



EKIN ENDÜSTRİYEL

Diaphragm Transfer Pumps



Our Main Focus

Heat Transfer Section

- Plate Heat Exchangers
- Brazed Heat Exchangers
- Flat Access Stations
- Shell and Tube Heat Exchangers

Pressure Vessel Section

- Boilers
- Accumulation Tanks
- Stainless Process Tanks
- Expansion Tanks
- Balance Tanks
- Air Separators
- Sediment Blockers

Separator Vessels Section

- Balance Tanks
- Sediment Blockers
- Air Separators
- Package Sediment and Air Separators
- Package Balance Sediment and Air Separators

Hygienic Process Section

- Pasteurizers and Sterilizers
- CIP Systems and Tubular Heat Exchangers
- Complete Stainless Process Heat Exchangers
- Hygienic Pumps
- Aseptic Storage Tanks
- Food Process Equipment and Facilities

Liquid Transfer Section

- Rotary Lobe Pumps
- Barrel Pumps
- Mono Pumps
- Domestic Pumps
- Air Diaphragm Pumps
- Twin Screw Hygiene Pumps
- Magnetic Coupling Centrifug Pumps
- Hygienic Centrifug Pumps
- Peristaltic Hose Pumps
- Dosage Pumps



Sustainable Innovation, Quality Standardization and Dynamism

Ekin Industrial has entered Turkey's sector of imported plate heat exchanger, with their customer focused vision and dynamic. Ekin has expanded into new and upcoming investments.

One of the main steps was gaining the identity of being a producer. Ekin Industrial has started the production of plate heat exchangers with the brand of 'MIT'. We grew in the philosophy of quality, through initially adapting to ISO Quality Management System procedures, and completed the CE security and quality certification period, and has matched foreign standards like GOST.

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

Engineering Approachments, Integrated Solutions

Ekin Industrial, with investment in MIT plate heat exchangers, their identity of producer and engineer vision is aiming to solve problems in the sector. To meet these views, Ekin Industrial has expanded into the production of components, sales and after sales service by employing expert engineers.

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



MIT DIAPHRAGM TRANSFER PUMPS

Diaphragm pumps which work with air can be used in various areas in industrial works. It works as the same principle with lift and force pumps. Diaphragm pumps works with air instead of electricity motors with help of a compression motor that supplies demand of the pumps air according to its own flow rate and pressure values.

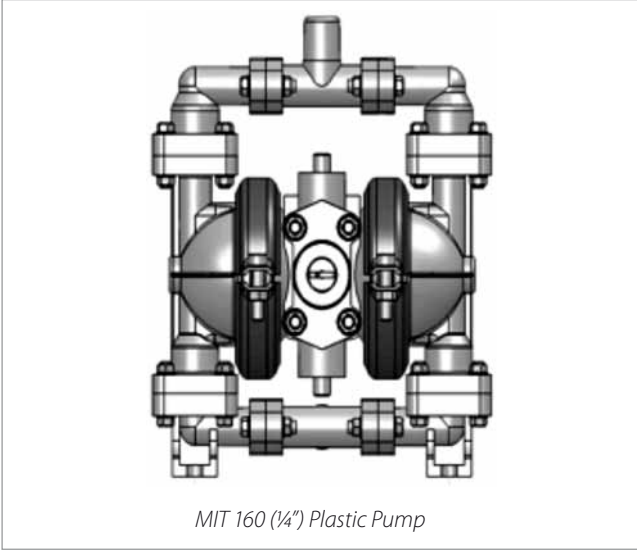
Due to pumps non-electric motor it has an ex-proof feature. For this reason this pump can serve under oil, solvent and many other flammable material containing work spaces. Besides having deep vacuum and dry working features this pumps flow rate and pressure can be easily adjustable.

Considering all this reasons air working pumps can serve at various areas of industry like transfer, circulation, injection, filling.



MIT 160 Series Diaphragm Pumps

MIT air diaphragm transfer pumps have multiple applications which give opportunity to be used at high flow rated and particulated fluids. With differing diaphragm adjustments according to flows MIT air diaphragm transfer pumps offers a longer life-time.



