



EKİN ENDÜSTRİYEL

**SEPERATORS  
PRODUCT CATALOGUE**

# Follow us on social media!



[www.instagram.com/ekinendustriyel](http://www.instagram.com/ekinendustriyel)



[www.facebook.com/ekinendustriyel](http://www.facebook.com/ekinendustriyel)



[www.youtube.com/ekinendustriyel](http://www.youtube.com/ekinendustriyel)



[www.linkedin.com/company/ekinendustriyel](http://www.linkedin.com/company/ekinendustriyel)



[www.twitter.com/ekinendustriyel](http://www.twitter.com/ekinendustriyel)



**EKIN ENDÜSTRİYEL**  
Isıtma-Soğutma San. Tic. Ltd. Şti.





## Sustainable Innovation, Quality Standardization and Dynamism

Ekin Endüstriyel, which has entered Turkish heating sector by exporting of plated heat exchangers, is known with customer focused vision and dynamism. Ekin has expanded into new and upcoming investments. One of the main steps was gaining the identity of being a producer. Ekin has started the production of plate heat exchangers with the brand of "MIT". We have grown in the philosophy of quality, through initially adapting to ISO Quality Management.

MIT plate heat exchangers have become a solution for engineering problems in the world market and have grown through an expansion of franchises.

## Engineering Approaches, Integrated Solutions

Ekin has expanded into the production of components, sales, and after-sales service by employing expert engineers. The factors that guided Ekin to success are their exceptional customer service to the needs and wants of consumers, modern facilities, and becoming partners to projects that involve high-end technology.

Ekin is an expert company which has a wide product range which includes plate heat exchangers, accumulation tanks, water heater tanks, installation, and its service group and submit competitive advantages to mechanical installation sector in Turkey and all around the world.



# APPLICATION FIELDS



## HEAT TRANSFER PRODUCTS

- Gasketed Plate Heat Exchangers • Brazed Heat Exchangers • Shell&Tube Heat Exchangers • Air Fan Oil Cooler • Economizers • Coils and Radiators



## PRESSURE VESSELS

- Water Heater Tanks • Water Storage Tanks • Buffer Tanks • Expansion Tanks • Stainless Steel Process Tanks • Balance Tanks / Dirt Separators / Air Separators • Pressured Air Tanks • Neutralization Tanks • Air Tubes • Steel IBC Tanks with ADR



## COMPLETE SYSTEMS UNITS

- Heat Stations • Steam Package Systems • Special Designed Systems • Dosing Systems • Substations • Thermoregulators



## FOOD GRADE SYSTEMS

- Pasteurizers with plate heat exchangers • Hygienic Pasteurizers with Shell & Tube Heat Exchangers • Cheese and whey Systems • UHT – Sterilization Systems • CIP Systems • Hygienic Storage and Process Tanks • Homogenizers • Standartization Systems • Evaporators • Turn-key Projects



## FLUID TRANSFER PRODUCTS

- Lobe Pumps • Hygienic Centrifuge Pumps • Turbo / Roots / Centrifuge Blowers • Drum Pumps • Acid Pumps • Dosing Pumps • Monopumps • Air operated Double Diaphragm Pumps (AODD)



## VALVES

- Thermoplastic Valves • Plastomatic Valves



## ENERGY SYSTEMS

- Solar Collectors • Water Heater Tanks for Solar

# Contents

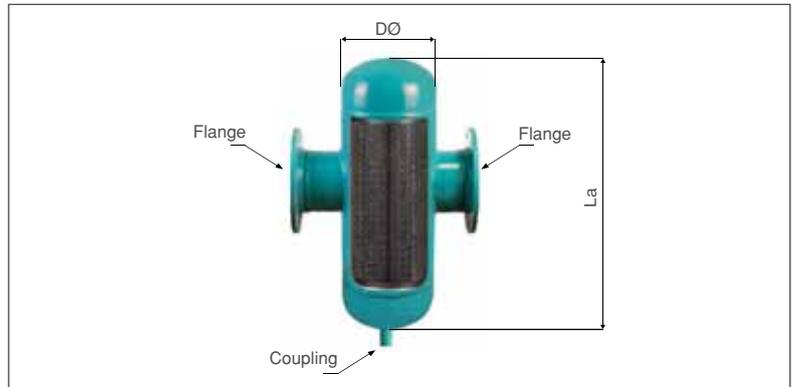
1

Seperators



## SEPERATORS

### Dirt Seperators



TECHNICAL INFORMATION			
Code	Connection Diameter	Body Diameter	Height
MIT-TT	DN	ØD	La
MIT-TT-25	25	100	300
MIT-TT-32	32	125	310
MIT-TT-40	40	125	310
MIT-TT-50	50	150	320
MIT-TT-65	65	150	420
MIT-TT-80	80	200	490
MIT-TT-100	100	200	490
MIT-TT-125	125	250	630
MIT-TT-150	150	300	680
MIT-TT-200	200	400	700
MIT-TT-250	250	500	1030
MIT-TT-300	300	600	1320

It prevents the unknown matter in the water (mud and dirt etc.) from entering the water from entering into the drainage.

#### Features

- 1"-12" wiring connection (DN25-DN300).
- Maximum operation of 10 and 16 atm.
- The test pressure is 1.5 times the operating pressure.
- Maximum operating temperature of 120 °C
- PN16 pressure class.
- Electrostatic powder coating.

#### Advantages

- The impurities are filtered from the filter and accumulate in the lower part of the device.
- Thus, the system will never be clogged.

- The accumulated sediment is easily discharged through the drain valve under the device.

