

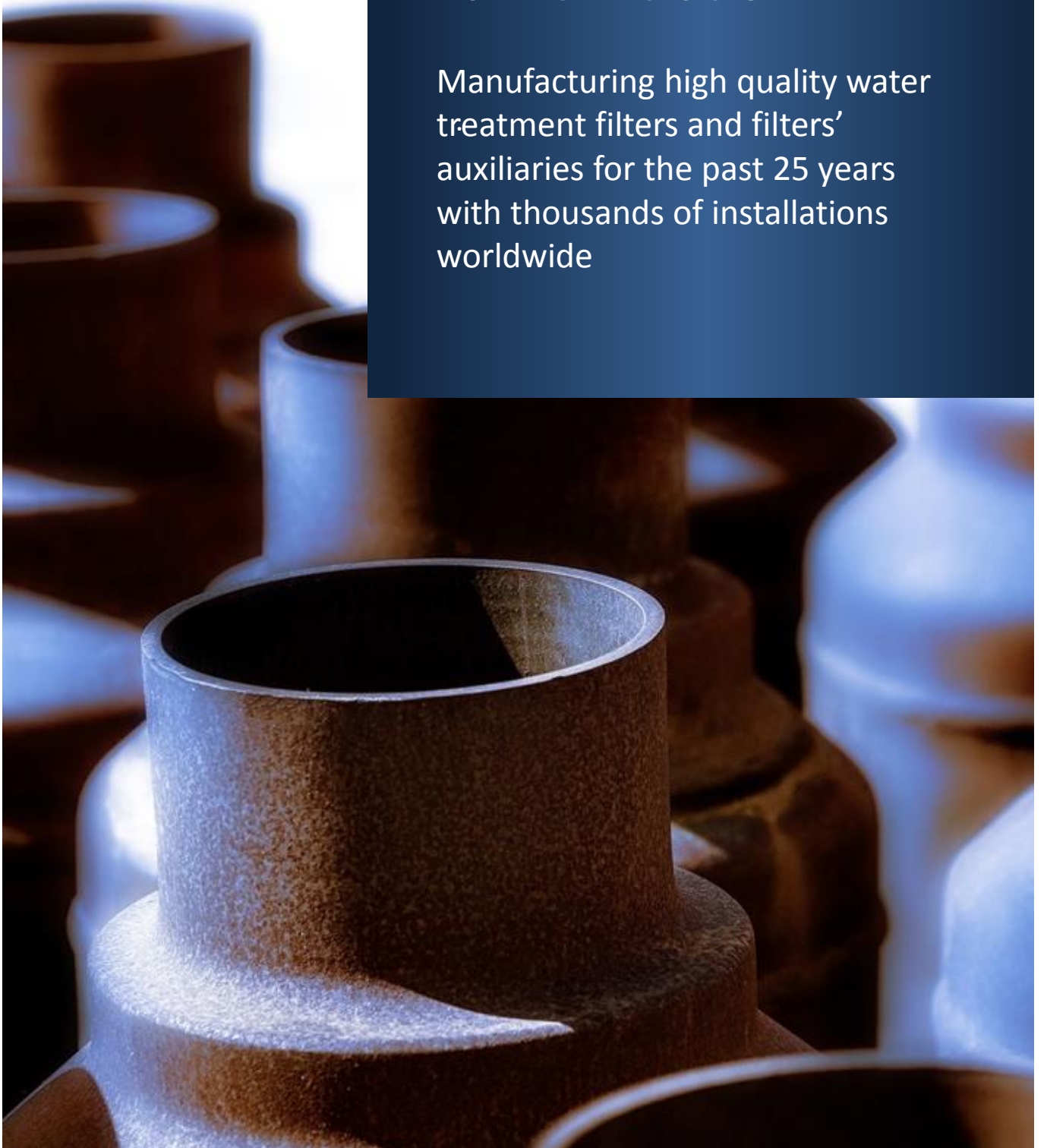


**Filtration Solutions**  
Industrial & Municipal Division

YAMIT  
FILTRATION

## Yamit Filtration

Manufacturing high quality water treatment filters and filters' auxiliaries for the past 25 years with thousands of installations worldwide





## Yamit Filters

Yamit's Filters are installed and operating in thousands of locations worldwide, filtering surface & underground water, seawater and wastewater in the most challenging environments such as seawater desalination plants, petrochemical plants, oil drilling platforms, coal mines, steel mills and municipal drinking and sewage treatment plants.



