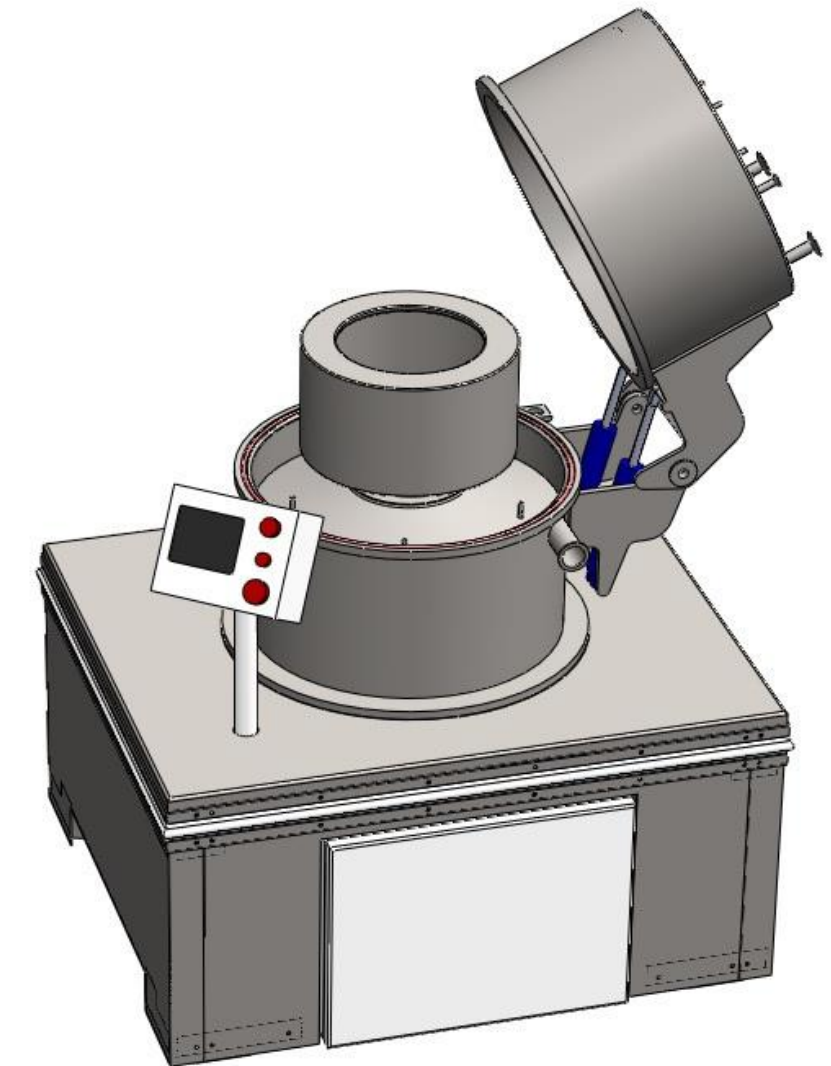
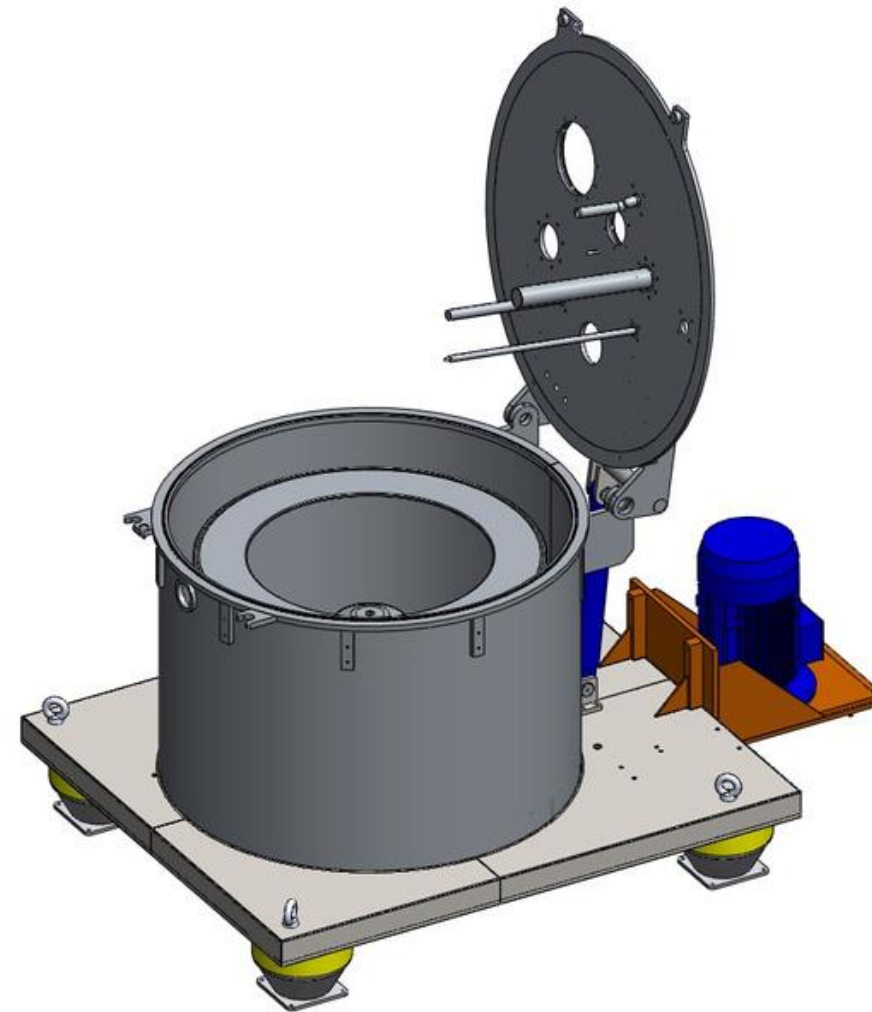
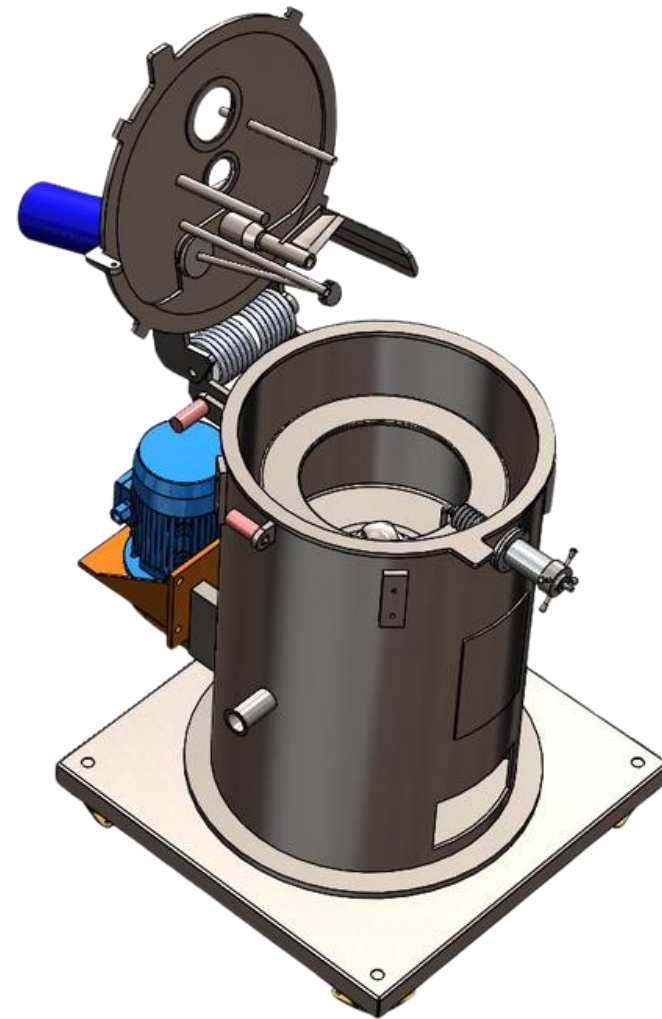
MERCK

