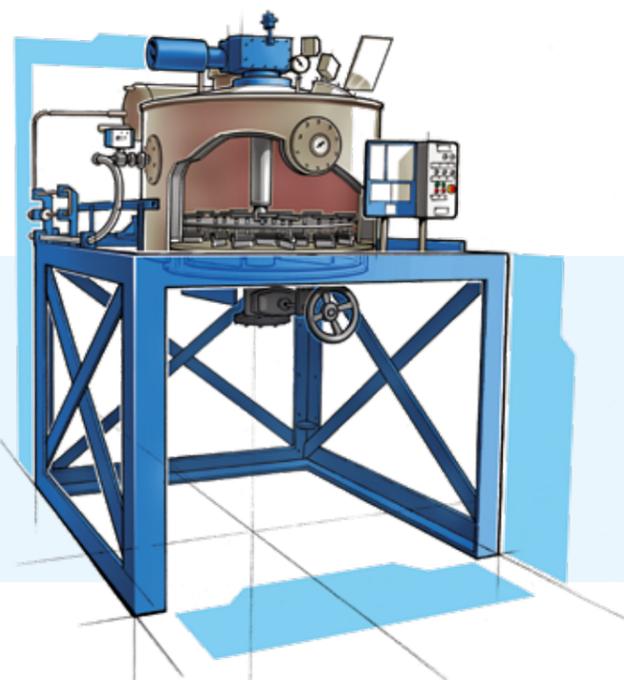


Model ROTomaX-e

- ▶ Cylindrical, vacuum-tight distillation boiler consisting of an insulated dome (stainless steel) with a heating floor (standard steel) flanged to the bottom
- ▶ Insulated, flat heating floor for heating with steam (10 bars, 185°C max.), consisting of a double-walled plate; the floor ensures an excellent heat transfer and full heating capacity regardless of the solvent level in the boiler
- ▶ Steam generator flanged to the heating floor, operated with electric power or with steam or thermal oil from an on-site network. Direct heating of the floor with steam or warm water is also possible
- ▶ Water-cooled stainless steel condenser
- ▶ Rotating scraper system (rotor), prevents deposit build-up on the heating floor, agitates the material to be distilled and keeps the discharge valve clean
- ▶ Dirt-resistant discharge valve, operated manually or pneumatically
- ▶ The unit rests on a robust frame
- ▶ The discharge height is adapted to the disposal container and/or a 200-l-barrel (on a pallet). Other heights are possible
- ▶ A viewing glass and an explosion-proof halogen lamp permit operators to observe the distillation process via mirrors
- ▶ Automatic filling stop when the preselected filling quantity is reached; the process is monitored by load cells that register the total weight of the distillation boiler; filling is stopped by a pneumatic ball valve in the filling line
- ▶ Batch distillation or continuous distillation
- ▶ Control of the heating temperature according to the boiling temperature
- ▶ PLC system and display with readings on heating temperature, filling quantity, refill quantity, discharge quantity and distillate quantity

Accessories

- ▶ Vacuum unit for lowering process temperatures, incl. a liquid jet vacuum pump
- ▶ Residue temperature control system for processing of heat-sensitive substances
- ▶ Sealing plate or sealing hood adapted to the on-site disposal container, optionally with an air extraction system
- ▶ Thermostatic valves if the unit is connected to an on-site cooling/public water system; separate cooling water devices with their own circuits are available as option



Distillation unit	ROTOmaX-e 15	ROTOmaX-e 20	ROTOmaX-e 30
Capacity l	approx. 50 - 200	approx. 50 - 250	approx. 70 - 400
Boiler capacity l	approx. 350	approx. 450	approx. 750
Distillation output l/h *	approx. 45 - 90	approx. 60 - 120	approx. 90 - 180
Cooling water consumption m ³ /h **	approx. 1.5	approx. 2.0	approx. 2.5
Heating capacity kW	15	20	30
Weight kg ***	2000	2000	2300
	W x H x D	W x H x D	W x H x D
Dimensions mm **	1500 x 3100 x 1900	1500 x 3100 x 1900	1700 x 3200 x 2100
Required space mm **	4500 x 3400 x 4000	4500 x 3400 x 4000	4500 x 3400 x 4200
Transport clearance mm **	1700 x 2200 x 2000	1700 x 2200 x 2000	1800 x 2400 x 2300
* Output depends on the solvent			
** If water from a public system is used; depends on the water temperature and the boiling point of the solvent; a closed cooling circuit with zero water consumption is possible			
*** Standard version without accessories or solvent containers			

* Subject to technical changes



ROTOmaX-e