#### Connection Types

- Flanged Connection
- Tube Welded Connection
- Threaded Connection

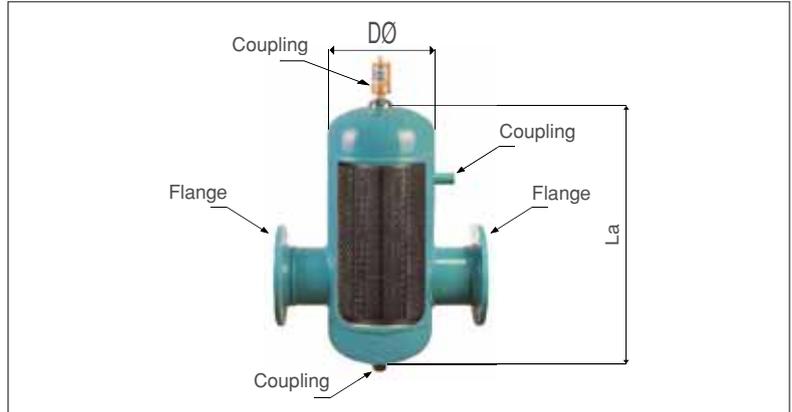
#### Certificates

- TSEK Certificate
- CE Certificate
- ISO 9001 Certificate



Measurements are approximate and may vary. Production is done according to project and application dimensions.

## Air Separators



### TECHNICAL INFORMATION

Code	Connection Diameter	Body Diameter	Height
MIT-HA	DN	ØD	La
MIT-HA-25	25	100	300
MIT-HA-32	32	125	310
MIT-HA-40	40	125	310
MIT-HA-50	50	150	320
MIT-HA-65	65	150	420
MIT-HA-80	80	200	490
MIT-HA-100	100	200	490
MIT-HA-125	125	250	630
MIT-HA-150	150	300	680
MIT-HA-200	200	400	700
MIT-HA-250	250	500	1030
MIT-HA-300	300	600	1320

The air and water, which are dissolved in the water, start to circulate with the water in the system by increasing the temperature. This air can cause corrosion in materials such as pipes, fittings, boilers and combi boilers. Sound causes circulatory disorders and cavitation in pumps. Due to the air of the radiators, it can cause non-heating problems. Therefore, these problems are prevented by using air separators in the system.

### Features

- 1"-12" wiring connection (DN25-DN300).
- 10 and 16 atm recommended operation.
- The test pressure is 1.5 times the operating pressure.
- Maximum use temperature of 120 °C.
- PN16 pressure class.
- Electrostatic powder coating.

### Advantages

- Discharges the air in the system.
- The air is continuously evacuated when the system is running without the need to stop the pump

during venting.

- The top drain valve is provided for draining air during filling.

### Connection Types

- Flanged Connection
- Tube Welded Connection
- Threaded Connection

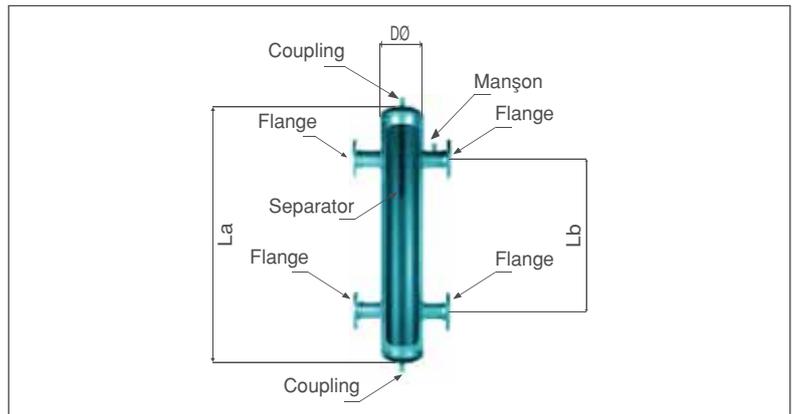
### Certificates

- TSEK Certificate
- CE Certificate
- ISO 9001 Certificate



Measurements are approximate and may vary. Production is done according to project and application dimensions.

## Balance Tank



### TECHNICAL INFORMATION

Code	Connection Diameter	Body Diameter	Height	Interconnection Height	Flow	Capacity
MIT-DK	DN	ØD	La	Lb	m <sup>3</sup> /h	kW
MIT-DK-25	25	65	450	280	1	20
MIT-DK-32	32	65	450	270	1,7	29
MIT-DK-40	40	80	480	320	2,5	43
MIT-DK-50	50	100	600	350	4	70
MIT-DK-65	65	150	720	400	8	140
MIT-DK-80	80	200	940	500	12	210
MIT-DK-100	100	200	940	500	20	350
MIT-DK-125	125	250	1160	600	32	550
MIT-DK-150	150	300	1380	700	52	900
MIT-DK-200	200	400	1840	1000	100	1750
MIT-DK-250	250	500	2130	1250	185	3250
MIT-DK-300	300	600	2420	1660	300	5250

In the boiler circuit (primary circuit) and in the heating circuits (secondary circuit) the hydraulic balance vessel separates the boiler circuit and the heating circuits from each other if there are different heating water flows.

### Features

- 1"-12" wiring connection (DN25-DN300).
- 10 and 16 atm recommended operation.
- The test pressure is 1.5 times the operating pressure.
- Maximum operating temperature of 120 °C.
- PN16 pressure class.
- Electrostatic powder coating.

### Advantages

- There is no hydraulic effect between the boiler circuit and the heating circuit.
- Boilers and heating zones operate under suitable water flow.
- It can be used in single or multiboiler systems

regardless of heating circuit control systems.

- The adjustment elements on both sides of the equilibrium container work optimally. (Three-way valve, etc.) Boiler circuit and adjustment elements are dimensioned without any problem.

