

# Industrial Product Overview



ARKAL



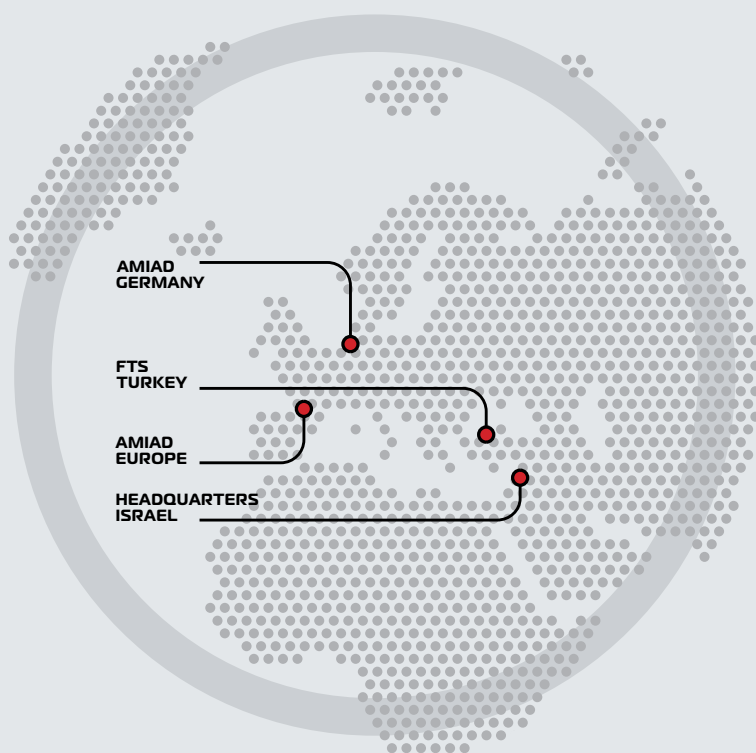
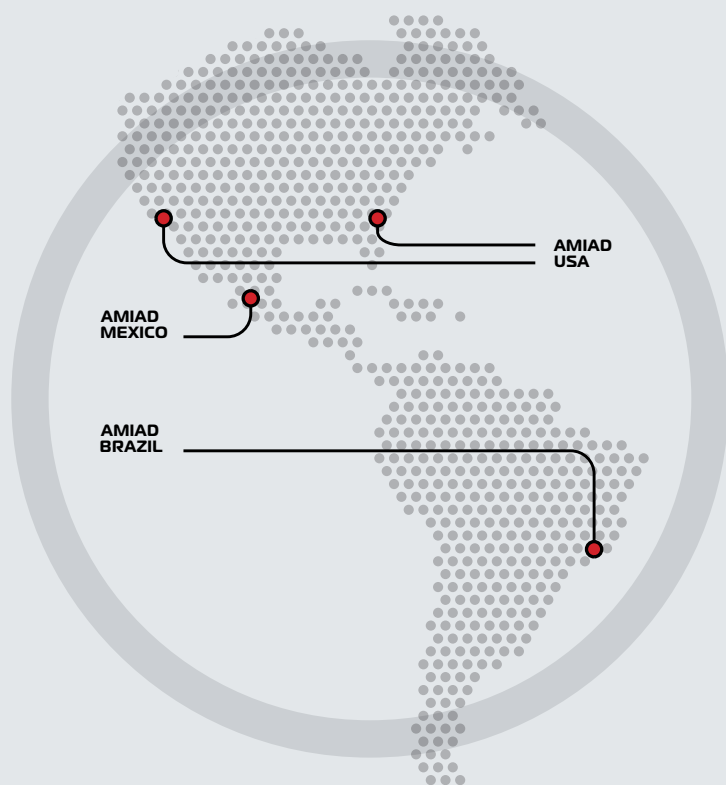
FILTOMAT



AMIAD

# our values your benefits

Our vision and values focus on constant innovation, striving to deliver advanced filtration solutions which provide Return On Investment (ROI) while protecting the environment.