ESTEVE

MOEHS
FINE CHEMICALS

INFAR S.A.





RINA 200

- Full opening lid or casing
- Manual or hydraulically assisted
- Easy maintenance
- Filtering or decanting type

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RINA 200

 **INFAR S.A.**

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MODELS	Basket Ø mm	Basket Heigh Ø mm	Cake Thickness mm	Capacity dm3	Density Kg/m3	Nominal Load Kg	Filtering Surface dm2	Speed rpm	G Factor Up to	Sigma at Wall Basket	Weight Kg	Dimensions mm
200F/D250	250	150	35	3,5	1250	4,4	11,78	3600	1800	212	50	400x500x500
200F/D400	400	200	60	12	1250	15	25,13	2500	1390	349	150	600x800x750
200F/D500	500	250	75	25	1250	31,3	39,27	2475	1700	668	300	700x1000x850
200F/D600	600	350	90	50	1250	62,5	65,97	2450	2000	1320	400	800x1200x750
200F/D650	650	400	120	68	1250	85	81,68	2400	2080	1380	450	800x1200x800
200F/D700	700	350	105	68	1250	85	76,97	2270	2000	1540	500	900x1300x1000
200F/D800	800	400	120	100	1250	125	100,53	1575	1103	1108	3450	1500x2050x1200
200F1000	1000	500	150	200	1250	250	157,08	1100	672	NA	5200	1800x2450x2000
200F1200	1200	625	185	390	1250	487,5	245,44	1050	766	NA	6200	2000x2526x2420
200F1400	1400	700	210	550	1250	687,5	307,88	800	498	NA	6800	2100x3050x2475

RINA 300

Innovations

- Modular concept
- Customizable
- Machine adapted to the process
- Oil free double effect scrapper (patent pending)
- Base frame as structural part of the machine
- All parts in contact with the product are massive. No lined parts

Benefits

- Fully automatic batch
- Regenerative converter in all models as standard
- Widest range of machines sizing
- From 500 up to 1800 mm basket diameter
- Different heights with same basket diameter
- High g factor