### Connection Types

- Flanged Connection
- Tube Welded Connection
- Threaded Connection

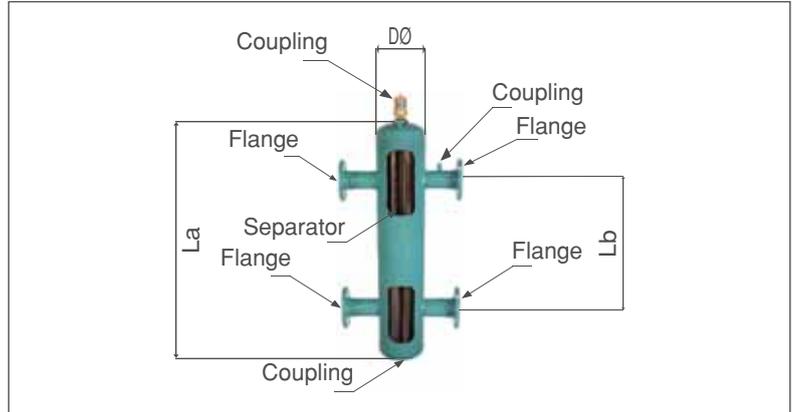
### Certificates

- TSEK Certificate
- CE Certificate
- ISO 9001 Certificate



Measurements are approximate and may vary. Production is done according to project and application dimensions.

## Combined Balance Tank



### TECHNICAL INFORMATION

Code	Connection Diameter	Body Diameter	Height	Interconnection Height	Flow	Capacity
MIT-PDK	DN	ØD	La	Lb	m <sup>3</sup> /h	kW
MIT-PDK-25	25	65	450	280	1	20
MIT-PDK-32	32	65	450	270	1,7	29
MIT-PDK-40	40	80	480	320	2,5	43
MIT-PDK-50	50	100	600	350	4	70
MIT-PDK-65	65	150	720	400	8	140
MIT-PDK-80	80	200	940	500	12	210
MIT-PDK-100	100	200	940	500	20	350
MIT-PDK-125	125	250	1160	600	32	550
MIT-PDK-150	150	300	1380	700	52	900
MIT-PDK-200	200	400	1840	1000	100	1750
MIT-PDK-250	250	500	2130	1250	185	3250
MIT-PDK-300	300	600	2420	1660	300	5250

The combined balance tank performs the function of the air separator, the sediment retainer-strainer and the equilibrium tank. Thanks to this feature, it provides significant cost savings.

### Features

- 1"-12" wiring connection (DN25-DN300).
- 10 and 16 atm recommended operation.
- The test pressure is 1.5 times the operating pressure.
- Maximum use temperature of 120 °C.
- PN16 pressure class.
- Electrostatic powder coating.

### Advantages

- In closed circuit heating systems, the heater extends the life of the boiler systems by making thermal and hydraulic balancing between the welding and the installation.
- Provides pressure, temperature and flow balance of different heat boilers.

- The air separation process can be done very quickly thanks to the automatic air purge air purifier. Thanks to the drain cock at the bottom of the equilibrium vessel, the deposits and debris accumulated in the container can be easily emptied.

### Connection Types

- Flanged Connection
- Tube Welded Connection
- Threaded Connection

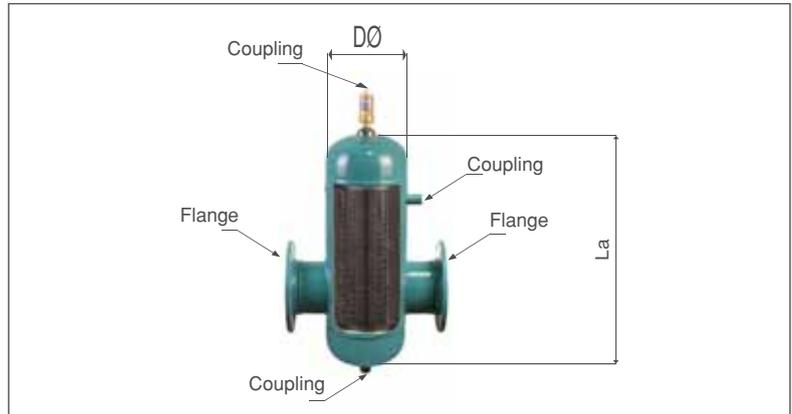
### Certificates

- TSEK Certificate
- CE Certificate
- ISO 9001 Certificate



Measurements are approximate and may vary. Production is done according to project and application dimensions.

## Combined Dirt and Air Separators



TECHNICAL INFORMATION			
Code	Connection Diameter	Body Diameter	Height
MIT-PTHA	DN	ØD	La
MIT-PTHA-25	25	100	300
MIT-PTHA-32	32	125	310
MIT-PTHA-40	40	125	310
MIT-PTHA-50	50	150	320
MIT-PTHA-65	65	150	420
MIT-PTHA-80	80	200	490
MIT-PTHA-100	100	200	490
MIT-PTHA-125	125	250	610
MIT-PTHA-150	150	300	675
MIT-PTHA-200	200	400	750
MIT-PTHA-250	250	500	1030
MIT-PTHA-300	300	600	1320

It prevents the unknown matter in the water (sludge, sediment and dirt caused by the water) to enter into the drainage and into the drain.

### Features

- 1"-12" wiring connection (DN25-DN300).
- 10 and 16 atm recommended operation.
- The test pressure is 1.5 times the operating pressure.
- Maximum use temperature of 120 °C.
- PN16 pressure class.
- Electrostatic powder coating.

### Advantages

- The impurities are filtered from the filter and accumulate in the lower part of the device.
- Thus, the system will never be clogged.
- The accumulated sediment is easily discharged

through the drain valve under the device.

- The air separation process can be done very quickly thanks to the automatic air purge air purifier. Thanks to the drain cock at the bottom of the equilibrium container, the sediment and debris holder accumulated in the container can be easily emptied.

### Connection Types

- Flanged Connection
- Tube Welded Connection
- Threaded Connection



Measurements are approximate and may vary. Production is done according to project and application dimensions.

## Neutralization Unit Pro



TECHNICAL INFORMATION						
Code	Capacity	Flow	Width	Depth	Height	Inlet-Outlet
MIT-NUP	kW	l/h	mm	mm	mm	inch
MIT-NUP-350	350	40	400	300	235	3/4"
MIT-NUP-500	500	60	400	300	235	3/4"
MIT-NUP-750	750	90	600	400	235	3/4"
MIT-NUP-1000	1000	120	600	400	235	3/4"
MIT-NUP-1500	1500	180	600	400	335	3/4"
MIT-NUP-2000	2000	240	600	600	335	1"
MIT-NUP-3000	3000	360	800	600	400	1"
MIT-NUP-4000	4000	480	800	600	400	1"

Due to condensation occurring during combustion and condensation of flue gases, pH values are reduced and condensate acid is formed. The condensate acid causes severe ecological problems and causes corrosive effects on the economizer and the boiler. The neutralization device prevents this problem by neutralizing the pH value.

