

Rotocav



Technology

Innovative, Easy and Safe Technology For Industrial
Processes



Via XXIV Maggio 20
13888 Mongrando (BI)
P. IVA: 10341910015

E-mail: info@epic-srl.com

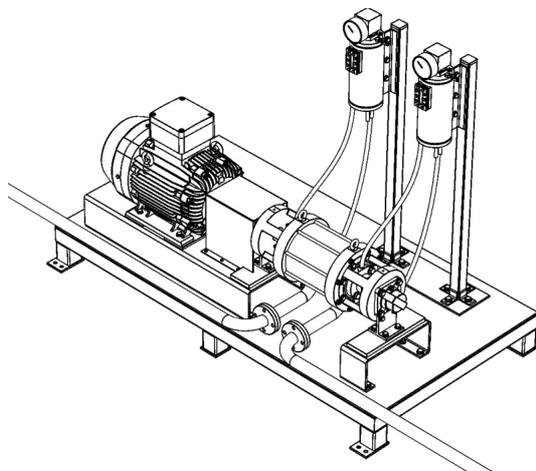
INSTALLATIONS

Continuous: inline, SINGLE PASSAGE

The inline ROTOCAV installation is suggested when the desired treatment is effective with a single passage through the cavitation chamber.

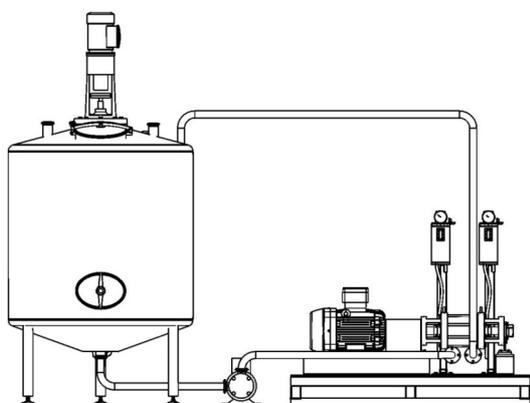
In some cases it is suggested to install the unit in series to improve the performance of the treatment.

In other cases it is instead recommended to pre-mix the processed fluid in an upstream stirred tank.



Batch: recycle, MULTIPLE PASSAGES

The ROTOCAV is installed in a loop with a stirred tank when multiple passages into the cavitation chamber are needed to obtain the desired process operations. For example: high degree of homogenization, emulsions, or extraction of bio-components from natural matrices. When the ROTOCAV works in batch mode, the recirculation pump is designed to ensure a statistically specific number of passages of all the processed fluid into the cavitation chamber.



MODELS AND PRODUCTION CAPACITIES

Available models are presented in the herein below table.

MODEL	POWER (kW)	INLET /OUTLET (DN)	RPM	VOLUME FLOW MIN (L/h)	VOLUME FLOW MAX (L/h)
B4	4	25	3000	150	3000
B11	11	40	3000	500	7000
B22	22	65	3000	1500	15000
B37	37	80	1500	2000	25000
B75	75	100	1500	3500	45000

For all models it is possible to request the ATEX version

It is possible to perform proof of principles on a pilot unit available at the University of Turin.