Clients



MERCK

BASF
The Chemical Company

MOEHS
FINE CHEMICALS

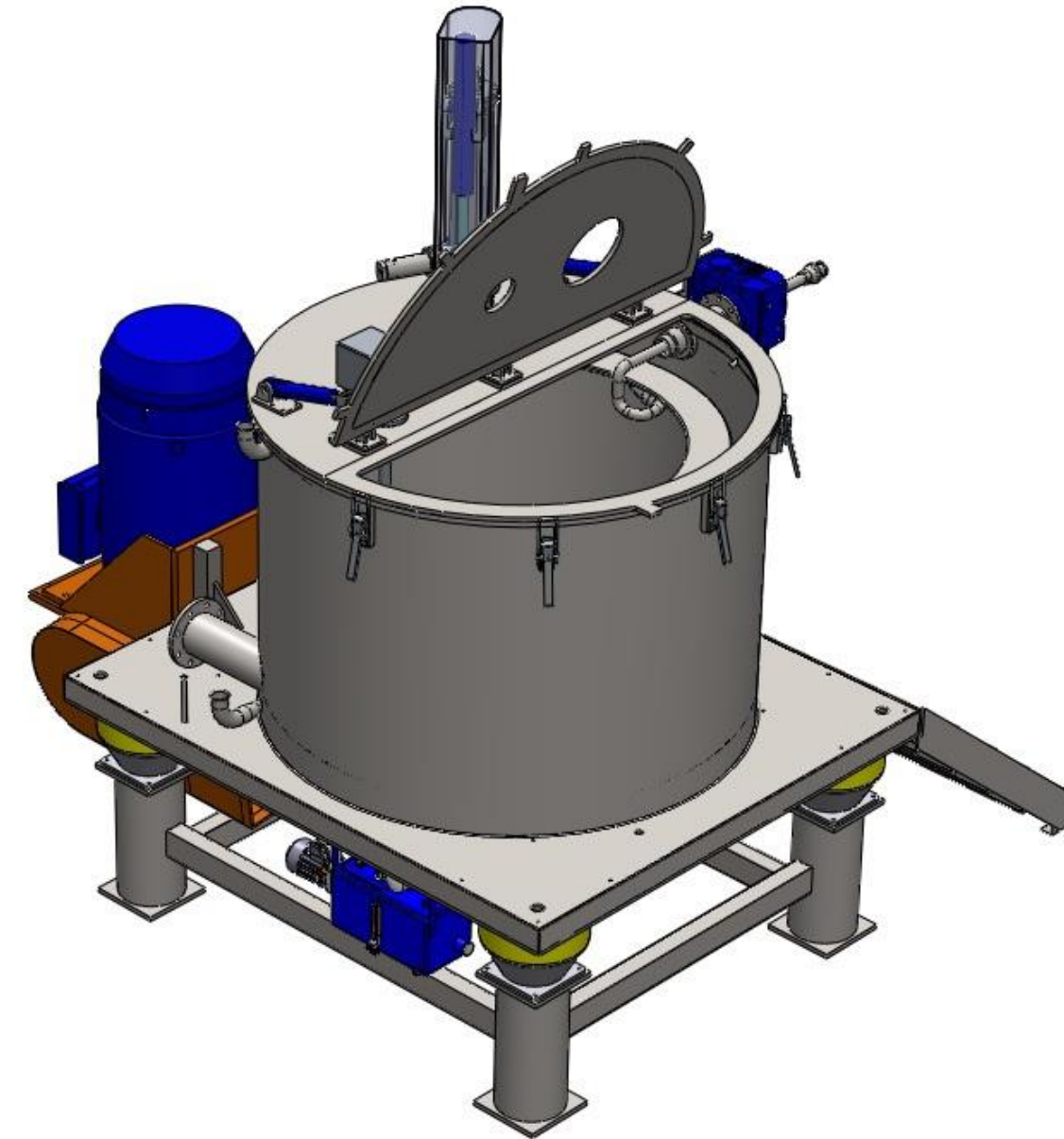
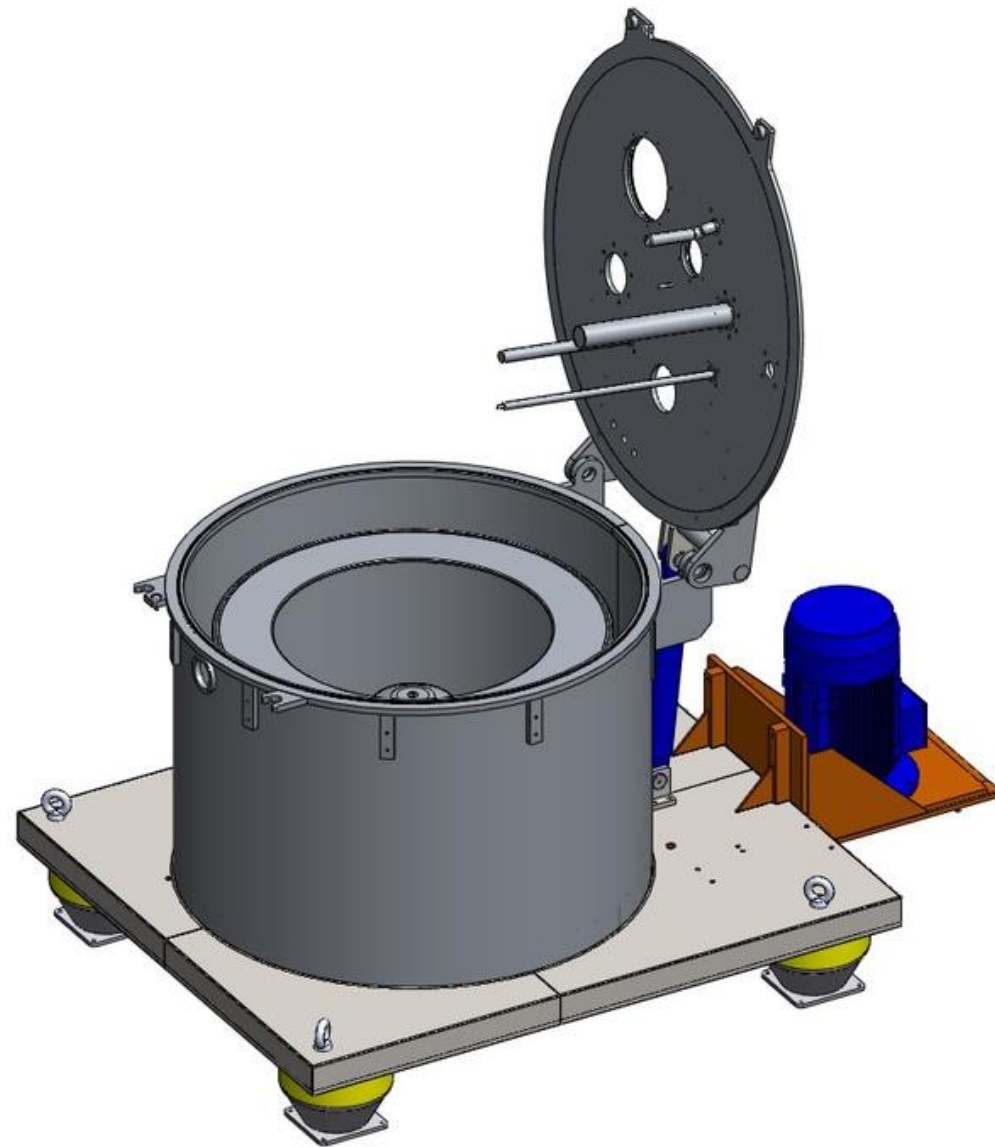
SANOFI