### Features

- Complies with legislation.
- Material is PP or HDPE.
- Easy to install and use.
- Easy maintenance and cleaning.
- Can be manufactured in different dimensions and capacities.

### Certificates

- TSEK Certificate
- CE Certificate
- ISO 9001 Certificate



Measurements are approximate and may vary. Production is done according to project and application dimensions.

## Neutralization Unit Eco



TECHNICAL INFORMATION						
Code	Capacity	Flow	Width	Depth	Height	Inlet-Outlet
MIT-NUE	kW	l/h	mm	mm	mm	inch
MIT-NUE-350	350	50	400	300	300	1"
MIT-NUE-500	500	60	400	300	300	1"
MIT-NUE-750	750	100	565	410	370	1 1/2"
MIT-NUE-1000	1000	120	565	410	370	1 1/2"
MIT-NUE-1500	1500	180	600	490	340	1 1/2"
MIT-NUE-2000	2000	200	600	490	340	1 1/2"
MIT-NUE-2500	2500	250	800	600	500*	1 1/2"
MIT-NUE-3000	3000	300	800	600	500*	1 1/2"

### Features

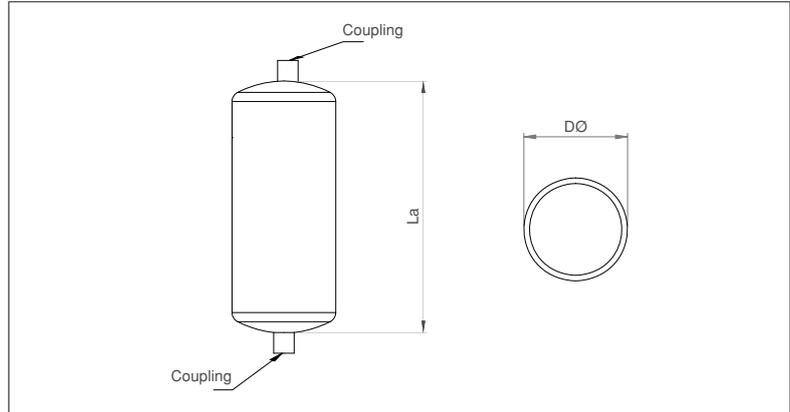
- Complies with legislation.
- Material is PP or HDPE.
- Easy to install and use.
- Easy maintenance and cleaning.
- Affordable and effective system.
- Various sizes and capacities can be manufactured.
- Cover bolts are stainless steel.
- Tank content; Lime Stone (Calcium Carbonate) and Neutralization Granules.

### Caution

- The limestone in the tank should contain more than 90% calcium carbonate.
- Calcium carbonate is low (inactive particles in chemical reaction form sludge in the tank), thus preventing chemical reaction and fluid flow.
- When the amount of limestone in the tank falls below a certain level, new ones are placed.
- The pH value should be measured at periodic intervals.
- If the pH value is low, the stone level should be checked.

 Measurements are approximate and may vary. Production is done according to project and application dimensions. \* These models are wheeled and the height including the wheel is 640 mm.

## Air Tanks



TECHNICAL INFORMATION			
Code	Capacity	Body Diameter	Height
MIT-HT	lt	ØD	La
MIT-HT-5	5	150	225
MIT-HT-10	10	200	260
MIT-HT-15	15	200	390
MIT-HT-20	20	300	240
MIT-HT-30	30	300	360
MIT-HT-40	40	300	480

The air tank ensures that the air formed in the pipes and radiators in the central heating systems is easily collected and discharged from the top branch. Allows air in the system to be evacuated. Continuously evacuates air while the system is running. A relief valve or an air breather can be installed.

### Features

- 10-16 atm maximum operation.
- The test pressure is 1.5 times the operating pressure.
- Maximum use temperature of 120 °C.
- Electrostatic powder coating.

### Certificates

- TSEK Certificate
- CE Certificate
- ISO 9001 Certificate



Measurements are approximate and may vary. Production is done according to project and application dimensions.



Ekin is aware that the progress in its sector is possible through continuous development and learning.

Ekin Academy, established with this awareness, aims to provide high-quality and sustainable development with its modern education methods, to provide successful employees and to provide value to the society through social responsibility projects.

Training and development programs that will make a direct contribution to the results of our employees' work processes and which will make a difference in their personal development are prepared by Ekin Academy.

For our business partners and customers, our training modules prepared by our expert staff provide training support for pre-sales and post-sales issues such as commissioning, operation, maintenance and repair of our products.

In cooperation with universities within the scope of corporate social responsibility projects, we are experiencing the happiness of adding value to the society by allowing the engineer candidate, who aims to take place in the fields where Ekin is active, to meet with the sector and to experience the theoretical knowledge acquired in the fields of application.

### In-Company Trainings

Ekin Academy conducts technical, leadership, strategy development, sales and training and development programs for different tasks in the fields of heat transfer, pressure vessels, package systems, food systems and liquid transfer.



### Out-of-Company Trainings

We are realizing conferences and training activities to our business partners, professional groups and institutions where we carry out social responsibility projects in various locations of Turkey.



## SALES TEAM

At Ekin, we produce a proactive solution by our engineering staff who are specialized in their field. Our team, which works with the aim of unconditional customer satisfaction, works selflessly in order to gain customer loyalty by raising the bar of success in products, services and processes.

We are happy to share our accumulated knowledge with our valued customers. Ekin will continue to be the best solution partner for you in all applications with all kinds of heating and cooling applications.



### **Customer Satisfaction**

Customer rights are protected in all circumstances.