TECHNICAL FEATURES

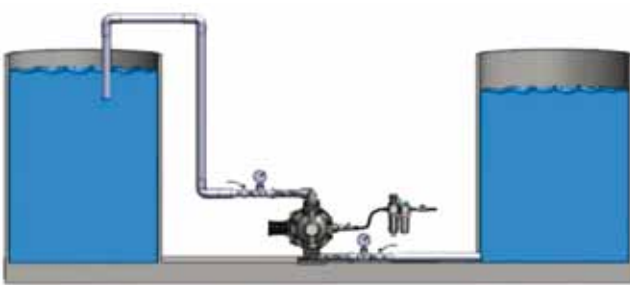
| Flow | 16 l/dk |
|--------------------------|------------|
| Pump Inlet-Outlet | 1/4" |
| Operating Pressure (max) | 7 bar |
| Head (max) | 70 m |
| Sucking | 6 m |
| Operating Temperature | 0 ~ +100°C |
| Air Inlet | 1/4" |
| Particle Permeability | 1 mm |
| Weight | 1,5 kg |

MATERIAL FEATURES

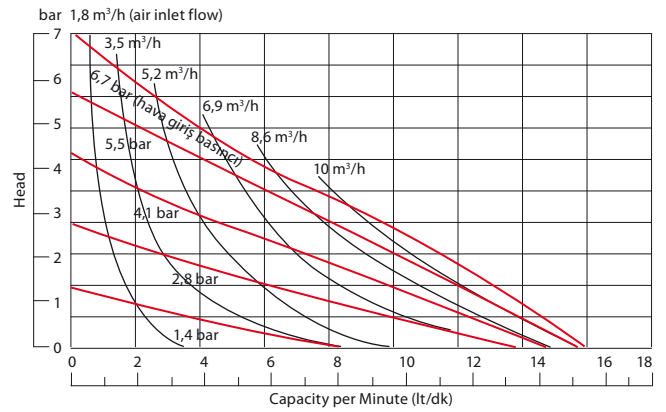
| Body | Polypropylene (PP) |
|------------|--------------------|
| Diaphragms | Santopren |
| | Teflon |
| | EPDM |
| | Viton |
| | Buna-N |
| | Neopren |

AREAS OF USAGE

MIT diaphragm pumps can easily transfer the fluid with connecting to the bottom of the tank.



MIT 160 (1/4") Plastic Pumps Performance Curve



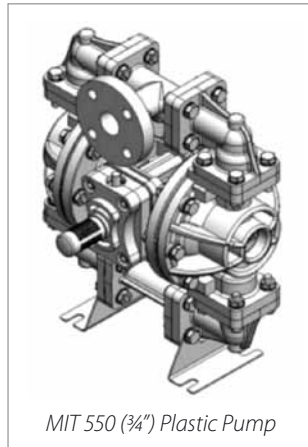
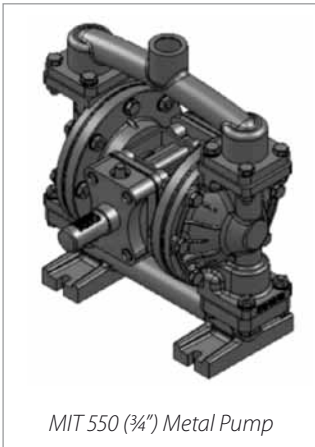
MIT 550 Series Diaphragms Pumps

MIT 550 series offers the user to choose the most effective application for various chemicals with plastic and aluminum body.



TECHNICAL FEATURES

| | Plastic Body | Metal Body |
|--------------------------|----------------|----------------|
| Flow | 55 l/dk | 55 l/dk |
| Pump Inlet-Outlet | 3/4" | 3/4" |
| Operating Pressure (max) | 7 bar | 7 bar |
| Head (max) | 70 m | 70 m |
| Sucking | 6 m | 6 m |
| Operating Temperature | 0 ~ +100°C | -18 ~ +100°C |
| Air Inlet | 1/4" | 1/4" |
| Particle Permeability | 3 mm | 3 mm |
| Weight | 4,2 kg | 4,9 kg |