GRUPO
Juste
salud e innovación desde 1922

ALBEMARLE
CORPORATION

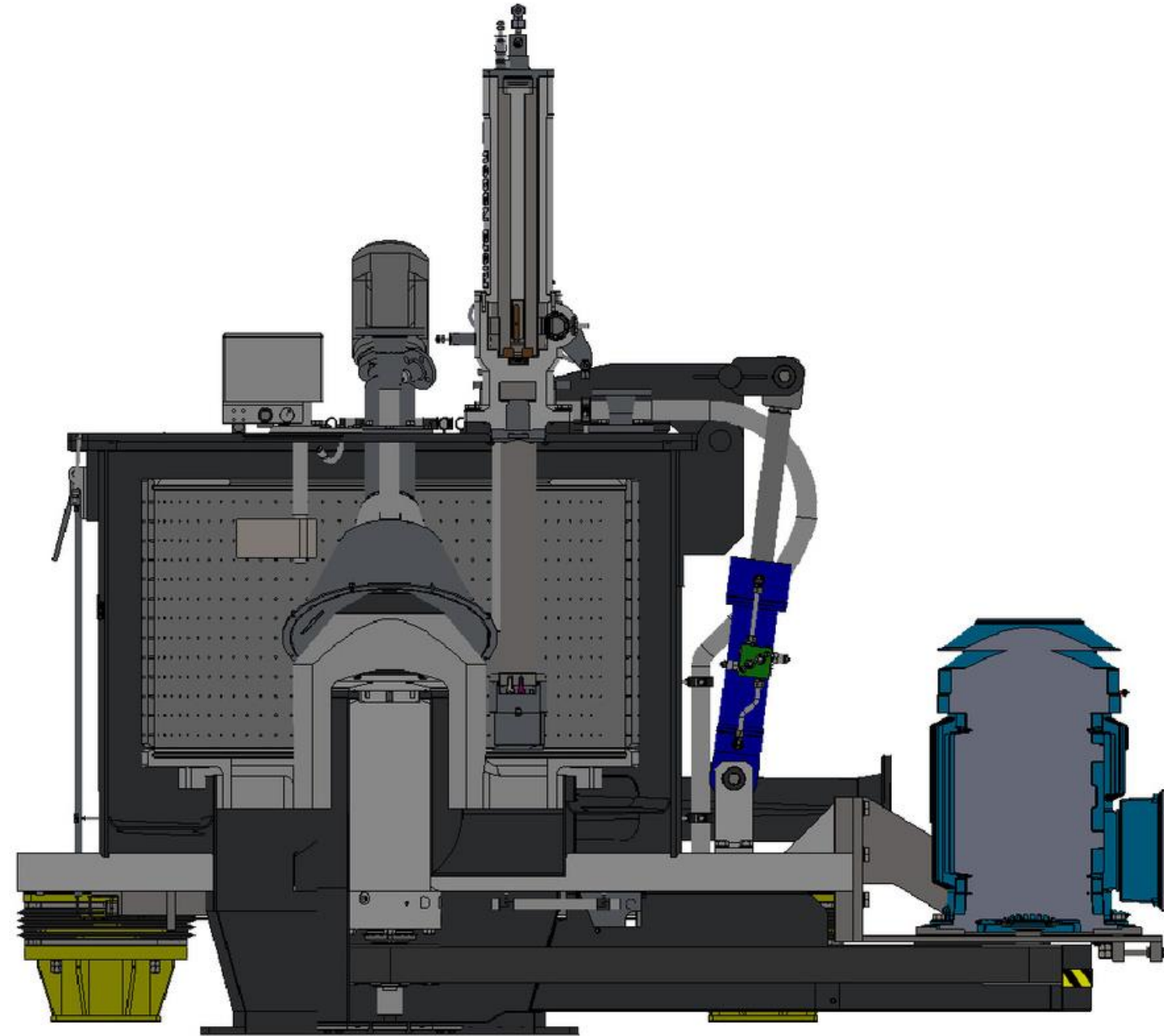
Axens
Powering integrated solutions





- Full or half opening lid
- Full opening casing
- Hydraulically assisted

RINA 300



RINA 300

- Bottom or top discharge
- Dynamic or static feeding system
- CIP
- Oil free double effect scrapper
- Oil free simple effect scrapper
- Automatic feed detector

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RINA 300

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MODELS	Basket Ø mm	Basket Heigh Ø mm	Nominal Volume Lts.	Filtering Surface m2	Basket Rpm	G FACTOR Up to	Basket Inch	Basket Heigh Inch	Volume Cu. Ft.	Filtering Surface Sq. Ft.
300F/D	650	325	50	0,66	3000	3250	25	13	1,77	7,14
300F/D	800	400	100	1,01	2600	3000	32	16	3,53	10,82
300F/D	1000	500	200	1,57	1800	1800	40	20	7,06	16,91
300F/D	1250	500	300	1,96	1315	1200	49	20	1059	21,11
300F/D	1250	625	390	2,45	1315	1200	49	25	13,77	26,42
300F/D	1250	700	430	2,75	1315	1200	49	28	15,19	29,59
300F/D	1250	800	500	3,14	1315	1200	49	32	17,66	33,82
300F/D	1250	1000	625	3,93	1315	1200	49	40	22,07	42,27
300F/D	1400	700	550	3,08	1315	1000	55	28	19,42	33,14
300F/D	1400	800	625	3,52	1315	1000	55	32	22,07	37,87
300F/D	1500	750	675	3,53	1100	1000	59	30	23,84	38,04
300F/D	1600	800	700	4,02	1100	1000	63	32	24,72	43,28
300F/D	1600	1000	1000	5,03	1060	1000	63	40	35,31	54,10
300F/D	1800	900	1095	5,09	1000	1000	70	35	38,67	54,78
300F/D	1800	1000	1200	5,65	1000	1000	70	40	42,38	60,87

RINA 700 Pharma

Innovations

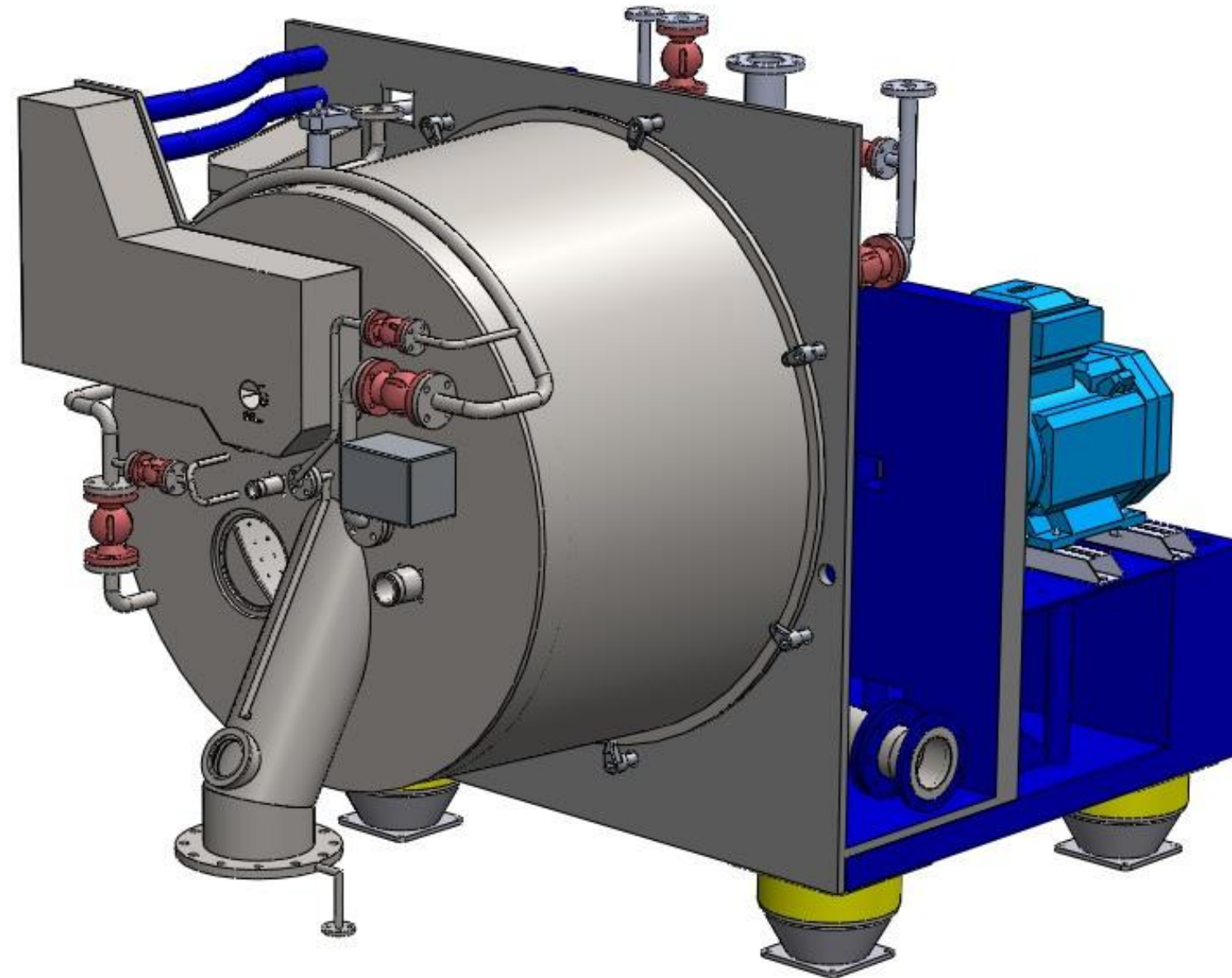
- Flattest machine in the market
- Plug & play concept
- First centrifuge with RIO in the market
- Bearings sealing system status detection
- Possibility to change sealing system without dismantling the bearing box

