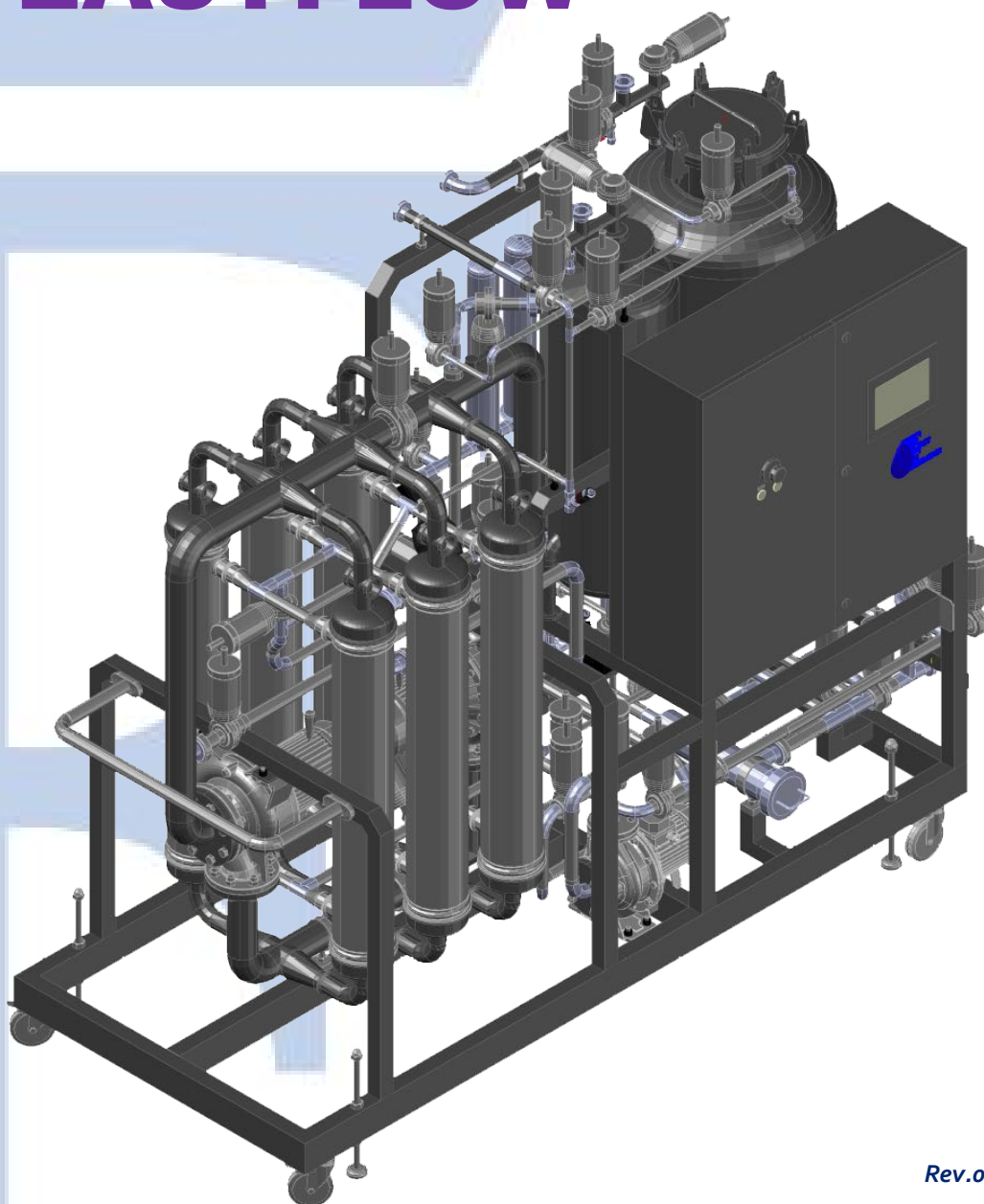# Easyflow

...Simplicity in filtering...

TANGENTIAL FILTER
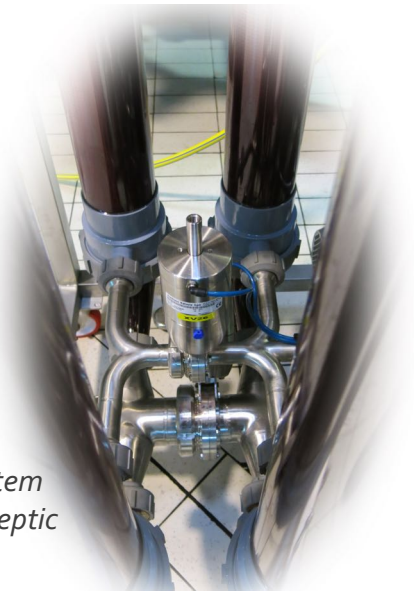
EASYFLOW

Adaptability in spirit
Easyflow adapts to our customers' production modes with the various configuration possible

Easyflow can also work tank to tank avoiding any product contact with the oxygen. In standard operative mode Easyflow uses the tanks installed on the skid. If necessary it is possible to divide the mass to be processed, into small batches to minimize the fiber clogging control allowing a more efficient cleaning phase.

Respect for the products
Easyflow has been designed, thanks to a meticulous study of fluid dynamics and accurate choice of components, to ensure maximum protection of the product to be treated.