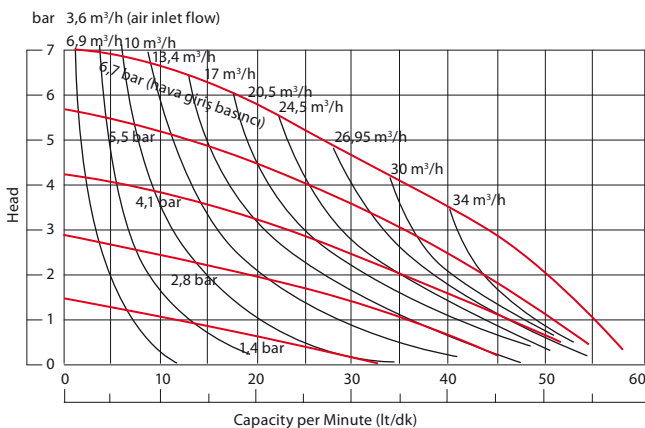


MATERIAL FEATURES

| | |
|-------------------|---|
| Body | Polipropilen (PP) ALUMINIUM |
| Diaphragms | Santopren Teflon EPDM Viton Buna-N Neopren |

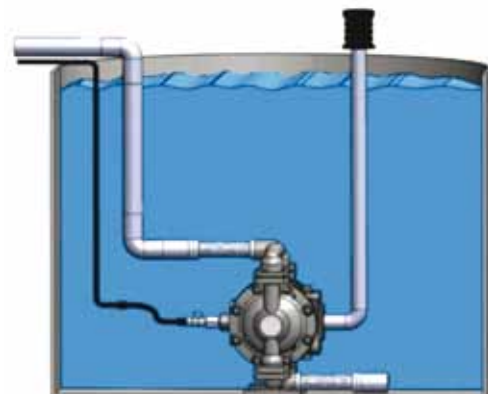
MIT 550 (3/4") Plastic and Metal Pumps

Performance Curve



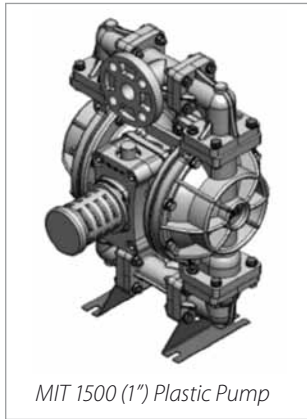
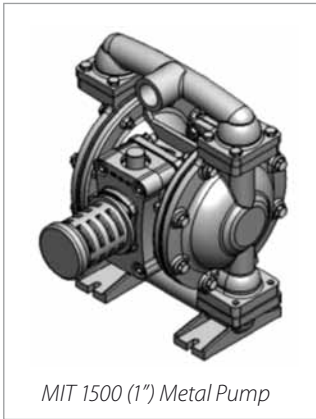
AREAS OF USAGE

MIT diaphragm pumps can also be used as submerged pumps. To do this air release pipe should go above the water level to keep pumps exhaust for releasing the air.

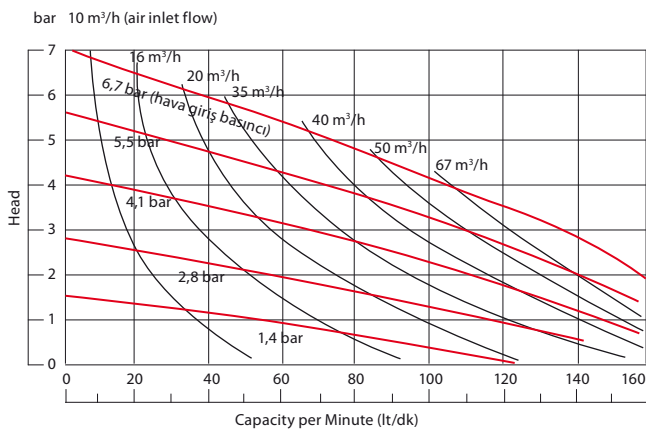


MIT 1500 Series Diaphragms Pumps

MIT air diaphragm pumps are commonly used at marine industry. Bilge water discharge, sanding, scrape and rusted wastes are also in the line of work of this pump. Air diaphragm pumps are also used at transferring and storing most of the chemicals which used at dye houses and press machines paint circulations which used at textile industry. With the color and press capacity of the machine a different pump can be used for every color.