## Low Maintenance

Amiad filters are designed to perform and built to last. Low maintenance means high confidence, which allows our customers to focus on their core business.



## Saving Energy

Energy, like water, is a precious resource. All our filters are designed to use minimal energy, some even solely through water pressure.



## Commitment

Our commitment to quality, reliability, efficiency, and dedicated customer service ensure that end users can focus on production, not filtration.



## Water Conservation

Conserving water is an integral part of all our systems. Amiad's self-cleaning filters utilize minimal amount of back flush water, ensuring clean water can be used for production.



## point to point all over the world

Amiad operates from its headquarters and R&D center in Israel and six manufacturing centers. With nine subsidiaries in Australia, Singapore, China, India, Turkey, Europe, Mexico, Brazil and the US - we provide filtration solutions to more than 70 countries. We sell through dedicated distribution network, as well as directly to end-users and to water treatment system integrators. Amiad is renowned worldwide for high-quality standards, consistently prompt delivery, availability of parts and ongoing customer support.

Amiad has offices in Australia, Singapore, China, India, Turkey, Europe, Mexico, Brazil and North America and third party distributors around the world. Amiad is renowned worldwide for its high-quality standards, consistent availability of parts, prompt delivery, and ongoing customer support.



### Small Footprint

Amiad filters are designed to handle big jobs in small areas, freeing up valuable space in crowded urban and limited production areas. Systems can also be installed underground.



### ROI

Amiad's filtration systems yield proven return on investment. Clean water enhances the production process and protects infrastructure, such as pipes, machinery, valves, emitters and ultra-fine filters.



### Green Technology

Amiad considers ecology along with economics. Our filtration systems deliver clean water with clean technology.



### Smart Technology

Sophisticated technology allows Amiad filters to communicate upstream and downstream - and operate remotely - tackling nearly any water filtration challenge.