### **Privacy Policy**

Aware of the importance of protecting personal information, personal information is not shared with third parties.



### **Information Security**

The requirements of ISO 27001 information security management system are fulfilled at Ekin.



### **Ethical Values**

In all our business relations, our principle of mutual benefit by adhering to laws and ethics is our principle.

# CERTIFICATES

## Certificate of Registration CE

**Manufacturer:**  
EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.

**Address:**  
ATATÜRK CAD. DES SANAYİ BİTESİ 107. SOK. B 14 BLOK NO 24 4 ÜMRANİYE / İSTANBUL / TURKEY

**Product:**  
MULTI-UNITATION UNIT

**Model:**  
SET

**Type:**  
- SET KİLİ EKİ (250KW, 300KW, 750KW, 1000KW, 1500KW, 2000KW, 2500KW, 3000KW)  
- SET KİLİ PRO (250KW, 300KW, 750KW, 1000KW, 1500KW, 2000KW, 2500KW, 3000KW)

**Product Standard:**  
2001/95/EC CEMD General Product Safety Directive

**Directive / Class:**  
2001/95/EC CEMD General Product Safety Directive

This certificate with the relevant technical files is reviewed and attested with presumption of compliance with the essential requirements listed (EU Directives) above. Other relative directives must be applied.  
This attestation does not absolve the compulsory obligation of the manufacturer to issue the declaration of conformity.  
This certificate does not remove the responsibility to national / international trade of the company for product safety, labelling etc.

Certificate No.	TR-CE02-1001
Certificate Date	11.01.2015
Issue Date	19.01.2015
Expiry Date	11.01.2020

## Certificate of Compliance

**APPLICANT:** EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. TİC. LTD. ŞTİ.  
ESENKENT MÜDESSAN SAN. SİT. 107. SK.ATATÜRK C.B. 14 BLOK SA 4 ÜMRANİYE / İSTANBUL.

**MANUFACTURE:** EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. TİC. LTD. ŞTİ.  
ESENKENT MÜDESSAN SAN. SİT. 107. SK.ATATÜRK C.B. 14 BLOK SA 4 ÜMRANİYE / İSTANBUL.

**TRADE MARK / PRODUCT TYPE / MODEL:** MIT  
ELECTRICAL WATER HEATER - ELEKTRİK SUYU/BUYUĞER  
MIT 203 / MIT 243 / MIT 253 / MIT 283 / MIT 303 / MIT 353 / MIT 403 / MIT 503 / MIT 553 / MIT 603 / MIT 703 / MIT 753 / MIT 803 / MIT 903 / MIT 953 / MIT 1003 / MIT 1103 / MIT 1203 / MIT 1303 / MIT 1403 / MIT 1503 / MIT 1603 / MIT 1703 / MIT 1803 / MIT 1903 / MIT 2003 / MIT 2103 / MIT 2203 / MIT 2303 / MIT 2403 / MIT 2503 / MIT 2603 / MIT 2703 / MIT 2803 / MIT 2903 / MIT 3003 / MIT 3103 / MIT 3203 / MIT 3303 / MIT 3403 / MIT 3503 / MIT 3603 / MIT 3703 / MIT 3803 / MIT 3903 / MIT 4003 / MIT 4103 / MIT 4203 / MIT 4303 / MIT 4403 / MIT 4503 / MIT 4603 / MIT 4703 / MIT 4803 / MIT 4903 / MIT 5003 / MIT 5103 / MIT 5203 / MIT 5303 / MIT 5403 / MIT 5503 / MIT 5603 / MIT 5703 / MIT 5803 / MIT 5903 / MIT 6003 / MIT 6103 / MIT 6203 / MIT 6303 / MIT 6403 / MIT 6503 / MIT 6603 / MIT 6703 / MIT 6803 / MIT 6903 / MIT 7003 / MIT 7103 / MIT 7203 / MIT 7303 / MIT 7403 / MIT 7503 / MIT 7603 / MIT 7703 / MIT 7803 / MIT 7903 / MIT 8003 / MIT 8103 / MIT 8203 / MIT 8303 / MIT 8403 / MIT 8503 / MIT 8603 / MIT 8703 / MIT 8803 / MIT 8903 / MIT 9003 / MIT 9103 / MIT 9203 / MIT 9303 / MIT 9403 / MIT 9503 / MIT 9603 / MIT 9703 / MIT 9803 / MIT 9903 / MIT 1003

**Verification to:** Standard: EN 60335-2-21, EN 52804-1, EN 52807 (related to CE Directive) 2014/53/EU (Low Voltage)

**Remark:** The product(s) has been certified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of MEDCBT, in reference to the above listed Standard(s). The above Certification Mark can be affixed on the product(s) accordingly to the MEDCBT regulation about its release and its use. Regulation can be found at [www.medcbt.com.tr](http://www.medcbt.com.tr). Whereas the Manufacturer is responsible of the CE verification of the product(s) and not exempted to perform all the necessary activities before placing the product(s) on the market.  
The Manufacturer is also responsible to maintain efficient the internal production control to ensure the product(s) are in compliance with the Certification MEDCBT Mark. This certificate can be checked for [www.medcbt.com.tr](http://www.medcbt.com.tr)

Sertifika No / Certificate No.	CE-151202
Değerlendirme Tarihi / Date of Audit	21.11.2015
Yürürlük Tarihi / Date of Registration	24.11.2015
Yürürlük Bitiş Tarihi / Validity Period	24.11.2020

Adres: Yak. Halkalıda Genel Kurul Salonu No:114/3/3/3/3 Trabzon Yolu/10700  
Tic Sic No: 27 81 46 Fide Sic No: 27 81 47 [www.ekinendustriyel.com.tr](http://www.ekinendustriyel.com.tr) info@ekinendustriyel.com.tr