With two manufacturing plants, 200 Employees worldwide, and an expert technical team, **Yamit Filtration** has been serving engineering firms, large industrial corporations and local governments around the world providing reliable, efficient, and optimized filtration solutions. Being a manufacturer, it enable us to respond quickly, be flexible in designing solution, and provide fast and on-time delivery.

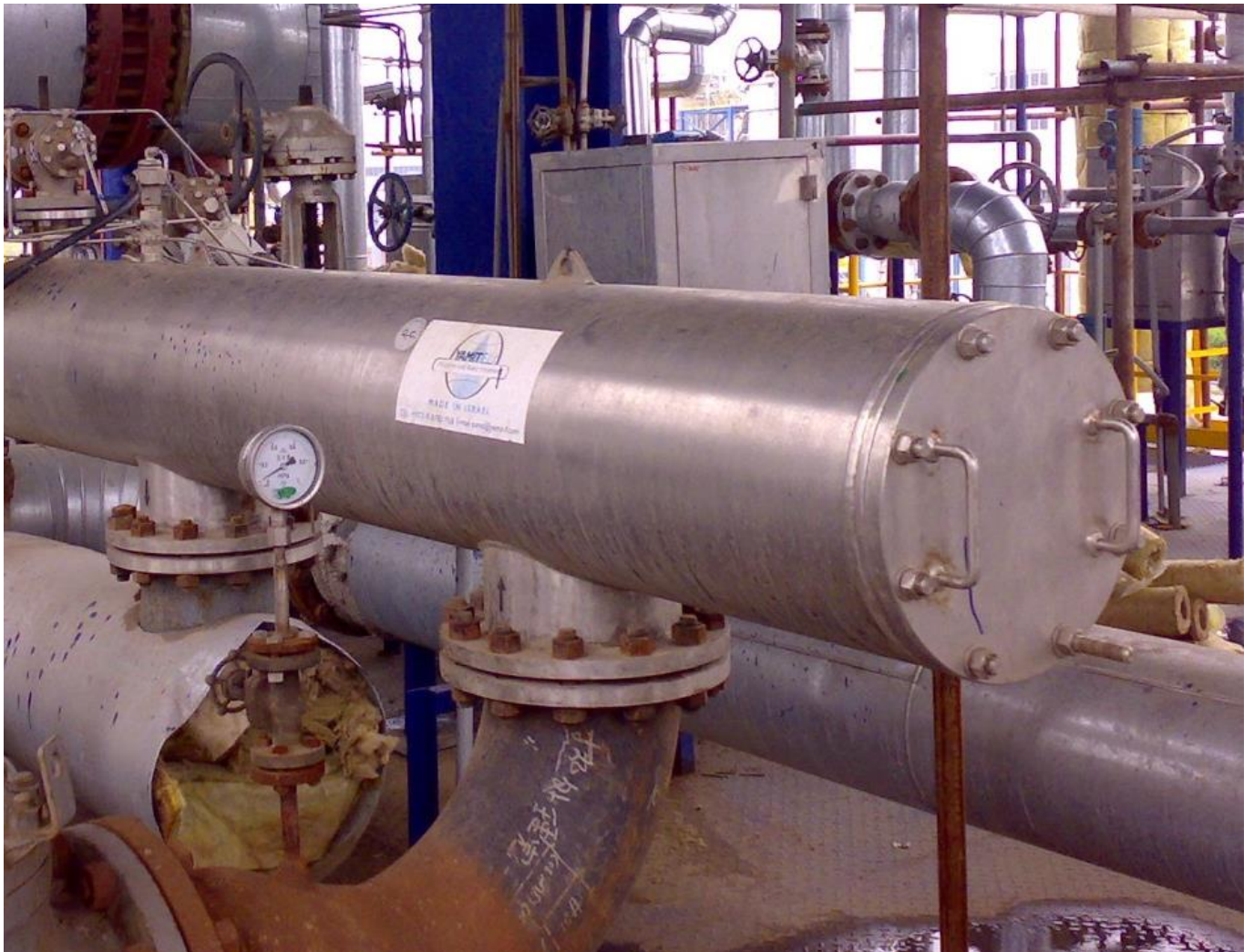




## Key Industrial Clients

High quality products are integrated within complex industrial water & effluent treatment systems as designed and installed by leading international engineering and EPC firms.





## Wide Product Variety

**Yamit** has wide variety of products and solutions, ranging from Automatic Screen Filters and Multimedia Filters to Skid Mounted and Containerized