

### ELECTRICAL SPECIFICATION

ITEM	DESCRIPTION	CAPACITY
1	POWER SUPPLY*	220 VAC - 380 VAC - 440 VAC / 3P
2	ENERGY	104 kW (440 VAC)

\*More options on demand

### FLOW SPECIFICATION

ITEM	DESCRIPTION	CAPACITY
1	PUMP 01 - CLEAN WATER	200 m3/h - 4,4 bar
2	PUMP 02 - FILLING 1	150 m3/h - 3 bar
3	PUMP 03 - FILLING 2	150 m3/h - 3 bar
4	PUMP 04 - BOOSTER	20 m3/h - 4,5 bar
5	PUMP 05 - DRIP 1	150 m3/h - 5,4 bar
6	PUMP 06 - DRIP 2	150 m3/h - 5,4 bar

### DOSING CHANNELS

ITEM	DESCRIPTION	CAPACITY
1	NUMBER OF DOSING CHANNELS*	10 (8 IPERMIXER & 2 SERVICE PUMP UNIT)
2	VENTURI + ROTAMETER + MAGNETIC FLOWMETER**	100 - 2000 lts/hr.

\*Available under request up 9 to 14 dosing channels.

\*\*Optional use of magnetic flowmeter with display or vortex flowmeter

### AUTOMATIC FILTER

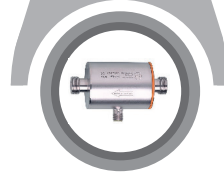
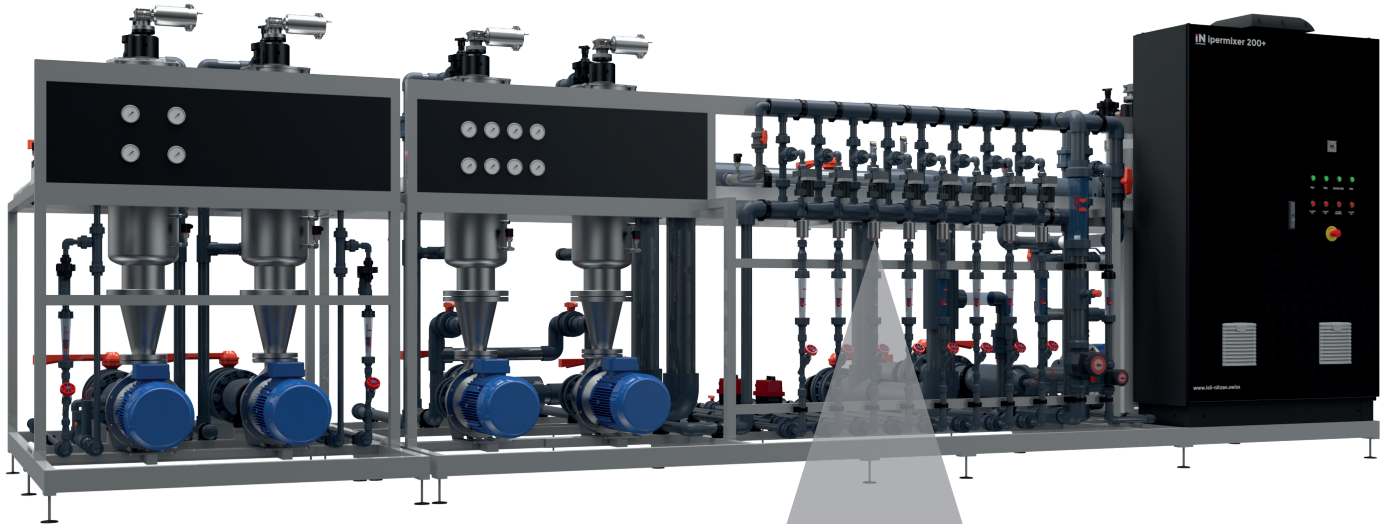
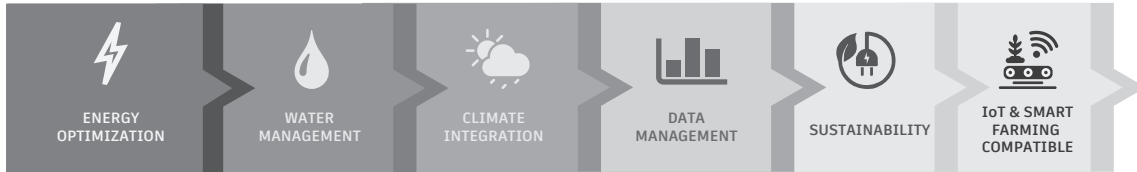
ITEM	DESCRIPTION	CAPACITY
1	MAXIMUM FLOW (P01, P02, P03, P05, P06)	200 m3/h
2	FILTRARION RANGE	100 µm
3	PIPING IN/OUT	Ø DN 150

### EQUIPMENT DESCRIPTION

ITEM	FEATURES
1	Built-in pre-treatment unit.
2	Independently controlled, 10-way automatic injection system.
3	Injection and regulation of fertilizers drive of a booster pump.
4	Control and monitoring of pH and EC.*
5	100% operational redundancy.
6	Injection system actuators. **
7	Automatic filtering system.
8	Pumps controlled by variable frequency drives.
9	Real-time recording of consumption through magnetic measurements.
10	Real-time computer control and monitoring.