Benefits

- Regenerative converter in all models as standard
- From 350 up to 2000 mm basket diameter
- Either top or bottom discharge
- Easy installation
- All peripherals located in the machine full operative
- Machine only need services to run

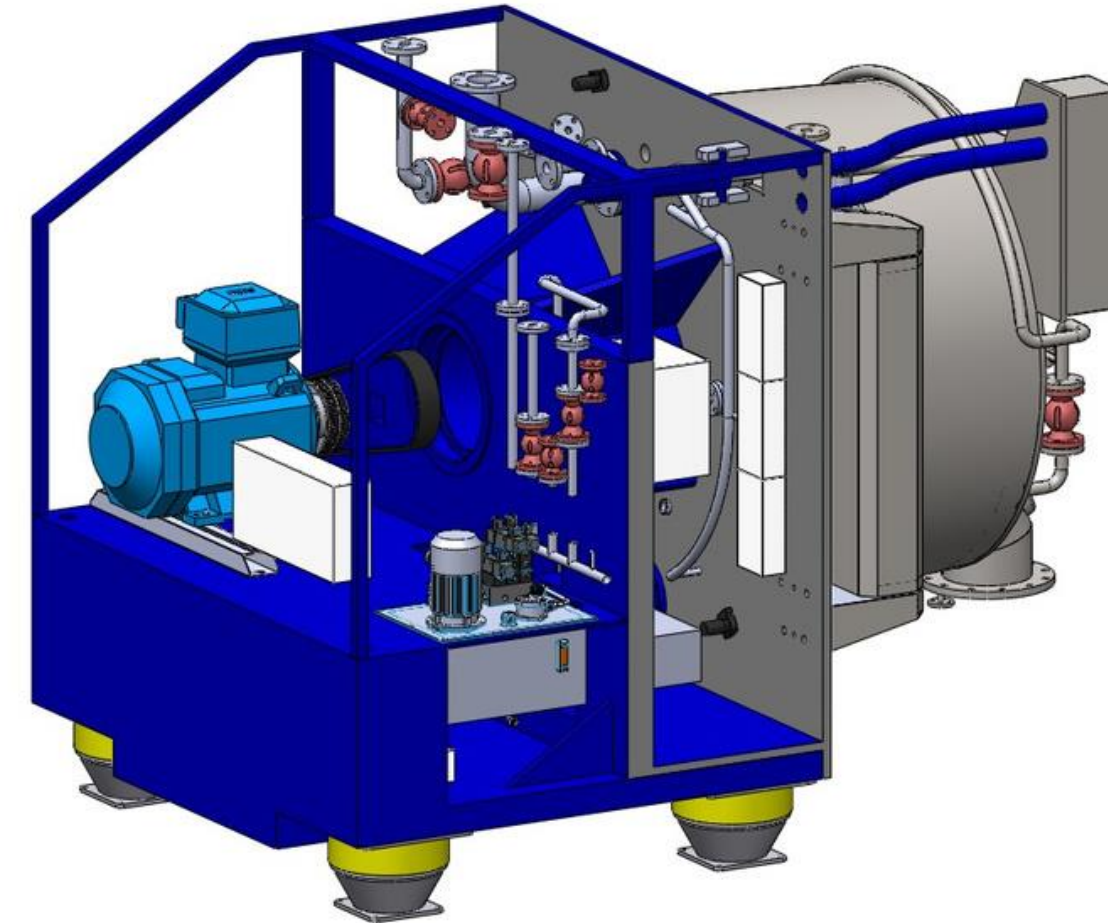
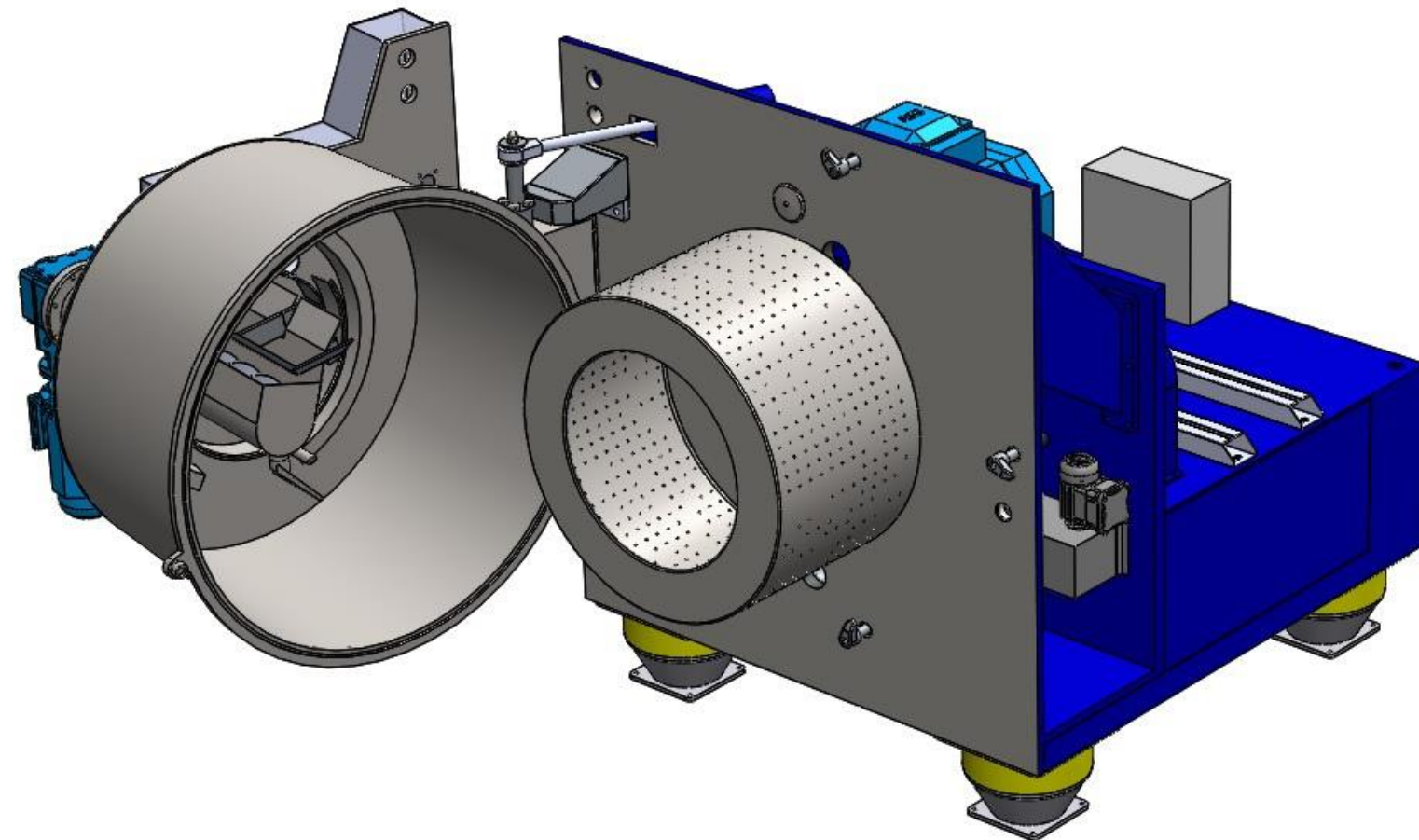
Clients