MIT 1500 (1") Plastic and Metal Pumps Performance Curve



TECHNICAL FEATURES

| | Plastic Body | Metal Body |
|--------------------------|-----------------|-----------------|
| Flow | 150 l/dk | 150 l/dk |
| Pump Inlet-Outlet | 1" | 1" |
| Operating Pressure (max) | 7 bar | 7 bar |
| Head (max) | 70 m | 70 m |
| Sucking | 6 m | 6 m |
| Operating Temperature | 0 ~ +100°C | -18 ~ +100°C |
| Air Inlet | ½" | ½" |
| Particle Permeability | 4 mm | 4 mm |
| Weight | 8 kg | 9 kg |

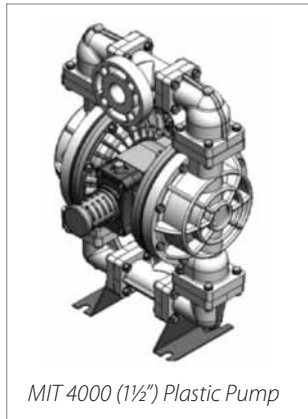
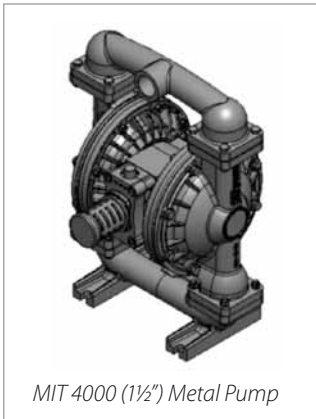
MATERIAL FEATURES

| | |
|-------------------|--|
| Body | Polipropilen (PP) ALUMINIUM STAINLESS STEEL NODULAR CAST IRON |
| Diaphragms | Santopren Teflon EPDM Viton Buna-N Neopren |



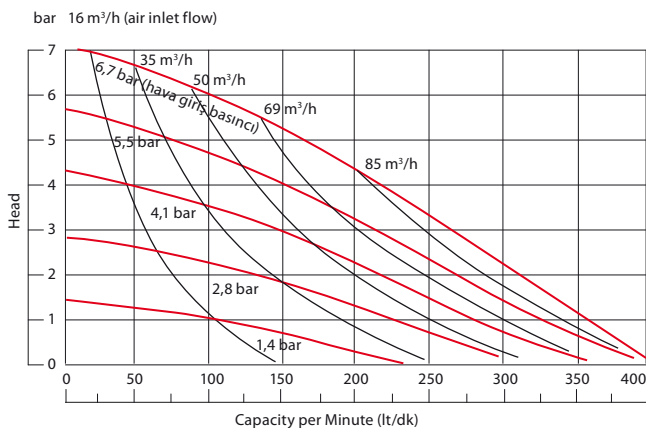
MIT 4000 Series Diaphragms Pumps

MIT air diaphragm pumps are very useful at cleaning oil and sludge which occurred at storage basins of petrol products. These pumps can be used for any type of chemical, glue, solvents, paint or inks transfer and circulation. A MIT air diaphragm pump doesn't require any electrical engine due to this reason it has a resistance to explosion and combustion which called the Ex-proof feature. It can be used in transferring and storing paint and glue materials. For water based fluids nitrile caoutouc diaphragm can be used and for solvent based fluids PTFE diaphragm can be used.