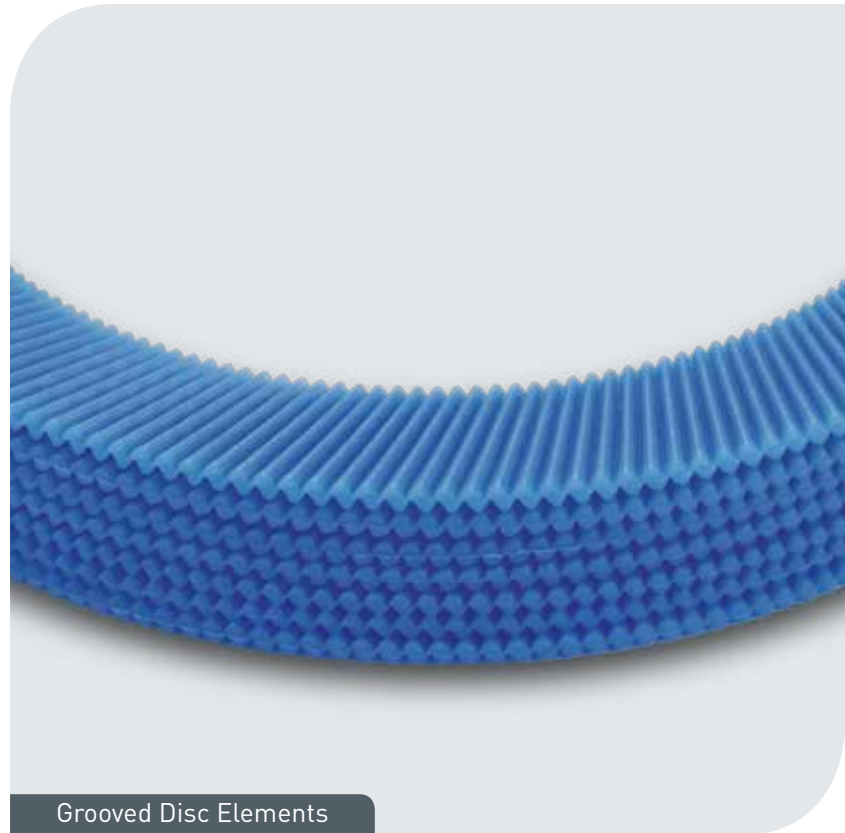


# clear solutions to water filtration challenges

For over half a century, Amiad Water Systems has devoted its passion and Innovation to develop a comprehensive line of exceptionally efficient automatic self-cleaning filters. The 50 year effort of total commitment and focus solely on water filtration has yielded a product range of screen, disc and microfiber technology as well as filtration expertise second to none. We are grateful for the reputation we've earned and never forget that it depends on the paramount importance we dedicate to our customers and their water systems we proudly protect with our filtration solutions.



Microfiber Technology



Grooved Disc Elements

## Proven reliability, global reach

Amiad's durable solutions can be customized for a wide range of applications to meet the toughest climates, water conditions, and technical requirements. Our in-depth knowledge and expertise is built on years of experience, undertaking in projects around the world — from antarctica to the far east. Amiad filters are built to meet the highest technical standards. Its flexible configuration makes amiad filters suitable for installation anywhere along the water system line.

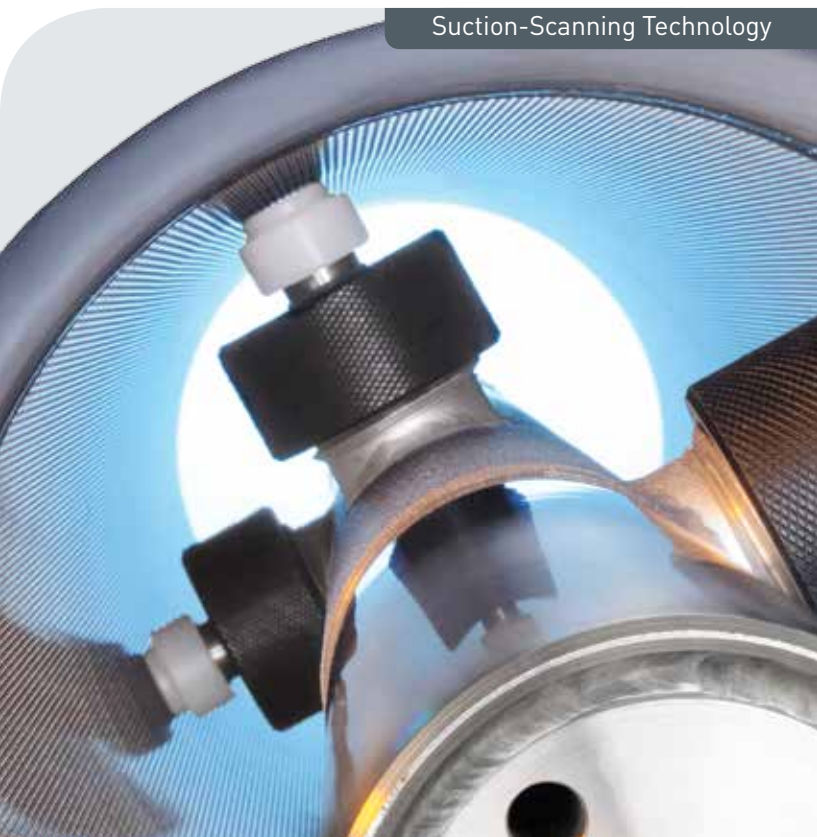
## Clean technology for a greener world

Amiad filtration systems are more than just effective and reliable – they're environmentally sound:

- No chemicals
- A bare minimum of back flush water
- Reduced energy demand – many of amiad's systems don't even require electricity and can work in low pressure

# a world leader in water filtration technologies

Our outstanding technologies - suction-scanning, microfiber, grooved disc elements - are developed to effectively treat and filter the water, providing custom-built solutions to meet the market needs.



