

Rotocav



Technology

Innovative, Easy and Safe Technology For
Industrial Processes



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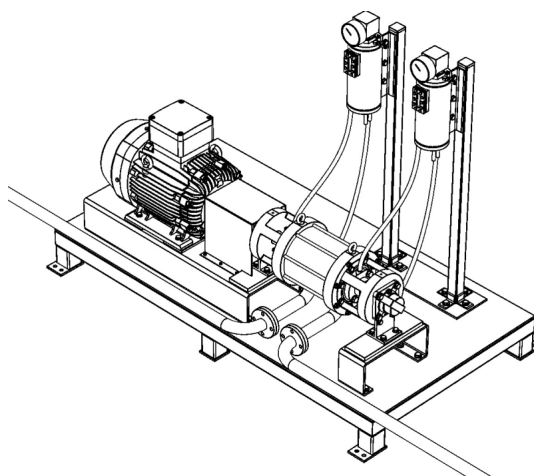
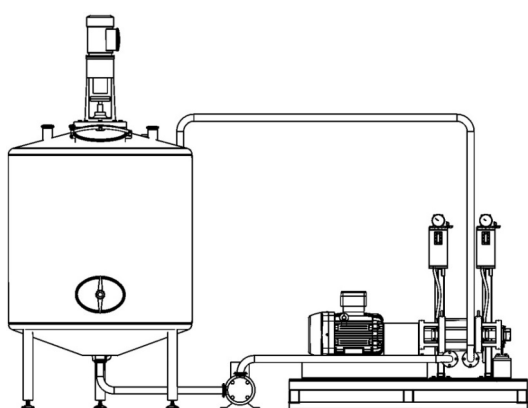
INSTALLATIONS

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, MULTIPLES PASSAGES

The ROTOCAV is installed in a loop with a stirred tank when multiples 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)	RPM	VOLUME FLOW (TPD)
B11	11	3000	100
B22	22	3000	210
B37	37	1500	350
B55	55	1500	520
B75	75	1500	720

For all models it is possible to request the ATEX version



It is also available a 4 kW laboratory unit

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