MIT 4000 (1 1/2") Plastic and Metal Pumps

Performance Curve

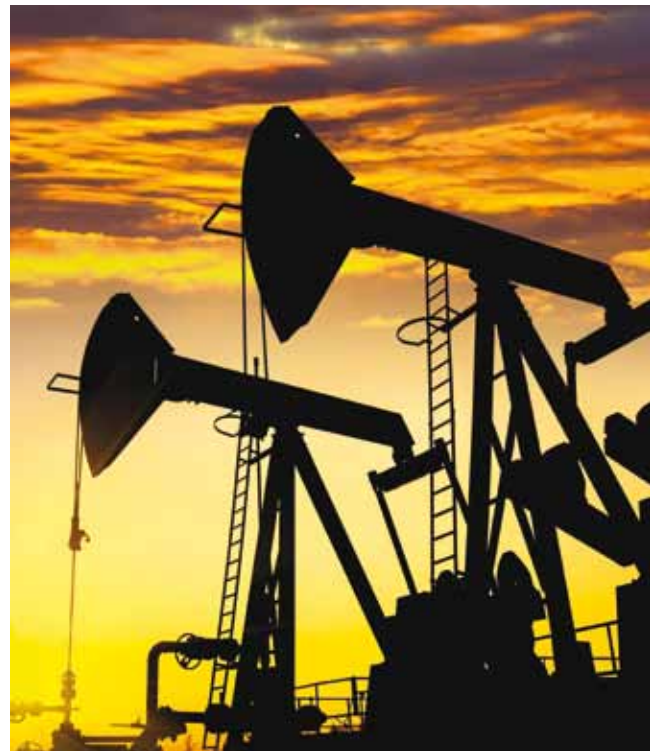


TECHNICAL FEATURES

| | Plastic Body | Metal Body |
|--------------------------|-----------------|-----------------|
| Flow | 400 l/dk | 400 l/dk |
| Pump Inlet-Outlet | 1 1/2" | 1 1/2" |
| Operating Pressure (max) | 7 bar | 7 bar |
| Head (max) | 70 m | 70 m |
| Sucking | 6 m | 6 m |
| Operating Temperature | 0 ~ +100°C | -18 ~ +100°C |
| Air Inlet | 3/4" | 3/4" |
| Particle Permeability | 6 mm | 6 mm |
| Weight | 20,5 kg | 25 kg |

MATERIAL FEATURES

| | |
|-------------------|--|
| Body | Polipropilen (PP) ALUMINIUM STAINLESS STEEL NODULAR CAST IRON |
| Diaphragms | Santoprene Teflon EPDM Viton Buna-N Neoprene |



MIT 5600 Series Diaphragms Pumps

MIT air diaphragm pumps are used in transferring acid and chemical based sludge and dewatering sedimentation sludge with pressing it to filter at water treatment plants. Transferring animal based waste in slaughtering facilities, storing and bottling process at fish oil industry can be referred work areas of MIT air diaphragm pumps.

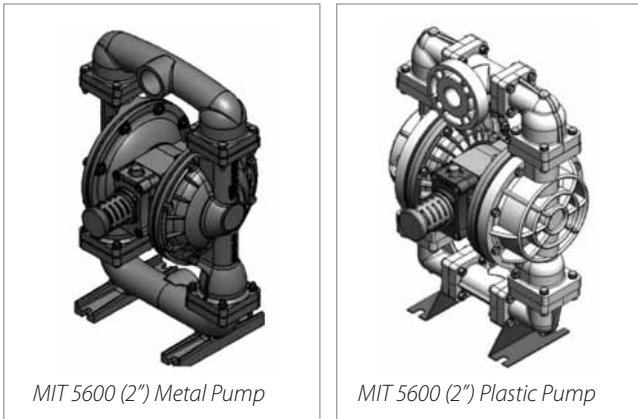


TECHNICAL FEATURES

| | Plastic Body | Metal Body |
|--------------------------|-----------------|-----------------|
| Flow | 560 l/dk | 560 l/dk |
| Pump Inlet-Outlet | 2" | 2" |
| Operating Pressure (max) | 7 bar | 7 bar |
| Head (max) | 70 m | 70 m |
| Sucking | 6 m | 6 m |
| Operating Temperature | -18 ~ +100°C | -18 ~ +100°C |
| Air Inlet | ¾" | ¾" |
| Particle Permeability | 6 mm | 6 mm |
| Weight | 30 kg | 32 kg |

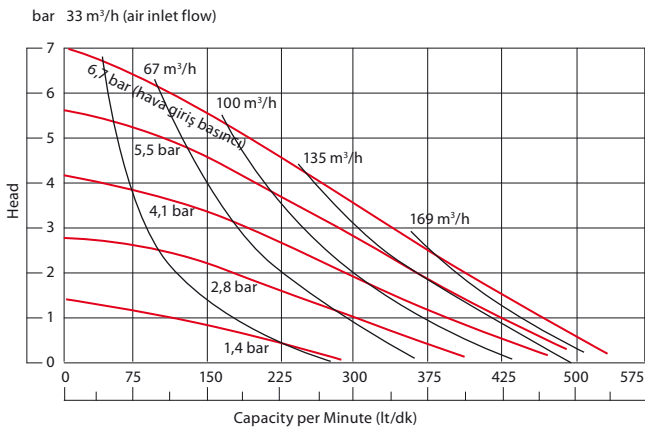
MATERIAL FEATURES

| | |
|-------------------|--|
| Body | Polipropilen (PP) ALUMINIUM STAINLESS STEEL NODULAR CAST IRON |
| Diaphragms | Santoprene Teflon EPDM Viton Buna-N Neoprene |



MIT 5600 (2") Plastic and Metal Pumps

Performance Curve



MIT 8900 Series Diaphragms Pumps

MIT air diaphragm pumps are used in ceramic industry for transferring sludge and mold filling purpose. Beside this it can also be used at sealing sector with circulation and spraying purpose.

