

WATERMAKERS

MT-10, 15, 20, 25 and 35 m³/24h



Watermaker produces drinking water from sea water based upon the reverse osmosis membrane technique.

The capacities are 9, 13.5, 20, 25 or 32 m³/24h from seawater (25° C).

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

The design is ideal for simple service and maintenance.

The unit is suitable for:

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



	MT-10 T	MT-15 T	MT-20 T	MT-25 T	MT-35 T
Capacity (m ³ /day)	9	13.5	20	25	32
Installed power HP (kW) (50 / 60Hz)	5.5 / 5.5	5.5 / 5.5	5.5 / 5.5	7.5 / 7.5	11 / 7.5
Installed power feed pump (kW) (50 / 60Hz)	0.75 / 1.1	0.75 / 1.1	0.75 / 1.1	0.75 / 1.1	0.75 / 1.1
(Raw water flow (m ³ /h)	1.7	1.9	2.0	3.0	3.3
Membranes (4")	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
Weight (operational) wet (kg)	160	180	200	240	270

The capacity is calculated with a sea water temperature at 25°C and a TDS at 35 500ppm. The treated and produced water flow will decrease with lower temperature.

Standard

- High pressure plunger pump
- Continuous 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 the chlorine)
- Low pressure switch before the high pressure pump
- Feed water particle filter (5 micron)
- Feed water pressure gauge
- Safety valves
- Flow meter for production flow
- All electrical equipment minimum IP54
- Low pressure switch on the suction side of the high pressure pump
- Level switch in water tank can be connected for start and stop

Optional Equipment

- CIP cleaning tank
- Remote control
- Re-hardening filter in stainless steel, to increase pH
- UV sterilizer
- Dosing equipment for chlorine, anti-scalant or chlorine removal
- Prefiltration sand filters
- Spare parts and consumables package
- Portable conductivity meter and pH meter



Sandfilter SA-33x2, SA-41x2
Glasfiber vessel
Automatic back flushing
MT-10, MT-15, MT-20



Sandfilter SA-650
Thermoplastic coated vessel
Automatic back flushing
MT-25, MT-35



Re-hardening N-40
Stainless steel, AISI 316

Watermakers

MT-50T/24h



Watermaker produces drinking water from sea water based upon the reverse osmosis membrane technique. The capacity is 50m³/24h from seawater (25° C).

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

The design is ideal for simple service and maintenance.

The unit is suitable for:

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



Standard

- High pressure plunger pump
- Continuous 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 the chlorine)
- Low pressure switch before the high pressure pump
- Feed water particle filter (5 micron)
- Feed water pressure gauge
- Safety valves
- Flow meter for production flow
- All electrical equipment minimum IP54
- Low pressure switch on the suction side of the high pressure pump
- Level switch in water tank can be connected for start and stop

Optional Equipment

- CIP cleaning tank
- Remote control
- Re-hardening filter in stainless steel, to increase pH
- UV sterilizer
- Dosing equipment for chlorine, anti-scalant or chlorine removal
- Prefiltration sand filters
- Spare parts and consumables package
- Portable conductivity meter and pH meter



Sandfilter SA-800
Thermoplastic coated vessel
Automatic back flushing



Re-hardening filter N-80 RO
Stainless steel, AISI 316L

MT-50T			
Capacity (m ³ /24h)	50	Width (mm)	1680
Installed power HP (kW) (50 / 60Hz)	15.0 / 13.2	Depth (mm)	1000
Installed power feed pump (kW) (50 / 60Hz)	1.5 / 1.5	Height (mm)	1120
Raw water flow (m ³ /h)	5.2	Weight dry (kg)	645
Membranes (8")	3 pcs	Weight (operational) wet (kg)	730

The capacity is calculated with a sea water temperature at 25°C and a TDS at 35 500ppm.
The treated and produced water flow will decrease with lower temperature.

Watermakers

MT-75, 100, 150 and 200 m³/24h



MT-200T SRH

Watermaker produces drinking water from sea water based upon the reverse osmosis membrane technique. The capacities are 75, 100, 150 or 200 m³/24h from seawater (25° C).

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

The design is ideal for simple service and maintenance.

