

# Watermakers

10, 15, 20, 25 and 35 m<sup>3</sup>/day



The Watermaker produces drinking water from sea water without chemicals. The capacity is 10, 15, 20, 25 or 35 m<sup>3</sup>/day from seawater (25° C).

The quality of the drinking water is continuously monitored with a salinity meter

The design is optimized for simple service and maintenance.

### The units are suitable for:

- Commercial vessels
- Offshore rigs and accommodation platforms
- Resorts, hotels and communities
- Golf courses
- Drilling platforms



	MT-10 T	MT-15 T	MT-20 T	MT-25 T	MT-35 T
Capacity m <sup>3</sup> /day	9	15	20	25	32
Installed power (kW) (50/60Hz)	5,5/5,5	5,5/5,5	5,5/5,5	7,5/7,5	11/7,5
Feed pump power (kW)	1,5	1,5	1,5	1,5	1,5
Raw water flow (m <sup>3</sup> /h)	1,7	1,9	2,0	3,0	3,3
Membranes	2 pcs	3 pcs	4 pcs	6 pcs	8 pcs
Width (mm)	1300	1300	1300	2300	2300
Depth (mm)	600	600	600	600	600
Height (mm)	875	875	875	875	875
Weight dry (kg)	~ 150	~ 160	~ 170	~ 200	~ 220

The capacity is calculated with a sea water temperature at 25°C and a TDS at 35000 ppm, the treated water flow will be decreased with lower temperature.

## Standard

- Positive displacement high pressure pump
- Continues control of the outgoing water quality, via a salinity meter and a dumping valve
- Automatic flush after each stop, via a carbon cartridge filter (neutralizing of chlorine)
- Low pressure switch before the high pressure pump.
- Feed water particle filter (5 micron)
- Feed water manometer
- Safety valves
- Flow meter for production flow
- All electrical equipment minimum IP54.
- Low pressure switch on the suction of the high pressure pump
- CIP cleaning tank included
- Float switch in water reservoir can be connected for start and stop

## Optional Equipment

- Remote control
- pH increase and mineral material filter in stainless steel.
- UV sterilizer
- Dosing equipment for chlore, anti-scalant, chlorine removal
- Sand filters for pre-filtration, steel with thermoplastic coating (25t and 35t) or GRP vessels (10t,15t and 20t)
- Spare parts and Consumables package
- Hand conductivity meter and pH meter



Sandfilter SA-41  
Glasfiber vessel  
Automatic back flushing



Sandfilter SA-650  
Thermplastic coated vessel  
Automatic back flushing



Mineralfilter N-40  
Stainless steel , AISI 316  
Manual back flushing