## Certificate of Registration CE

**Manufacturer:**  
EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC.LTD.ŞTİ.

**Address:**  
ATATÜRK CAD. DES SANAYİ BİTESİ 107. SOKAK B 14 BLOK NO 24 4 ÜMRANİYE / İSTANBUL / TURKEY

**Product:**  
SINGLE SEPARATE WATER HEATER - TEK BİRİMLİ SUYU/BUYUĞER

**Type(s) / Model(s):**  
MIT 101, MIT 161, MIT 201, MIT 301, MIT 351, MIT 501, MIT 601, MIT 801, MIT 1001, MIT 1501, MIT 2001, MIT 2501, MIT 3001, MIT 3501, MIT 4001, MIT 5001

**Trade Mark:**  
MIT

**Product Standard:**  
EN 60335-2-21, EN 52804-1, EN 12897

**Directive(s):**  
2014/53/EU Low Voltage Directive (LVD)

This certificate with the relevant technical files is reviewed and attested with presumption of compliance with the essential requirements listed (EU Directives) above. Other relative directives must be applied.  
This attestation does not absolve the compulsory obligation of the manufacturer to issue the declaration of conformity.  
This certificate does not remove the responsibility to national / international trade of the company for product safety, labelling etc.

Certificate No.	TR-LVD-1247
Certificate Date	05.04.2017
Issue Date	06.04.2018
Expiry Date	06.04.2019

## Eurasian Conformity Declaration

**DECLARATION OF CONFORMITY WITH THE REQUIREMENTS OF THE EUROPEAN UNION REGULATIONS AND STANDARDS**

**Manufacturer:** EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.  
ESENKENT MÜDESSAN SAN. SİT. 107. SK.ATATÜRK C.B. 14 BLOK SA 4 ÜMRANİYE / İSTANBUL / TURKEY

**Product:** MIT 101, MIT 161, MIT 201, MIT 301, MIT 351, MIT 501, MIT 601, MIT 801, MIT 1001, MIT 1501, MIT 2001, MIT 2501, MIT 3001, MIT 3501, MIT 4001, MIT 5001

**Standard:** EN 60335-2-21, EN 52804-1, EN 12897

**Declaration:** I, the undersigned, being duly authorized, hereby declare that the product(s) mentioned above is/are in conformity with the requirements of the European Union Regulations and Standards.

**Signature:**

**Date:** 18.04.2018

Регистрационный номер декларации о соответствии ЕАС: № RU.218.18.018.0014  
Дата регистрации: 18.04.2018



**TÜRK STANDARLARI ENSTİTÜSÜ**  
**TÜRK STANDARLARINA UYGUNLUK BELGESİ**  
**TURKISH STANDARDS INSTITUTION**  
**CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS**

Markanın Tanımı / Description of the Mark  
**TSE** **TSE** **TSE**

**BELGE NUMARASI** / PERFORMANCE NUMBER OF LICENSE: 211181-TSE-01401  
**BELGENİN İLK YERLİŞİ TARİHİ** / DATE OF FIRST ISSUE OF LICENSE: 14.12.2016  
**BELGENİN SON GEÇERLİLİK TARİHİ** / LICENSE VALID UNTIL: 14.12.2018  
**BELGE SAHİBİ KURULUŞUN ADI** / NAME OF THE LICENSE HOLDER: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.  
**BELGE SAHİBİ KURULUŞUN ADRESİ** / ADDRESS OF THE LICENSE HOLDER: DUDULLU ÖSS MAH. DES-107 SK. NO:2 ÜMRANİYE İSTANBUL/TÜRKİYE  
**ÜRETİM YERİ ADI** / NAME OF THE MANUFACTURING PLACE: EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.  
**ÜRETİM YERİ ADRESİ** / ADDRESS OF THE MANUFACTURING PLACE: DUDULLU ÖSS MAH. DES-107 SK. NO:2 ÜMRANİYE İSTANBUL/TÜRKİYE  
**İPTAL EDİLEN BELGE NUMARASI (Varlık)** / INDICATION OF SUPERSEDED LICENSE (if any):  
**TECİLLİ TİCARİ MARKASI** / REGISTERED TRADE MARK: MT + Sani  
**İLGLİ TÜRK STANDARTI** / RELATED TURKISH STANDARD: TS 736 / Soak su hazırlayıcılar (Beyzeler) - Soak su kapları ve veya buharlı su jantları / 02.04.2015  
**BELGE KAPSAMI** / SCOPE OF LICENSE:  
Soak su hazırlayıcılar (Beyzeler)  
Sınıf 1: Plastik aletler  
Tip 1: Tak iletken (sarımsık) (Ply II)  
Tip 2: Soak su ile doldurulmuş  
Tip 3: Buhar (sarımsık) ile doldurulmuş  
Düzen 2: Düşey konumda kullanıldığında (Ply II)  
Kullanılacak Kılıf: Koruyucu "C" (Koruyucu Koruyucu Emaye Kaplamalı)

01.12.2017  
VOLKAN DÜLBER  
MAKİNA SEKTÖRÜ MÜDÜRÜ

**ISQ**  
Certification Body

**CERTIFICATE**

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.**  
ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SK. 2/A NO:4 ÜMRANİYE / İSTANBUL / TÜRKİYE, Türkiye  
İNTERSİSTEM TEKNİK BELGELENDİRME tarafından değerlendirilip ve uygunluğa ulaştırılmıştır  
is audited by INTERSYSTEM TECHNİK BELGELENDİRME Certification and audit Energy Management System based on the requirements of

**ISO 50001:2018**

kuruluşun aşağıdaki kapsamda faaliyetleri aşağıda gösterilmektedir  
covered for the following activities

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHMLİ EŞANJÖR, BÖRÜLÜ EŞANJÖR, GENLEŞME TANKI, ISI İSTASYONU, DÜĞME TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, CHILLER, SOĞUTMA GRUBU, KAZAN, DEFLÖZÖR, BLOWER, BATERAY, ISI DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, ÇİP VE PASTÖRİZATÖR ÜRETİMİ VE SATIŞI  
MANUFACTURING AND SERVICE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK, HEAT EXCHANGER TANK, WHEAT EXCHANGER TANK, BUFFER TANK, CONDENSER TANK, ISLAND HEAT EXCHANGER, EXPANSION TANK, SUBSTITUTION VALVE TANK, ZONE SEPARATOR, AIR SEPARATOR, BUFFER TANK, COMBUSTION CHIMNEY, COOLING TOWER, CHILLER, COOLING GROUP, APPARATUS, BLOWER, COIL HEAT EXCHANGER, ECONOMIZER AND SERPANTINE, VALVE, UHT, CHIP AND PASTEURIZER