Filtration Systems with filtration capacities ranging from 10 m<sup>3</sup>/h to 10,000 m<sup>3</sup>/h per filter, filtration grade from 10 microns to 5,000 microns and construction materials to suit most liquids and industrial requirements.

## Industry Market Sectors

- Municipalities
- Oil & Gas
- Mining
- Food & Beverage
- Steel & Chemicals
- Paper Industry



## Customized Design and Production

- Advanced Structural Materials
- Fully Integrated Products
- Variety of filtration degrees
- Treatment in Harsh Liquid Environments
- Treatment of liquids of Extreme Temperatures

## Applications

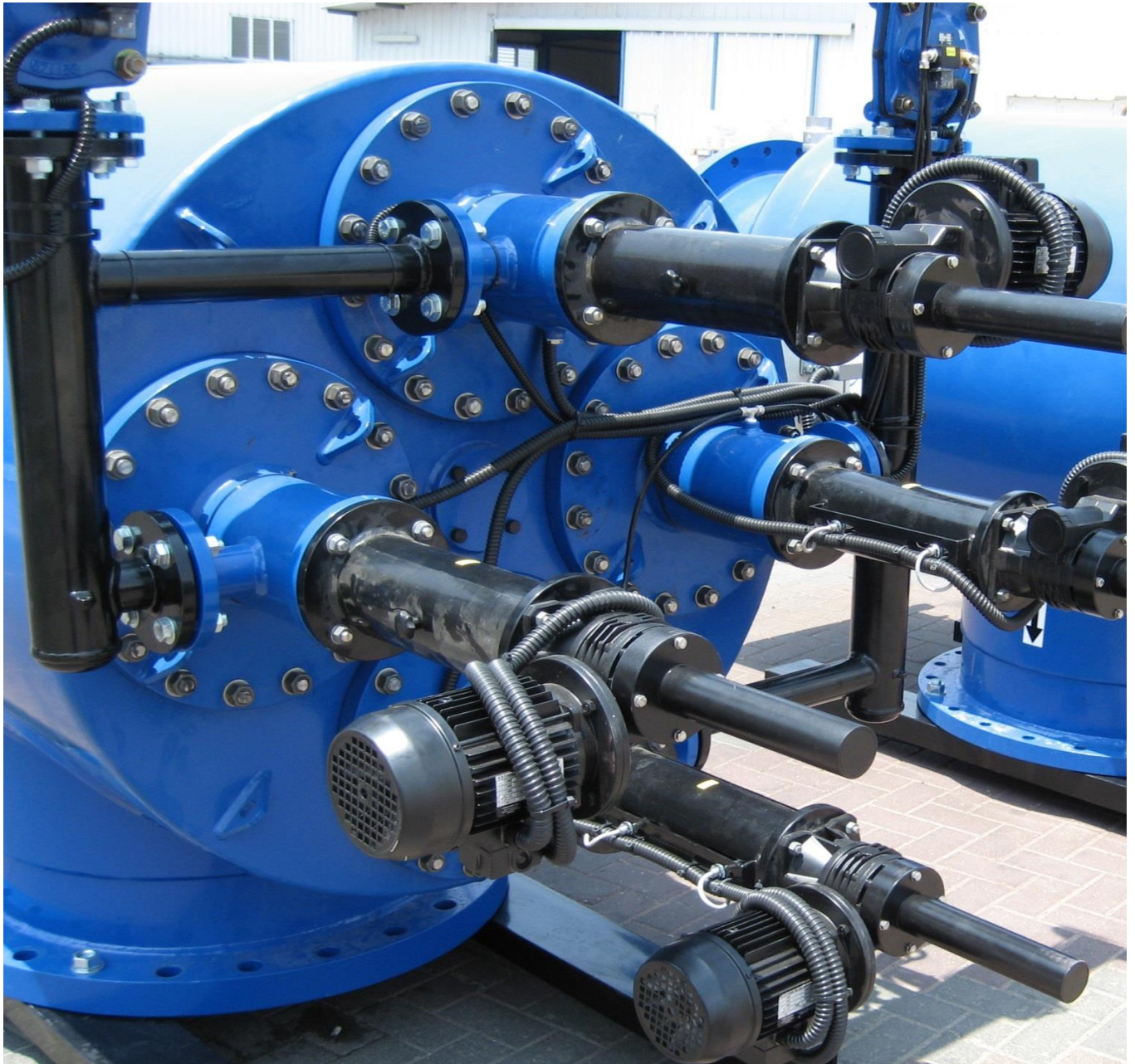
- ❖ UF Membrane pre-filtration in surface and seawater
- ❖ Desalination
- ❖ UV protection
- ❖ Effluent water treatment
- ❖ Cooling systems
- ❖ Nozzle protection
- ❖ Process water filtration