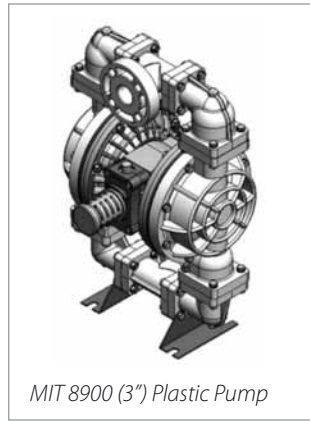
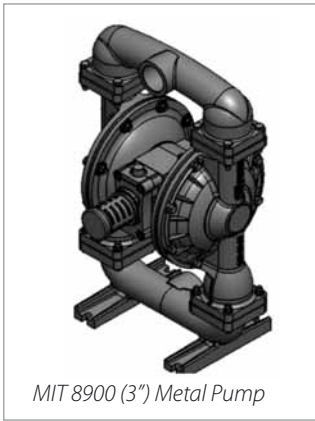


TECHNICAL FEATURES

| | Plastic Body | Metal Body |
|--------------------------|-----------------|-----------------|
| Flow | 890 l/dk | 890 l/dk |
| Pump Inlet-Outlet | 3" | 3" |
| Operating Pressure (max) | 7 bar | 7 bar |
| Head (max) | 70 m | 70 m |
| Sucking | 6 m | 6 m |
| Operating Temperature | -18 ~ +100°C | -18 ~ +100°C |
| Air Inlet | 3/4" | 3/4" |
| Particle Permeability | 8 mm | 8 mm |
| Weight | 49 kg | 51 kg |

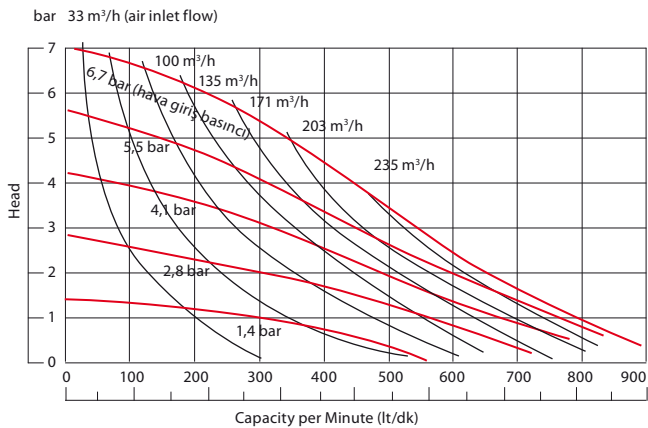
MATERIAL FEATURES

| | |
|-------------------|--|
| Body | Polipropilen (PP) ALUMINIUM STAINLESS STEEL NODULAR CAST IRON |
| Diaphragms | Santoprene Teflon EPDM Viton Buna-N Neoprene |



MIT 8900 (3") Plastic and Metal Pumps

Performance Curve



MIT HP Series High Pressure Pumps

MIT HJ Series hygienic pumps are used in industries like food, pharmaceutical and cosmetics. Clamp type connection is used. 316 L stainless steel is used for body material.

MIT HJ Series hygienic pumps does not thins the fluid its transferring and not effecting the chemical state of the fluid makes this pumps indispensable for transferring and storing milk, yogurt, cream, mustard, ketchup, mayo type of sensitive materials.

For transferring concentrated materials as chocolate, marmalade, air transfer pumps are suitable which are designed based on food regulations.