Sertifika No / Certificate No: **EnMS-0009-13001066-TN**

01.11.2018 Sertifika Tarihi / Certificate Date	01.11.2020 Sertifika Son Tazminat Tarihi / Certificate Validity Date
01.11.2018 Belgeleme Periyodu / Belgeleme Periyodu / Certificate Period	01.11.2018 Sertifika Geçerlilik Tarihi / Certificate Validity Date

**ONAY**  
APPROVAL

**Certificate of Registration**  
**CERTIFICATE OF CONFORMITY**  
TECHNICAL FILE-TEKNİK DOSYA UYGUNLUK SERTİFİKASI  
Certificate No: **PG-1059**

**CE**

to the Manufacturer / yapımcıya ünitesi için:

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.**  
Makina Cad. 285 Sanayi Sitesi 1307, Sokak B. 14 Blok No:2/A Ümraniye / İstanbul / TÜRKİYE

Product and designation of type / üretilen ürünün tip ve adının açıklaması:  
Balance Tanks/Çeşme Tankları / MIT Branded MIT Markalı

BALANCE TANKI/ÇEŞME KABİ - DK25 (0-25 KW), DK32 (25-43 KW), DK40 (43-61 KW), DK50 (50-72 KW), DK63 (72-130 KW), DK80 (130-243 KW), DK100 (243-395 KW), DK125 (395-600 KW), DK150 (600-1170 KW), DK200 (1170-3500 KW), DK250 (3500-5000 KW), DK300 (5000-9000 KW), DK350 (9000-45000 KW), DK400 (45000-8000 KW), DK450 (8000-10000 KW), DK1000 (10000-16000 KW)  
PACKET BALANCE TANKI / PAKET ÇEŞME KABİ - PK25 (0-25 KW), PK32 (25-43 KW), PK40 (43-61 KW), PK50 (50-72 KW), PK63 (72-130 KW), PK80 (130-243 KW), PK100 (243-395 KW), PK125 (395-600 KW), PK150 (600-1170 KW), PK200 (1170-3500 KW), PK250 (3500-5000 KW), PK300 (5000-9000 KW), PK350 (9000-45000 KW), PK400 (45000-8000 KW), PK450 (8000-10000 KW), PK1000 (10000-16000 KW)

The products is covered by the following EU-Directive / Ürünler aşağıdaki direktifler kapsamında değerlendirilmiştir:  
2014/68/EU Pressure Equipment Directive (PED) / Basınç Ekipmanları Yönetmeliği

This certificate covers the above product. Does not cover all products produced, covers the above products. / Bu belge yukarıdaki ürünü kapsamaktadır. Ürünlerin diğer özelliklerini kapsamaz, belirtilen özellikler kapsamaktadır.

Certificate Date / Sertifika Tarihi:  
Date of Initial Registration / İlk Belgelendirme Tarihi: 11.10.2017 / 28 Kasım 2017  
Date of Last Renewal / Son Tazminat Tarihi: 11.10.2020 / 9 Kasım 2020  
Date of expiry / Belgeleme Sonu Tarihi: 11.10.2020 / 28 Kasım 2020

**ISQ**  
International Certification Co., Ltd.  
www.internationalcertification.com

**ISQ**  
Certification Body

**CERTIFICATE**

**EKİN ENDÜSTRİYEL ISITMA SOĞUTMA SAN. VE TİC. LTD. ŞTİ.**  
ATATÜRK CAD. DESSAN SANAYİ SİTESİ B14 BLOK 107 SK. 2/A NO:4 ÜMRANİYE / İSTANBUL / TÜRKİYE, Türkiye  
İNTERSİSTEM TEKNİK BELGELENDİRME tarafından değerlendirilip ve uygunluğa ulaştırılmıştır  
is audited by INTERSYSTEM TECHNİK BELGELENDİRME Certification and audit Occupational Safety Management System based on the requirements of

**OHSAS 18001:2007**

kuruluşun aşağıdaki kapsamda faaliyetleri aşağıda gösterilmektedir  
covered for the following activities

PLAKALI EŞANJÖR, AKÜMÜLASYON TANKI, BOYLER, LEHMLİ EŞANJÖR, BÖRÜLÜ EŞANJÖR, GENLEŞME TANKI, ISI İSTASYONU, DÜĞME TANKI, TORTU TUTUCU, HAVA AYIRICI, BUFFER TANKI, PAKET SİSTEM, POMPA, SOĞUTMA KULESİ, CHILLER, SOĞUTMA GRUBU, KAZAN, DEFLÖZÖR, BLOWER, BATERAY, ISI DEĞİŞTİRİCİ RADYATÖR, EKONOMİZER, SERPANTİN, VANA, UHT, ÇİP VE PASTÖRİZATÖR ÜRETİMİ VE SATIŞI  
MANUFACTURING AND SERVICE OF PLATE HEAT EXCHANGER, ACCUMULATION TANK, HEAT EXCHANGER TANK, WHEAT EXCHANGER TANK, BUFFER TANK, CONDENSER TANK, ISLAND HEAT EXCHANGER, EXPANSION TANK, SUBSTITUTION VALVE TANK, ZONE SEPARATOR, AIR SEPARATOR, BUFFER TANK, COMBUSTION CHIMNEY, COOLING TOWER, CHILLER, COOLING GROUP, APPARATUS, BLOWER, COIL HEAT EXCHANGER, ECONOMIZER AND SERPANTINE, VALVE, UHT, CHIP AND PASTEURIZER

Sertifika No / Certificate No: **OH-0096-13001066-TN**

11.10.2017 Sertifika Tarihi / Certificate Date	10.10.2020 Sertifika Geçerlilik Tarihi / Certificate Validity Date
10.10.2020 Belgeleme Periyodu / Belgeleme Periyodu / Certificate Period	10.10.2020 Sertifika Geçerlilik Tarihi / Certificate Validity Date

**ONAY**  
APPROVAL



## PROFESSIONAL SYSTEM SOLUTION CENTER

From our MIT professional system solution center, you can get help with problems with your pumps, heat exchangers and your system. Our solution center consisting of our expert engineers will be happy to help you.