## Approvals & Authorizations

- ASME
- U Stamp
- National Board R-Stamp
- PED 97/23





## Advantages

Low energy consumption



Low Cost per m<sup>3</sup> of filtered water

Large filtration area

Small footprint installation



High operation efficiency



Low Flush water volume



# Automatic Filters

## Hydraulic

### **AF200**

Self-cleaning screen filter  
Filtration range: 80-3000 micron  
In/out Diameter: 2" – 8"

### **AF800**

Self-cleaning screen filter  
Filtration range: 50-3000 micron  
In/out Diameter: 3" – 16"







## Electric

### **AF900**

Electric scanner self-cleaning screen filter

Filtration range: 10-3000 micron

In/out Diameter: 3" – 16"

### **AF9800**

Electric self-cleaning screen filter

Filtration range: 50-3000 micron

In/out Diameter: 3" – 16"



## Electric

### AF200E

Compact electric self-cleaning screen filter

Filtration range: 50-3000 micron

In/out Diameter: 2" – 8"

### AF700/7500

Electric scanner self-cleaning screen filter

Filtration range: 10-3000 micron

In/out Diameter: 4" – 16"



**Automatic  
Filters**





## Electric

### MGE

Electric multi-screen self-cleaning suction or brush filter for very high flows.

Filtration range: 10-3000 micron

In/out Diameter: 16" – 54"

**MEGA  
Filters**





## Media Filters

### **F600**

High quality filtration solutions for water with a high contamination or organic material and algae loads.  
In/out Diameter: 1" – 4"





# Sand Separators (Hydrocyclone)

## F700

Sand separators for well application  
In/out Diameter: 3/4" – 8"



# Manual Filters



## **F2000**

Pre-filtration for water meter or hydrometer protection, and for reduction of suspended solid levels in the water.

Filtration range: from 3000 micron and up

In/out Diameter: 6" – 28"



## Construction Materials & Coatings Provide Full Corrosion Protection

All of the filter's wet parts, which are in contact with seawater, including the Pressure Vessel's internal walls, screen and all internal parts, are made of corrosion resistant materials which have been proven to successfully sustain long on-going exposures to seawater. Yamit's manufactured-screen filters are installed and are successfully operating in highly corrosive seawater environments such as land based Seawater RO Desalination Plants and Off-Shore oil rigs worldwide.





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