

STORK / WATERMAKER



Stork is a skid mounted desalinator. The incoming water can come from various fresh water sources like drinking water, rivers, lakes, port water with brackish water.

Technical water is used in the numerous applications like drinking water, technical water for cooling and heating systems, drinking, cooking, washing.

ADVANCED FILTRATION

3 STEP CROSS-FLOW FILTRATION

In a typical, watermakers, you can notice cartridge filters - which need to be replaced every 20-50 tons of produced water.

We have eliminated this issue by installing our patented, self cleaning metal prefilter HUZAR.

You don't need to change any filters!
No consumables needed!



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Date of establishment: 1992

Local representative details:

OUR REPRESENTATIVES - DOE.PL/AGENTS



ADVANTAGES

- Reverse Osmosis
- advanced filtration
- robust construction
- easy to operate
- simple construction
- self cleaning system available
- all made in 316L stainless steel
- control box IP56, easy & simple
- compact design

- stops particles (suspended)
- stops dissolved chemicals
- stops turbidity
- no chemicals needed in the process

WATER FOR

- chemical tankers - cleaning cargo tanks
- air conditioning and humidity systems
- drinking and cooking
- boilers and steam generators
- high pressure cleaning machines
- ultrasonic cleaners
- cooling and heating systems
- laundry and dish-washer machines
- acid batteries
- all application for Ultra Clean Water without suspended particles and dissolved chemicals specially with reduced salinity to minimum.

TYPES OF FILTRATION

We use 3 types of filtration:

1. Disc filters, cleaned automatically
2. Disc filters, cleaned manually
3. Cartridge filters with consumable inserts
4. DOE HUZAR, SS316/Ti self made, self cleaning filter - patented technology

Every type of filtration has its own highlights and drawbacks. We use them combined, so that your machine is working flawlessly, without problems or unnecessary work around the machine.



ULTRA CLEAN Water Maker STORK

low pressure Reverse Osmosis



STORK advanced

Special executions, with capacity up to 2 tons of fresh water per day. Eliminates main disadvantage of mechanical filtration - need for consumable prefiltration.

up to 3 Tons/day



NO FILTER CHANGING

gross weight	approx. 100kg
max. dimensions with maintenance space	1600mm
frame material	304 SS powder painted
pipng	PP/316L/316TI
prefiltration	DOE HUZAR self cleaning filter.
production	up to 3T/day
power installed	4kW (3x400V or 3x440V)
water flow	3.5T/day
Feed pump	YES
Digital salinity meter	YES, 2 pcs.
Electromagnetic valve	N/A
Waterflow meters	N/A
Filter 5µm on inlet	N/A

STORK advanced

Special executions, with capacity up to 1000l per day. Eliminates two main disadvantages - either lack of energy or need of prefiltration. The system is using incoming pressure.

up to 1 Ton/day



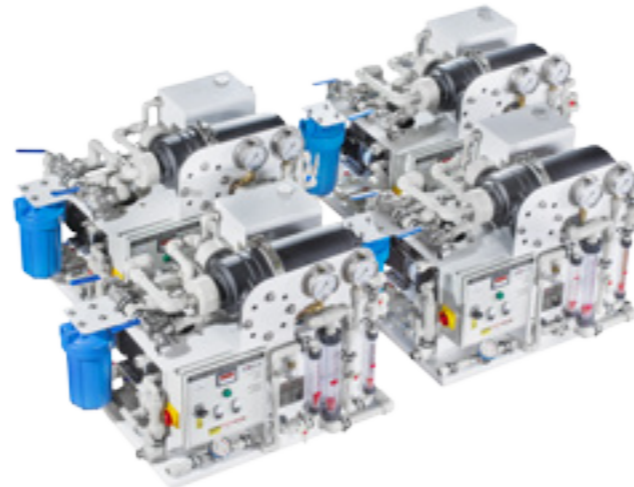
NO ELECTRICITY

gross weight	approx. 20kg
max. dimensions with maintenance space	1200mm
frame material	304 SS powder painted
pipng	PP/316L/316TI
production	up to 1T/day
power installed	NO POWER NEEDED
water flow	up to 2T/day
Feed pump	N/A
Digital salinity meter	N/A
Electromagnetic valve	N/A
Waterflow meters	N/A
Filter 5µm on inlet	YES

STORK small

Effective but easy to maintain. Built to last and work continuously. 2 step filtration with manual backflush possibility as standard. No PLC - easy to repair by the crew.

up to 10 Tons/day



gross weight	80kg
max. dimensions with maintenance space	1200mm
frame material	304 SS powder painted
pipng	PP/316L/316TI/TI
prefiltration	1st step - disc filter 2nd step - cartridge filter
production	3T/day upgradeable to 10 T/day
power installed	2 kW (3x400V 50Hz or 3x440V 60Hz)
water flow	3.5T/day
Feed pump	YES
Digital salinity meter	YES
Electromagnetic valve	NO
Waterflow meters	YES, 2 pcs.
Filter 5 µm on inlet	YES
Disc filter on inlet	YES, manual (automatic as option)

Technical data:

- Up to 8 tons per day
- Outlet from 1ppm to 50 ppm
- Incoming water up to 2000 ppm
- SS/PP construction
- Power supply 3x400V 50hz / 3x440V 60hz
- 1x Disk filter 80-200µm (self cleaning)
- 1x changable filter 5µm
- Tank for chemical cleaning (as option)

Construction:

- RO membranes 10m2
- 1x feed pump
- 1x circulation pump

Features:

- Durable construction & compact design
- Reverse Osmosis technology
- No chemicals during process
- Power consumption 4 kW
- Durable piping SS/PP
- Disc self cleaning filtration from 200 to 100µm
- Low pressure system on the machine (from 2 bars to 10 bars)

Source of the water:

- Fresh water on inlet from: potable, river, lake water

STORK big

Designed for big water consumption. Durable construction with self priming pump and 3-step filtration as standard.

up to 100 Tons/day



gross weight	400kg
max. dimensions with maintenance space	3500mm
frame material	304 SS powder painted
pipng	PP/316L/316TI
prefiltration	1st step - disc filter (automatic) 2nd step - disc filter (manual) 3rd step - cartridge filter
production	up to 100 T/day
power installed	4 - 6kW (3x400V 50Hz or 3x440V 60Hz)
water flow	up to 110T/day
Feed pump	YES, 2pcs.
Digital salinity meter	YES, 2 pcs.
Electromagnetic valve	YES
Waterflow meters	YES, 3 pcs.
Filter 5 µm on inlet	YES
Disc filter on inlet	YES, 2 pcs. 1x manual 1x automatic

Technical data:

- Up to 100 tons per day
- Outlet from 10 ppm to 50 ppm
- Incoming water up to 2000 ppm
- SS/PP construction
- power supply 3x400V 50hz / 3x440V 60hz
- 1x Strainer 800µm (option)
- 1x Disk filter 200µm (self cleaning)
- 1x Disk filter 50µm (manual cleaning)
- 1x changable filter 5µm (consumable)
- Tank for chemicals cleaning

Construction:

- RO membrane from 40m2 up to 300 m2
- 1x feed pump (self sucking)
- 1x multistage feed pump
- 1x circulation pump

Features:

- Durable construction & compact design
- Reverse Osmosis technology
- No chemicals during process
- Power consumption 4-6 kW
- Durable piping SS/PP
- Fresh water on inlet from: potable, river, lake water

Source of the water:

- Low pressure on the machine (from 2 bars to 10 bars)