MATERIAL FEATURES

| | |
|-------------------|--|
| Body | SS 316 L |
| Diaphragms | Santoprene Teflon EPDM Neoprene |

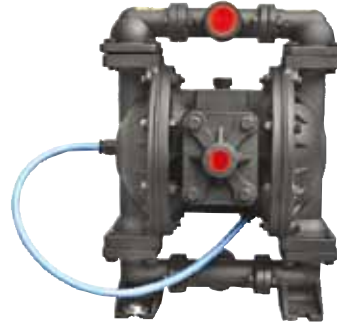
TECHNICAL FEATURES

| Model | Flow (lt/dk) | Pump Inlet-Outlet (inch) | Operating Pressure (max. bar) | Head (max. m) | Sucking (m) | Operating Temperature (°C) | Air Inlet | Particle Permeabilit (mm) | Weight (kg) | |
|-------------|--------------|--------------------------|-------------------------------|---------------|-------------|----------------------------|------------|---------------------------|-------------|------|
| MIT HJ 550 | ¾" | 55 | ¾" | 7 | 70 | 6 | -18 ~ +100 | ¼" | 3 | 6,5 |
| MIT HJ 1500 | 1" | 150 | 1" | 7 | 70 | 6 | -18 ~ +100 | ½" | 4 | 12,0 |
| MIT HJ 4000 | 1½" | 400 | 1½" | 7 | 70 | 6 | -18 ~ +100 | ¾" | 6 | 26,0 |
| MIT HJ 5600 | 2" | 560 | 2" | 7 | 70 | 6 | -18 ~ +100 | ¾" | 6 | 31,0 |
| MIT HJ 8900 | 3" | 890 | 3" | 7 | 70 | 6 | -18 ~ +100 | ¾" | 8 | 65,0 |



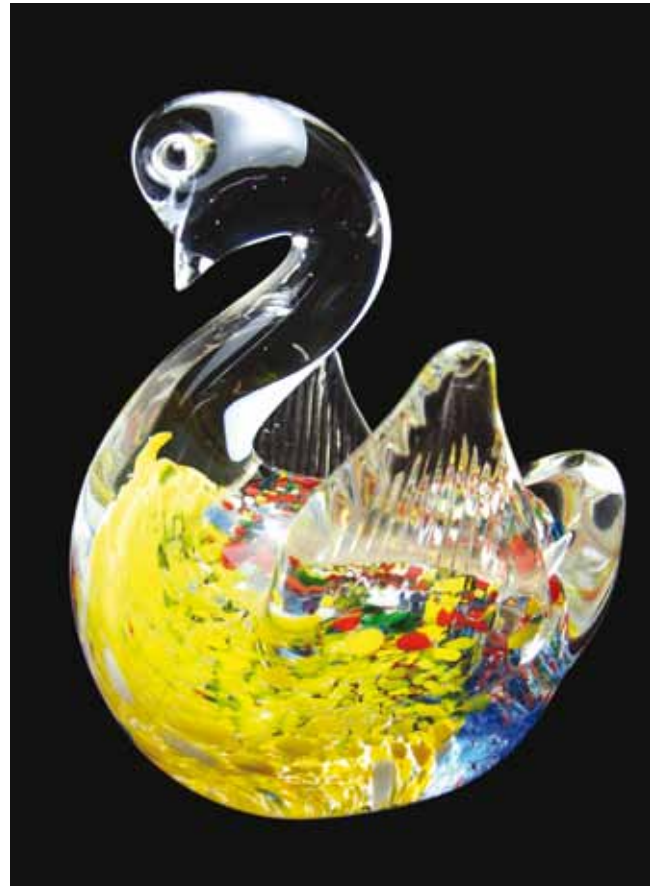
MIT HP Series High Pressure Pumps

MIT HP series high pressure pumps can be used in production with sawdust, boron oil transfer, painting cabinets, spraying waste, sediment and painting removal, car service stations, crankcase wastes and burned oil gathering, industrial waste and sewage water treatment plants pumping. It can also be used in non-fluid (cake, cream) material transfer. MIT HP series high pressure pumps most prominent feature is, its high exit pressure.



