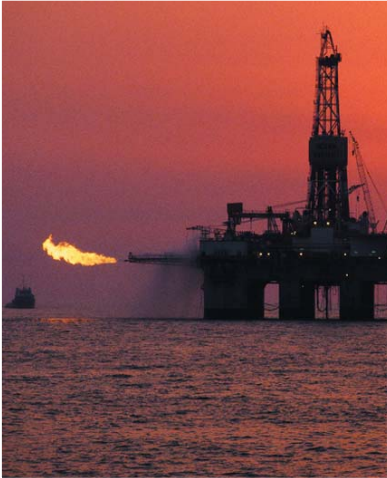


# Clear Solutions



## INDUSTRY



Automotive  
Aquaculture  
Aviation  
Ballast Water  
Chemical Industry  
Electronics  
Food & Beverage  
High-Rise Buildings  
Mining  
Offshore, Oil & Gas  
Petrochemical  
Power Generation  
Pharmaceuticals  
Plastic Industry  
Pulp & Paper  
Steel Industry  
Textile Industry

## IRRIGATION



Agriculture  
Green Houses  
Turf & Golf

## MUNICIPAL



Potable Water  
Wastewater

**AMIAD** FILTRATION SYSTEMS LTD.

# As Nature Intended



For more than 40 years, Amiad has helped meet the need for clean water by developing a comprehensive line of exceptionally efficient automatic self-cleaning filters and manual filters for use in industry, municipalities, and irrigation.

Amiad provides solutions to more than 66 countries, with seven subsidiaries and sales offices. Amiad's pledge to the filtration market is to continue to provide innovative and dependable systems, quality service and reliable customer support.



## Amiad's History

Founded in 1962, Amiad Headquarters today covers over 40,000m<sup>2</sup> including an Injection Molding Plant, Production and Assembly Halls, Warehouses and Office Space, including an international filtration training center and research laboratories. Amiad Filtration Systems is positioned as one of the world's most significant producers of water filtration products and filtration solutions. Through the strategic acquisitions, international expansions and substantial research and development investments, Amiad continues to strengthen its technology and market base.



## Specialization is The Key

Now in its fifth decade of successful designing, manufacturing and marketing, Amiad Filtration Systems has established a worldwide reputation. The company is known for its high-quality standards, prompt delivery, and constant availability of parts - and for unprecedented expertise in its chosen areas of endeavor: sophisticated water filtering equipment, and high-efficiency systems.

Thousands of filters and filtration systems have been installed around the world. Fortune 500 companies, government agencies, and small businesses rely on Amiad to solve their water filtration requirements. Amiad technology is used for a wide range of solutions, with manual, semi-automatic and automatic filters installed across a broad spectrum of market segments. Product upgrades and new products are released on a regular basis, guaranteeing increased efficiency and ensuring that the company will continue to be an innovator in the field, and ensure clients reach their maximum clean-water potential.



**AMIAD FILTRATION SYSTEMS LTD.**

## Our Vision

In an increasingly crowded world, the need for clean water concerns everyone involved in sustaining our quality of life. Society and economy cannot exist without water. Products that assist in sustaining life through ensuring a consistent supply of water will be in strong demand by society through commerce. Because - water is life.

## Our commitment

To develop and implement: water filtration solutions, filters and filtration systems in the industrial, irrigation and municipal sectors.

## Our Mission

Amiad's mission is to deliver high impact filtration solutions that enhance our customer's ability to work profitably and sustain successful growth.

Your success is our success. Your satisfaction is our highest priority. Our success enables us to become one of the leading suppliers of value added, filtration products and filtration solutions worldwide.

## Selecting the Right Filter for You

Amiad filters differ from each other both in inlet/outlet diameter, in filter area and in the options of filter element to be used. Moreover, there are variations in their hydraulic designs.

In selecting a filter appropriate to one's needs, the following factors should be taken into consideration:

1. The required filtration degree.
2. Working flow rate.
3. Working pressure and hydraulic specifications of the water system.
4. Water quality - the concentration of suspended solids and their characteristics.

In principle, a larger filter area is necessary to cope with dirtier water with a finer degree of filtration.

For specific assistance in choosing the optimum solution for your installation, you are invited to use the knowledge and experience accumulated in the past 40 years of filtration, at Amiad, or surf our website at

[www.amiad.com](http://www.amiad.com)



**AMIAD FILTRATION SYSTEMS LTD.**

# Plastic Filters



▶ 3/4" & 1"-Compact



▶ 1 1/2"-Compact & Super



▶ 1" & 1 1/2" T



▶ 2" T & 2" T-Super

- ▶ A wide range of plastic filters from 3/4" to 3"
- ▶ Interchangeable filter elements to suit specific needs
- ▶ Filtration degrees available from 800 to 22 micron
- ▶ Simple and easy maintenance
- ▶ All filter elements are extractable for cleaning
- ▶ Minimal head loss even at high flow rates
- ▶ Rated operation pressure: 10 bar



▶ Brushaway 2" & 3"



▶ Scanaway 2" & 3"