The unit is suitable for:

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



Standard

- High pressure plunger pump
- Continuous 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 the chlorine)
- Low pressure switch before the high pressure pump
- Feed water particle filter (5 micron)
- Feed water pressure gauge
- Safety valves
- Flow meter for production flow
- All electrical equipment minimum IP54
- Low pressure switch on the suction side of the high pressure pump
- Level switch in water tank can be connected for start and stop

Optional Equipment

- CIP cleaning tank
- Remote control
- Re-hardening filter in stainless steel, to increase pH
- UV sterilizer
- Dosing equipment for chlorine, anti-scalant or chlorine removal
- Prefiltration sand filters
- Spare parts and consumables package
- Portable conductivity meter and pH meter



Sandfilter SA-1000
Thermoplastic coated vessel
Automatic back flushing



Re-hardening filter NM-310 RO
Stainless steel, AISI 316L
Manual back flushing

	MT-75 T	MT-100 T	MT-150 T	MT-200 T
Capacity (m ³ /day)	75	100	150	200
Installed power HP (kW) (50 / 60Hz)	30	30	45	45
Installed power feed pump (kW) (50 / 60Hz)	2.2 - 4	2.2 - 4	2.2 - 4	2.2 - 4
Raw water flow (m ³ /h)	10.2	10.2	20.8	20.8
Membranes (8")	4 pcs	6 pcs	8 pcs	12 pcs
Width (mm)	3267	3269	3206	3206
Depth (mm)	1080	1080	1730	1730
Height (mm)	1696	1696	1786	1786
Weight dry (kg)	700	900	1200	1550
Weight (operational) wet (kg)	875	1156	1540	2056

The capacity is calculated with a sea water temperature at 25°C and a TDS at 35 500ppm.
The treated and produced water flow will decrease with lower temperature.

Watermakers

MT-1500, 2300, 1800, 3200, 4500, 5500 and 6000 l/24h



Watermaker produces drinking water from sea water based upon the reverse osmosis membrane technique.

The capacities are 1500, 2300, 1800, 3200, 4500, 5500 or 6000 l/24h from seawater (25° C).

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

The design is ideal for simple service and maintenance.

Also available in split mounted version.

The unit is suitable for:

- Commercial vessels
- Fishing boats
- Sailing boats
- Households with sea water



Standard

- High pressure plunger pump
- Continuous 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 the chlorine)
- Low pressure switch before the high pressure pump
- Feed water particle filter (5 micron)
- Feed water pressure gauge
- Safety valves
- Flow meter for production flow
- All electrical equipment minimum IP54
- Low pressure switch on the suction side of the high pressure pump
- Level switch in water tank can be connected for start and stop

Optional Equipment

- CIP cleaning tank
- Remote control
- Re-hardening filter in stainless steel, to increase pH
- UV sterilizer
- Dosing equipment for chlorine, anti-scalant or chlorine removal
- Prefiltration sand filter
- Spare parts and consumables package
- Portable conductivity meter and pH meter



Sandfilter SA-1035
Glasfiber vessel
Automatic back flushing



Re-hardening N-66
Stainless steel, AISI 316

	MT-1500	MT-2300	MT-1800	MT-3200	MT-4500	MT-5500	MT-6000
Capacity (m ³ /day)	1.5	2.3	1.8	3.2	4.5	5.5	6.0
Installed power HP (kW) (50 / 60Hz)	1.5	1.5	1.5	1.5	1.5	1.5	2.2
Installed power feed pump(kW) (50 / 60Hz)	0.55	0.55	0.55	0.55	0.55	0.55	0.55
Raw water flow (liter/min)	10	10	10	10	10	10	13
Membranes (2.5")	2 pcs short	3 pcs short	1 pcs long	2 pcs long	3 pcs long	4 pcs long	5 pcs long
Width (mm)	900	900	1300	1300	1300	1300	1300
Depth (mm)	450	450	450	450	450	450	450
Height (mm)	520	520	520	520	520	520	520
Weight dry (kg)	55	59	62	65	68	78	85
Weight (operational) wet (kg)	59	65	66	72	78	91	101

The capacity is calculated with a sea water temperature at 25°C and a TDS at 35 500ppm. The treated and produced water flow will decrease with lower temperature.