RINA 700 Pharma

- Through the wall design
- Full opening casing (left or right hand)
- Flattest design in the market
- All in one concept



RINA 700 Pharma

- Easy maintenance
- All elements are removable
- All services are located at the back side

- Possibility to change sealing system w/o dismantling the bearing box
- Sight glass in the frame to observe mother liquor

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RINA 700 Pharma

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MODELS	Basket Ø mm	Basket Heigh Ø mm	Nominal Volume Lts.	Filtering Surface m2	Basket Rpm	G FACTOR Up to	Basket Inch	Basket Heigh Inch	Volume Cu. Ft.	Filtering Surface Sq. Ft.
700F	350	220	10	0,24	3950	3000	14	9	0,35	2,60
700F	500	250	25	0,39	3500	3400	20	10	0,88	4,23
700F	650	325	50	0,66	3000	3250	25	13	1,77	7,14
700F	800	400	100	1,01	2600	3000	32	16	3,53	10,82
700F	1000	500	200	1,57	1800	1800	39	20	7,06	16,91
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700F	1400	700	550	3,08	1135	1000	55	28	19,42	33,14
700F	1400	800	625	3,52	1135	1000	55	32	22,07	17,87
700F	1500	750	675	3,53	1100	1000	59	30	23,84	38,04
700F	1600	800	700	4,02	1060	1000	63	32	24,72	43,28
700F	1800	900	1095	5,09	1000	1000	71	35	38,67	54,78
700F	2000	1000	1400	6,91	950	1000	79	40	49,44	74,39