The mechanical design and software with the support of CAD 3D and the most advanced automation knowledge, has allowed us to optimize the Easyflow system fluid dynamics to create the lowest stress of the product respecting the organoleptic qualities.

Ingenious automation
Easyflow is managed by a latest generation PLC to ensure the best management of production cycles.

The Easyflow software has been designed to optimize the real needs of production. The flexibility and the effective diagnostic capability of Easyflow supply to the customers real management autonomy. The software adapts itself optimizing the process according to the product quality to be treated.

Process traceability

Easyflow collects all process data of any automatic cycle including the operations done by touch screen.

:01:07 15/01/16 EU NESSUNA SEQUENZA IN CORSO
:01:06 15/01/16 E   FASE: Nessuna fase in corso
:01:06 15/01/16 E   NESSUNA SEQUENZA IN CORSO
:00:14 15/01/16 EU FASE: Lavaggio chimico caldo completo CD4
:00:14 15/01/16 EU LAVAGGIO CHIMICO CD4 SEMIAUTO IN CORSO
:00:13 15/01/16 E   FASE: Lavaggio chimico caldo completo CD4
:00:13 15/01/16 E   LAVAGGIO CHIMICO CD4 SEMIAUTO IN CORSO
59:47   15/01/16 E   SISTEMA: Login effettuato da Administrator

Control panel can automatically record all the process values of any phase, sequence of the filtration process. In fact, all temperatures, levels, pressures, abnormalities, signals and accesses will be recorded automatically. These data are available for off-line consultation via any computer or can be automatically sent to the QC for the production batch certification.

Parsimonious spirit

Easyflow for its flushing and sanitizing needs minimal quantities of water and chemical solutions.
In addition, low energy consumption and operating noise have been designed in line with environmental protection

The Easyflow cleaning procedure is designed to ensure the maximum efficiency minimizing the use of water and low chemical detergent and sanitizing solutions. The power consumption is very low as well as the background noise in line with the most stringent regulatory on this matter.

Operative performance at 360°

Easyflow has a remote process control system that makes it manageable from anywhere in the world. It also transmits to the user the process data in real time, the anomaly or the technical problem occurred.

The remote control is a first class system which can be remotely managed wherever you are in the world simply with a smartphone, tablet and/or PC. From remote you can also download the historical data, trends. Simultaneously you will receive by sms or email in real time the list of any alerts and or events.

NESSUNA SEQUEN

Tempo: 0:00:00 Fase: 0/0

MANUTENZIONE VALVO

0	XV1	0	XV7
0 Rst		0 Rst	
0	XV2	0	XV8
0 Rst		0 Rst	
0	XV3	0	XV9
0 Rst		0 Rst	
0	XV4	0	XV10
0 Rst		0 Rst	
0	XV5	0	XV11

Maintenance under control

Easyflow supplies a predictive maintenance procedure.

The Easyflow control panel collects the operative running time of each pumps. The openings and closures of each automatic valves. The partial and total water consumption as well as the quantity of chemicals, the overall productivity. All these data support the operator for a predictive maintenance operation.

Easyflow Features

	EASYFLOW "E"	EASYFLOW "M"	EASYFLOW "S"	EASYFLOW "A"
Production @ constant TMP	✔	✔	✔	✔
Production @ constant flow rate		Optional	Optional	✔
Back pulse with N2	✔	✔	✔	✔
Back pulse with permeate		Optional	Optional	✔
Concentrate collection external tank	✔	✔	✔	✔
Concentrate collection tank T1			Optional	✔
Final concentration (option RCV)	Optional	Optional	Optional	Optional
Recovery	Manual	Manual	✔	✔
Cold rinsing	Manual	Manual	✔	✔
Hot rinsing	Manual	Manual	✔	✔
Drainage	Manual	Manual	✔	✔
Chemical cleaning			Optional	✔
Strainer wash up			Optional	✔
Fully automatic Integrity Test			✔	✔
Electric heater exchange tank T1 (option HE1)			Optional	Optional
Isobaric function (option ISO)			Optional	Optional
Option "ISO Basic"			Optional	Optional
External supply pump (option P4)			Optional	Optional
Management external tanks (option "TDM3")				Optional
Online turbidity control				Optional

Easyflow Capacity

	Surface area	Total width	Total length	Total high	Minimum flow rate	Maximum flow rate
EASYFLOW 2L	30,4m^2	800mm.	2000mm.	2000mm./(2250mm.)*	7,5hl/h	30hl/h
EASYFLOW 4L	60,8m^2	1000mm.	2300mm.	2000mm./(2250mm.)*	15hl/h	60hl/h
EASYFLOW 6L	91,2m^2	1100mm.	2700mm.	2000mm./(2250mm.)*	22hl/h	90hl/h
EASYFLOW 8L	121,6m^2	1200mm.	3200mm.	2000mm./(2250mm.)*	30hl/h	120hl/h
EASYFLOW 10L	152,0m^2	1200mm.	3700mm.	2000mm./(2250mm.)*	35hl/h	150hl/h
EASYFLOW 12L	182,4m^2	1300mm.	4200mm.	2000mm./(2250mm.)*	45hl/h	180hl/h
EASYFLOW 14L	212,8m^2	1400mm.	4700mm.	2000mm./(2250mm.)*	50hl/h	210hl/h
EASYFLOW 16L	243,2m^2	1400mm.	5200mm.	2000mm./(2250mm.)*	60hl/h	240hl/h

* in parentheses the dimensions related to the isobaric version.