TECHNICAL FEATURES

| Model | Flow (lt/dk) | Pump Inlet-Outlet (inch) | Operating Pressure (max. bar) | Head (max. m) | Sucking (m) | Operating Temperature (°C) | Air Inlet | Particle Permeabilit (mm) | Weight (kg) | |
|-------------|--------------|--------------------------|-------------------------------|---------------|-------------|----------------------------|------------|---------------------------|-------------|------|
| MIT HJ 1000 | 1" | 70 | 1" | 7 | 140 | 6 | -18 ~ +100 | ½" | 4 | 10,0 |
| MIT HJ 1600 | 1½" | 160 | 1½" | 7 | 140 | 6 | -18 ~ +100 | ¾" | 6 | 27,0 |
| MIT HJ 2000 | 2" | 200 | 2" | 7 | 140 | 6 | -18 ~ +100 | ¾" | 6 | 34,0 |
| MIT HJ 3600 | 3" | 360 | 3" | 7 | 140 | 6 | -18 ~ +100 | ¾" | 8 | 55,0 |



50 Reasons for Choosing MIT

WHEN YOU BUY A MIT PUMP;

You will have a well-known brand all around the world.

WHEN YOU BUY A MIT PUMP;

You will have longest and most comprehensive warranty.

WHEN YOU BUY A MIT PUMP;

You will have fastest delivery time.

WHEN YOU BUY A MIT PUMP;

You will have the best quality.

WHEN YOU BUY A MIT PUMP;

You will have cheapest price.

WHEN YOU BUY A MIT PUMP;

You will work with main manufacturer.

WHEN YOU BUY A MIT PUMP;

You will have fastest spare part delivery time.

WHEN YOU BUY A MIT PUMP;

You will have fastest and largest service network.

WHEN YOU BUY A MIT PUMP;

You will have a good which has ISO, CE, GOST, TSE certificates.

OUR MIT PUMPS;

Designed for easy demontage and service.

AT OUR MIT PUMPS;

Dosage systems can be installed as per your request.

AT OUR MIT PUMPS;

Brand certificates are granted with CE and ISO Labels.

AT OUR MIT PUMPS;

We use stainless steel for hygienic materials.

AT OUR MIT PUMPS;

All our products are tested with precaution.

AT OUR MIT PUMPS;

We have montage foots to back up the pumps.

AT OUR MIT PUMPS;

Aggressive and corrosive resistant materials are used.

AT OUR MIT PUMPS;

Best quality materials are used for high resistance.

AT OUR MIT PUMPS;

Different gasket options are available.

AT OUR MIT PUMPS;

We make direct contact with manufacturer.

AT OUR MIT PUMPS;

We guarantee as producer.

AT OUR MIT PUMPS;

They are easily montaged.

AT OUR MIT PUMPS;

We offer different materials for different applications.

AT OUR MIT PUMPS;

We offer special pumps for applications.

AT OUR MIT PUMPS;

We offer different type of connection systems based on your applications.

AT OUR MIT PUMPS;

We offer different models of pumps based on your applications.

AT OUR MIT PUMPS;

Our experienced, friendly and solution based service personals are available 7/24.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You will make contact with experienced personals on pumps.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can contact global network based on sales in Turkey.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

We can supply side materials besides pumps.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

Sales are done by mechanical engineers precisely and traced very carefully.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You will have opportunity to work with a team who will be available all days and all hours.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

We offer quick solutions.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

Our first priority is customer pleasure.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get information about all your system not just pumps.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

Our exploration service will serve you the best solution.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You won't need to follow useless procedures.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get an exchanger education at you company or ours.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get large information and documentation support.

WHEN YOU WOULD LIKE TO BUY A MIT PUMP;

You can get consult us for your all problems.

Professional System Solution Center

You can take assistance about problems you have from MIT Plate Heat Exchanger Solution Center. Our solution center having qualified mechanical engineers will be happy to help you. These are some of the subjects that we can happily help you;

Steam installations

- Utility hot water installations
- Central and local heating systems
- Milk, yogurt, airan heating, cooling and pasteurization
- Industrial heating and cooling systems
- Oil cooling installations
- Energy recycle systems
- Pool heating systems



+90 444 35 46

In Plate Heat Exchanger systems, it is vital to setup the system correctly to get the desired capacity. That is why, when you set-up your system you can take needed assistance from first hand just using a phone (+90 444 35 46) for 7 days and 24 hours.

To make your system and heat exchangers work correct and full performance, we want to share the information we've had through the long years. It really is a big happiness for us.

We want to emphasize that again and again. Ekin Endüstriyel will continue being the best solution partner in every place where heat exchanger is used.



You are in exact point where quality,
experience and technology meet

Our Quality Certificates:





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