RINA 700 Chemical

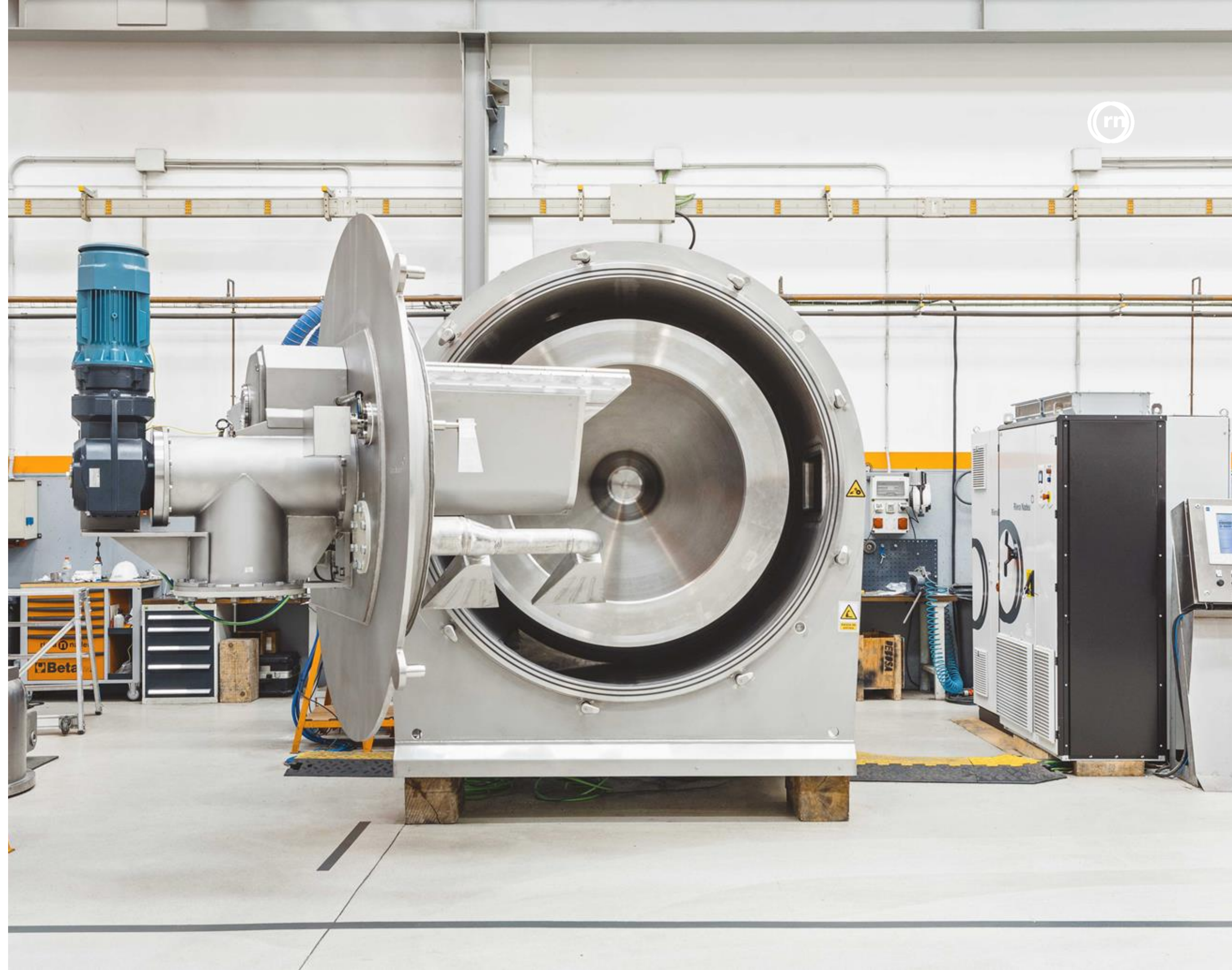
Innovations

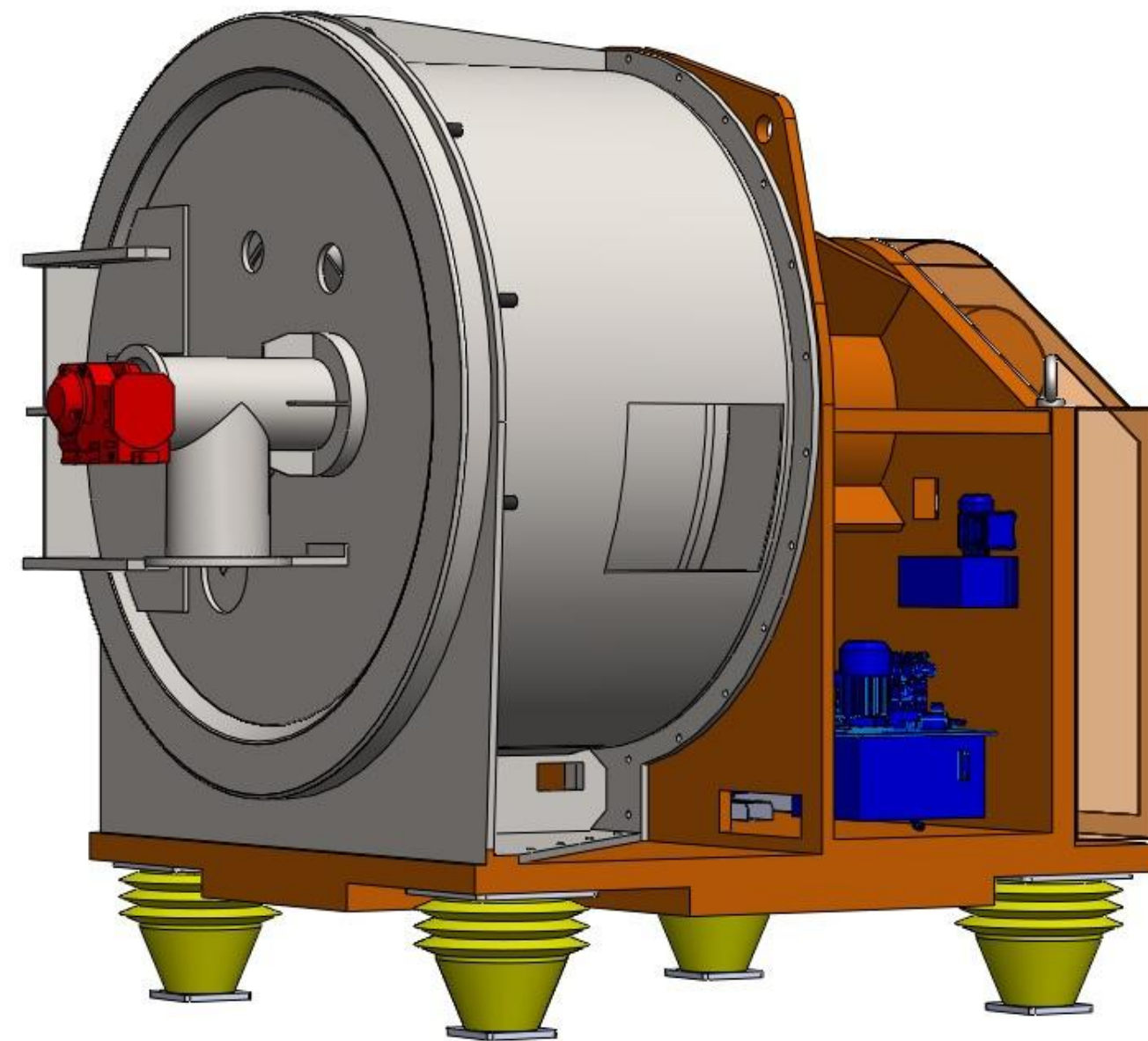
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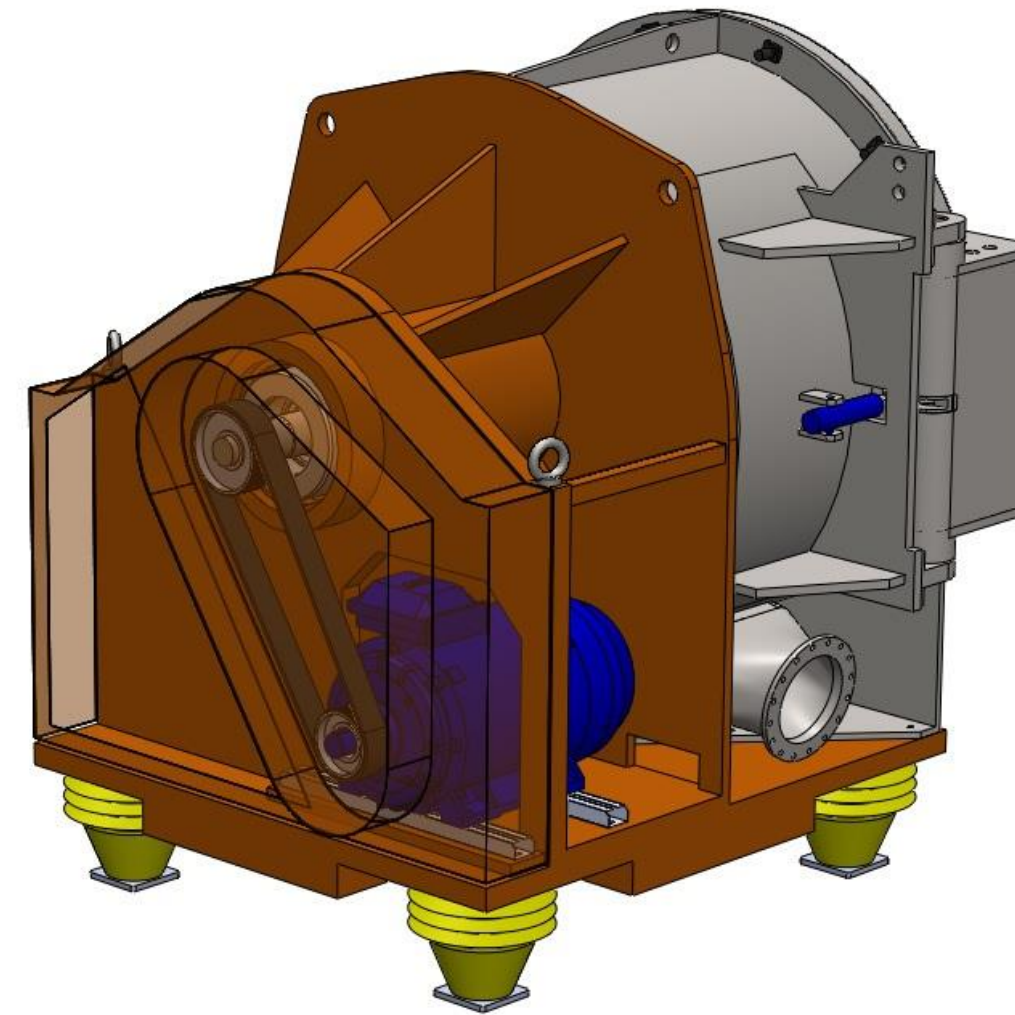
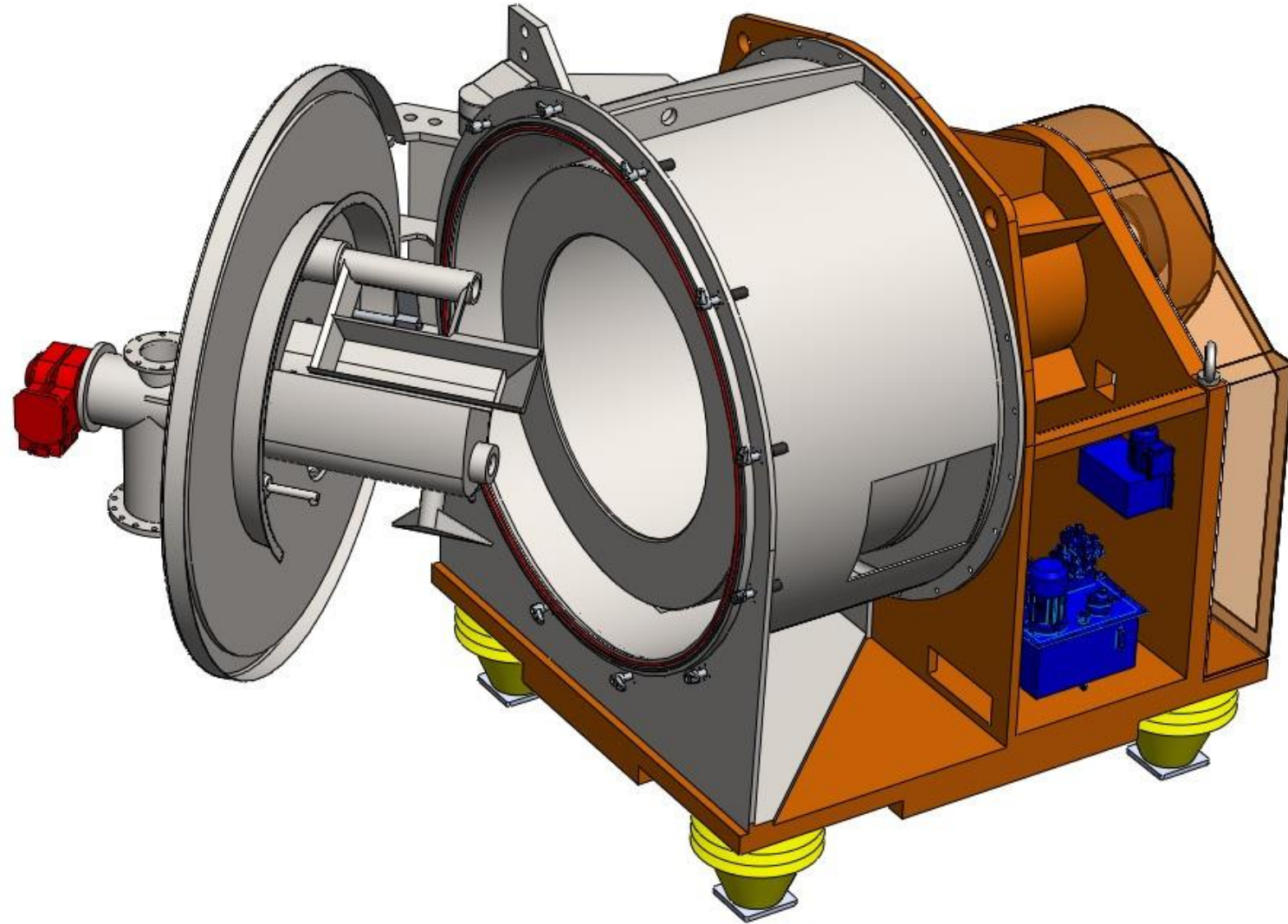
Clients





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- All in one concept



RINA 700 Chemical

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- All elements are removable
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RINA 700 Chemical

ARKEMA

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700F	350	220	10	0,24	3950	3000	14	9	0,35	2,60
700F	500	250	25	0,39	3500	3400	20	10	0,88	4,23
700F	650	325	50	0,66	3000	3250	25	13	1,77	7,14
700F	800	400	100	1,01	2600	3000	32	16	3,53	10,82
700F	1000	500	200	1,57	1800	1800	39	20	7,06	16,91
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700F	1500	750	675	3,53	1100	1000	59	30	23,84	38,04
700F	1600	800	700	4,02	1060	1000	63	32	24,72	43,28
700F	1800	900	1095	5,09	1000	1000	71	35	38,67	54,78
700F	2000	1000	1400	6,91	950	1000	79	40	49,44	74,39



CIRCULAR ECONOMY

- Long-term cooperation during the whole life cycle of your projects

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