- Domestic hot water installations.
- Central and district heating systems.
- Milk, yogurt, buttermilk heating, cooling and pasteurization systems.
- Industrial cooling and heating systems.
- Oil cooling systems.
- Energy recovery systems.
- Pool heating systems.
- Steam installations.



It is vital for your system to be designed and implemented correctly in the first installation in order to be able to operate at the desired capacity, smoothness and long life. For this reason, you can get first-hand

the technical support you need during the installation phase of your system and the problems that may arise in the business; You can reach us **24 hours +90 (216) 232 24 12 in 7 days.**



**+90 850 811 04 18**

We would like to reiterate that we will be happy to share our knowledge accumulated over many years with our valued customers in order for your system to work correctly and performance.

Ekin will continue to be the best solution partner for you in all applications with all kinds of heating and cooling applications.

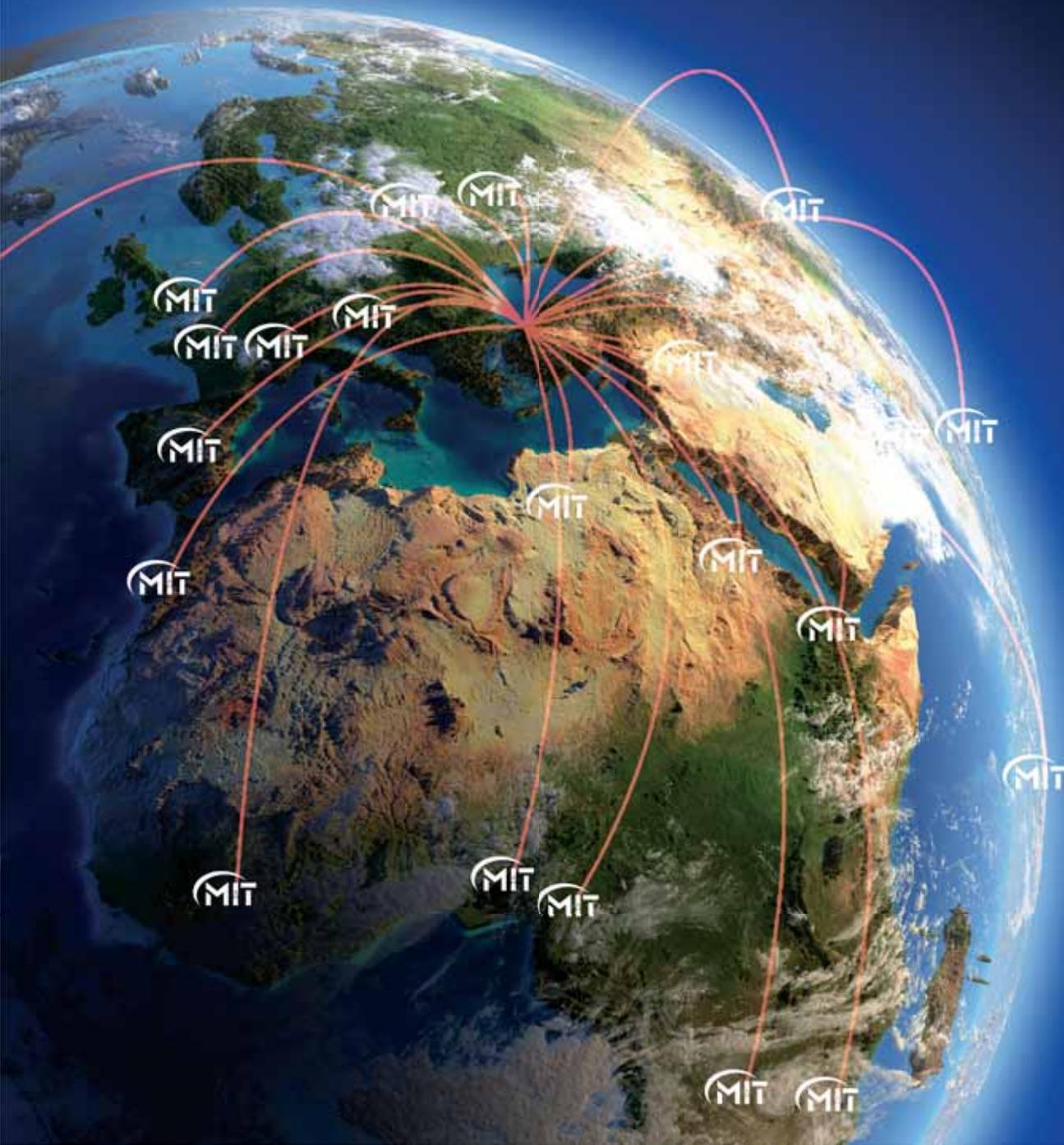


/ekinendustriyel

Follow us on  
social media...



Our products are produced with Turkish engineering technology in **135 countries** in the world today...





**EKİN ENDÜSTRİYEL**

Isıtma-Soğutma San. Tic. Ltd. Şti.

Dudullu Organize Sanayi Bölgesi - Des Sanayi Sitesi  
107. Sk. B14 Blok No: 2 Ümraniye / İstanbul / Turkey  
**Phone:** +90 216 232 24 12 **Fax:** +90 216 660 13 08  
[info@ekinendustriyel.com](mailto:info@ekinendustriyel.com) - [www.ekinendustriyel.com](http://www.ekinendustriyel.com)

**444 EKİN**  
**3546**