\*Optional 2 pH/EC sensor and 1 pH/EC sensor to raw water.

\*\*Optional Pneumatic, 24 Vac, 24 Vdc.



Magnetic Sensor  
(Available with Display)

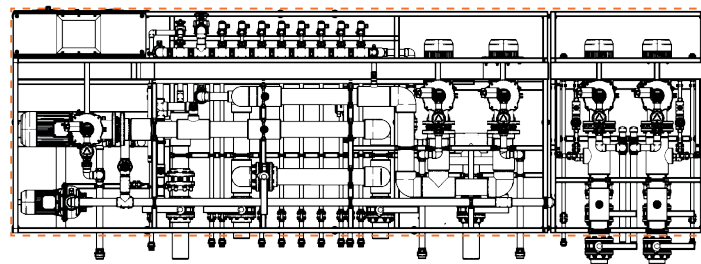
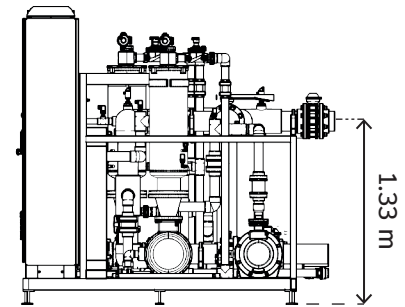
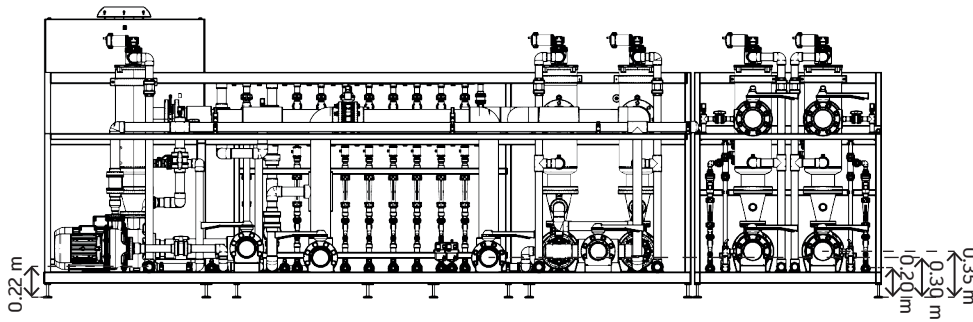
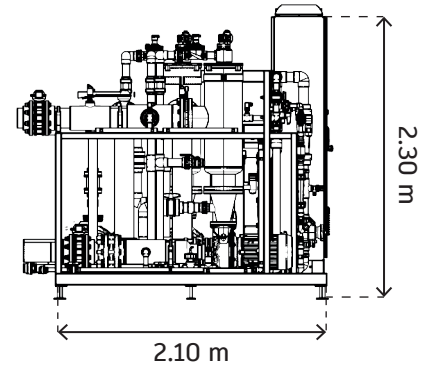
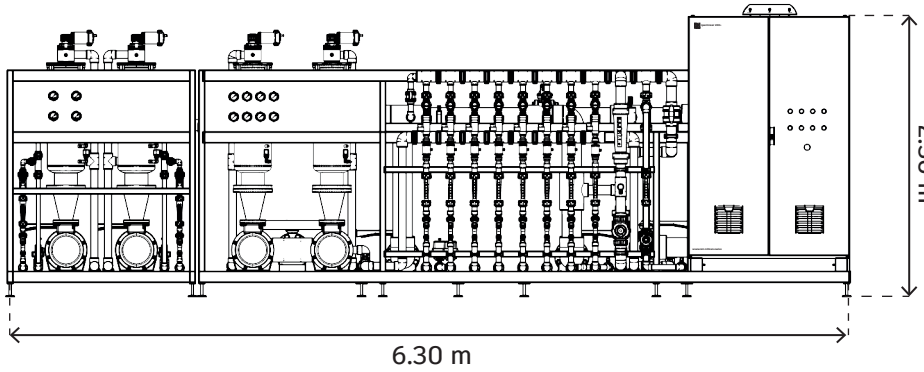


Vortex Sensor

All rights reserved by iSinitzan. Reproduction and distribution of any part of this document is prohibited.



**DIMENSIONS & FOOTPRINT**



Footprint: 13.23 m<sup>2</sup>

**Note:**  
- All 3D file drawing (.step, .dwg) are available.  
- The prices shown in the price list are valid from August 2023. They may be modified according to changes in materials and manufacturing accessories.

DIMENSIONS		
LENGTH	HEIGHT	WIDTH
6,30 m	2,30 m	2,10 m
FOOT PRINT		13.23 m <sup>2</sup>