Suction-Scanning Technology



## Industry

Automotive, Aviation, Ballast treatment, Electronics, Food & Beverage; Mining, Oil & Gas, Petrochemical, Power Generation, Pulp & Paper



## Municipal

Potable Water, Waste Water, Desalination, Brackish Water, High rise buildings, Pre-filtration to Membranes



## Irrigation

Agriculture, Golf & Turf, Aquaculture, Green Houses

## grooved disc elements

Arkal's unique disc filtration technology operates using thin, color-coded polypropylene discs of a specific micron size. The discs are grooved on both sides, in opposite directions, creating a series of crossing points which form multiple particle traps. A series of discs are stacked and compressed on a specially designed spine creating a matrix of consecutive crossing points which form multiple particle traps. The system enters backflush mode, activated by predefined time command or differential pressure.

## suction-scanning technology

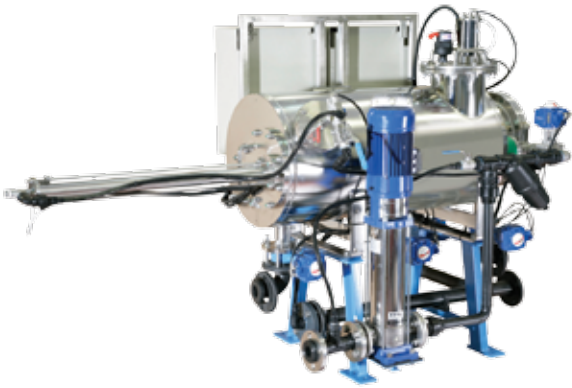
Amiad's proprietary suction-scanning technology combines focused flush with automation to provide 100% cleaning of the screen area, while using less than 1%. Suction-scanning technology eliminates the need to isolate the filter during the self-cleaning cycle. The focused cleaning and the minimal exhaust requirement allow for uninterrupted process flow.

## microfiber technology

Amiad uses microfiber thread technology to create highly-effective self-cleaning filter systems. The automatic self-cleaning filters use a unique filtration medium constructed of fine threads wound in layers around a grooved plastic spool cassette, removing dirt particles as water flows through multi-layered cassettes to the collecting pipes and out of the filter via outlets. The accumulation of dirt particles causes differential pressure. At a preset pressure differential value or time interval, the control unit activates the self-cleaning cycle.

# Automatic Self Cleaning Microfiber Filters

Filtomat Series



AMF² 36K



AMF² 93K



AMF² 370K

# Automatic Self Cleaning Screen Filter

Amiad Series



Omega Series

---



Omega Seawater Series

---



Scanjet

---



ABFT Series

---

# Automatic Self Cleaning Screen Filters

## Amiad Series



**EBS 10000**

\* In-Line/On-Line configuration also available



**EBS 15000**

\* In-Line/On-Line configuration also available



## TAF Series





SAF 1500

---



SAF 3000

---



SAF 4500

---



SAF 6000

---

# Automatic Self Cleaning Spin Klin™ Disc Filters

Arkal Series



2" Spin Klin™ Compact



2" Spin Klin™ Battery



2" Spin Klin™ - Air Aided Flushing



2" Spin Klin™ - External Source Flushing



3" Spin Klin™ - External Source Flushing

---



3" Spin Klin™ Battery

---



4" Spin Klin™ Galaxy

---



4" Spin Klin™ Galaxy - External Source Flushing

---



Super Galaxy Module (Horizontal)

---



Super Galaxy Module (Vertical)

---

**NEW**

## Headquarters

**Amiad Water Systems Ltd.** D.N. Galil Elyon 1, 1233500, Israel,  
Tel: 972 4 690 9500, Fax: 972 4 814 1159,  
E-mail: [info@amiad.com](mailto:info@amiad.com)