▶ 3" T Threaded & Flanged



▶ 3" LT-Super

#### Filter elements:

- ▶ Nylon screens
- ▶ Stainless steel screens
- ▶ Grooved discs

#### Semi-Automatic cleaning:

- ▶ Scanaway
- ▶ Brushaway

# Steel Filters



▶ 2" in-line



▶ 2"-L



▶ 3" in-line



▶ 4"-L



▶ 4"-Compact



▶ Brushaway 2"-14"



▶ 6" in-line



▶ Scanaway 2"-14"



▶ 8" Modular



▶ 8" in-line

- ▶ A wide range of filters from 2" to 14"
- ▶ Large filter area allows long intervals between cleaning
- ▶ All filters are available with Scanaway or Brushaway
- ▶ Also available in stainless steel
- ▶ Standard operation pressure: 10 bar. Also available for high pressure



▶ 14" in-line

# Automatic Filters



▶ HydroTAF & TAF



▶ Filtoamat M100 pistonless



▶ Filtoamat M100 piston



▶ EBS Series



▶ SAF Series



▶ ABF Series

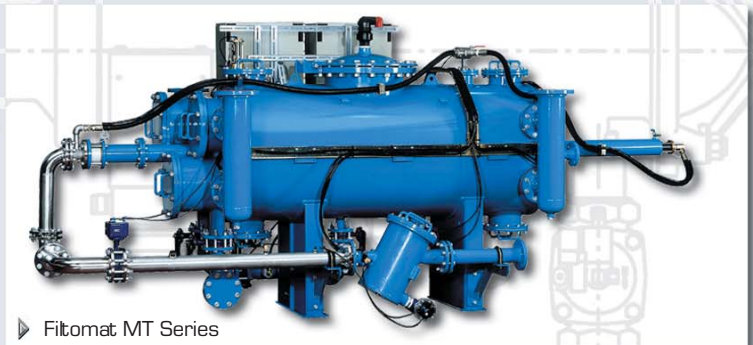
- ▶ Automatic self-cleaning filters
- ▶ Operating hydraulically, electronically or electrically
- ▶ Available from 2" to 24"
- ▶ Flexible design to suit specific needs
- ▶ Small footprint
- ▶ Various control options
- ▶ Filtration degrees from 3500 to 3 micron



▶ Filtoamat M300



▶ Filtoamat MCFM

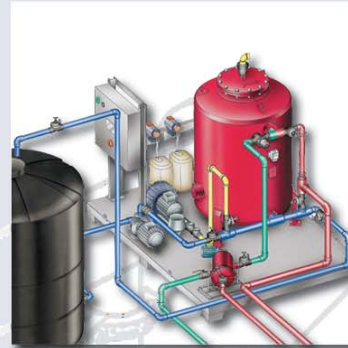


▶ Filtoamat MT Series

# Sand/Media Filters and Water Treatment Systems

Pressurized sand media filtration is the traditional and most common technology, yet significant knowledge and experience are required in order to provide highly efficient systems.

The filtration experience gained at Amiad allows us to approach this market with the ability to design, install and commission a wide range of complex systems.



- ▶ Sand and gravel filters for irrigation
- ▶ Sand filtration for industrial applications
- ▶ WWTP for unlimited irrigation and municipal wastewater
- ▶ Water treatment for drinking and industrial purposes
- ▶ Pre-treatment to RO
- ▶ Pre-treatment to UV



**AMIAD FILTRATION SYSTEMS LTD.**



## Filter elements & filtration range

			Filter Types												
Micron	mm	Mesh	3/4",1"	1",1 1/2"	2",3",4"	2"-14"	M100	M300	TAF	SAF	EBS	ABF	MCFM	MT	
3500	3.5	4			■	■						■			
2500	2.5	6			■	■						■			
1500	1.5	10			■	■						■			
800	0.8	20	■	■	■	■	■	■	■	■	■	■	■	■	
500	0.5	30	■	■	■	■	■	■	■	■	■	■	■	■	
300	0.3	50	■	■	■	■	■	■	■	■	■	■	■	■	
250	0.25	60		■	■										
200	0.20	75	■	■	■	■	■	■	■	■	■	■	■	■	
150	0.15	100					■	■	■	■			■	■	
130	0.13	120	■	■	■	■	■	■	■	■	■		■	■	
100	0.10	155	■	■	■	■	■	■	■	■	■		■	■	
80	0.08	200	■	■	■	■	■	■	■	■	■		■	■	
50	0.05	300	■	■	■	■	■	■	■	■	■		■	■	
40	0.04	350					■	■	■	■			■	■	
25	0.025	450					■	■	■	■	■		■	■	
22	0.022	450	■	■	■										
15	0.015	500					■	■	■	■			■	■	
10	0.010	600							■	■	■			■	
7	0.007	750												■	
3	0.003	900												■	

■ Nylon Screen    ■ Perforated Screen    ■ Flat Screen    ■ Disc Element  
 ■ Weave Wire Screen    ■ Wedge Wire Screen    ■ Zig-Zag Screen    ■ Threads

### ▶ MANUFACTURER & HEAD OFFICE:

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[www.amiad.com](http://www.amiad.com)

# AMIAD FILTRATION SYSTEMS LTD.



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