## The Americas



**Amiad USA Inc.** Main Office and Manufacturing: 120-J Talbert Road, Mooresville, NC 28117,  
Tel: 1 704 662 3133, Fax: 1 704 662 3155, Toll Free: 1 800 24 FILTER,  
E-mail: [infousa@amiad.com](mailto:infousa@amiad.com) [www.amiadusa.com](http://www.amiadusa.com)

West Coast Sales Office and Warehouse:  
1251 Maulhardt Ave, Oxnard, CA 93030  
Tel: 805 988 3323, Fax: 805 988 3313, Toll Free: 1 800 969 4055

### Brazil

**Amiad Sistemas de Água Ltda.,** Av. Funchal, 411, Conj. 42, Vila Olimpia, São Paulo, CEP 04551-060  
Tel: +55 11 31923824, E-mail: [infobrasil@amiad.com](mailto:infobrasil@amiad.com)

Amiad Oil & Gas, E-mail: [amisur@adinet.com.uy](mailto:amisur@adinet.com.uy)

### Mexico

**Amiad Mexico SA DE CV,** Vialidad de la Barranca # 6 Piso 4,  
Col. Valle de las Palmas 52787. Huixquilucan (Interlomas), Edo de Mexicoo,  
Tel/Fax: +52 55 636 28122, E-mail: [info@amiadmexico.com](mailto:info@amiadmexico.com)

## Asia



### India

**Amiad Filtration India Pvt Limited,** 305 Sai Commercial Building,  
Govandi St Rd, Govandi Mumbai 400 088,  
Tel: 91 22-67997813/14, Fax: 91 22-67997814, Email: [info@amiadindia.com](mailto:info@amiadindia.com)

### China

**Amiad China** (Yixing Taixing Environtec Co., Ltd.) 70 Baihe Chang, Xingjie Yixing Jiangsu, 214204,  
Tel: 86 510 87134000, Fax: 86 510 87134999, E-mail: [marketing@taixing.cc](mailto:marketing@taixing.cc)

### South-East Asia

**Filtration & Control Systems Pte. Ltd.,** 22 Sin Ming Lane #07-71 Midview City, Singapore 573969,  
Tel: 65 6 337 6698, Fax: 65 6 337 8180, E-mail: [amiad@amiad.com.sg](mailto:amiad@amiad.com.sg)

### Turkey

**FTS – Filtration & Treatment Systems,** Istanbul yolu 26 Km, Yurt Orta Sanayii, Saray, Ankara,  
Tel: 90 312 8155266/7, Fax: 90 312 8155248, E-mail: [info@fts-filtration.com](mailto:info@fts-filtration.com)

## Australia



**Amiad Australia Pty Ltd.** 138 Northcorp Boulevard, Broadmeadows, Victoria 3047,  
Tel: 61 3 93585800, Fax: 61 3 93585888, E-mail: [infoau@amiad.com](mailto:infoau@amiad.com)

## Europe



**Amiad Water Systems Europe SAS,** Ilot No4 ZI La Boitardière, 37530 Chargé, France,  
Tel: 33 (0) 2 47 23 01 10, Fax: 33 (0) 2 47 23 80 67, E-mail: [industry-europe@amiad.com](mailto:industry-europe@amiad.com)

**Amiad Water Systems Europe SAS** (Irrigation Division)  
100 avenue de l'Anguillon, Z.I. des Iscles, 13160 Chateaufrenard,  
Tel: +33 (0) 4 32 60 10 01, Fax +33 (0) 4 32 60 60 85

### Germany

**Amiad Water Systems SAS Europe** (German branch office)  
Zweigniederlassung Deutschland Prinz-Regent-Str. 68 a 44795 Bochum,  
Tel: 49 (0) 234 588082-0, Fax: 49 (0) 234 588082-10, E-mail: [info@amiad.de](mailto:info@amiad.de)

