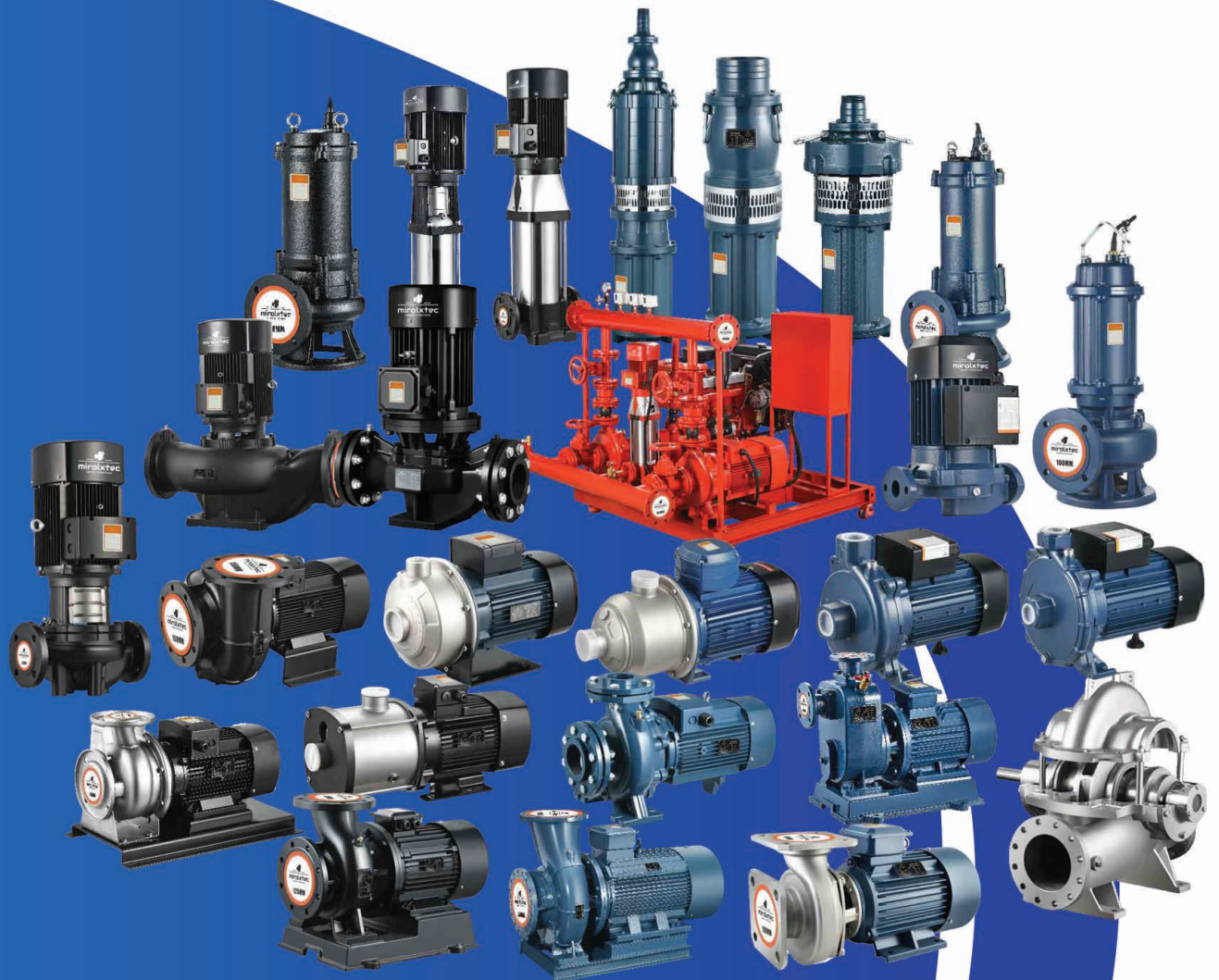


# PRODUCT CATALOG

Professional pump manufacturing



**mirolxtec**  
water treatment



Mirolex B.V

# COMPANY PROFILE

Mirolex B.V

## About us

Professional pump manufacturing

Mirolex B.V Ltd is company for water treatment, specialized in water treatment, filtration, portable water treatment and sewage.

Mirolex B.V always searching the satisfaction of its customers by providing them with the best quality of the products and the following up.

### COMPANY PROFILE

Founded to become the symbol of prestige, MIROLEX B.V acts in the field of environmental technologies; in turnkey contracting, designing, construction, equipment manufacturing and supply, installation and consultancy services. In all the solutions proposed, MIROLEX B.V considers impeccable, complete, true economical approaches of superior quality along with correct methods, prevailing details and functionality.

The company takes as part of its philosophy to conform the same sensitivity in all the tasks undertaken, regardless of the size.

Systems based on the scientific origins, commercial and technical principles and applications are the main elements that deliver energy to the company.

It is its reputation arose in the sector that designated the main target of the company as to compete by only itself on the track it is in.

Conscious by its adage "the most precious capital: the impression left on the customer" the company has been awarded by many motherland and abroad projects. Besides, the company carried its vision to further horizons by the experiences and observations gained in many countries.



### OUR CAPABILITIES

Our extensive range of technologies and services, coupled with its design and build capabilities meet the diverse needs of all municipal and industrial applications.

It has an unequalled portfolio of technologies that covers various industry sectors.







High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

## MTCDL(F) STAINLESS STEEL VERTICAL MULTISTAGE CENTRIFUGAL PUMP

### Technical data:

Capacity: 2~150m<sup>3</sup>/h  
 Head: 13~247m  
 Speed: 2900r/min  
 Power: 0.37~75KW(0.5~100HP)  
 DN: 25~ 125mm  
 Material: SS304 / SS316

### Application:

CDL is suitable for non-corrosive liquids, CDLF is suitable for mildly corrosive liquids.

- **Water Supply:** Water plant filtration and transmission, water plant zoning water delivery, main booster, high-rise building booster.
- **Industrial Pressurization :** Process water systems, cleaning systems high-pressure flushing systems, fire-fighting systems.
- **Industrial fluid transfer :** Cooling and air conditioning systems, boiler feed and condensing systems, machine tool sets, acids and alkalis.
- **Water treatment:** Ultrafiltration systems,reverse osmosis systems distillation systems, separators, swimming pool.
- **Irrigation:** Agricultural irrigation, sprinkler irrigation, drip irrigation.



## MTTD SINGLE-STAGE IN-LINE CIRCULATION PUMP

### Technical data:

Capacity: 8~900m<sup>3</sup>/h  
 Head: 9~85m  
 Power: 0.75~200KW(1~300HP)  
 Speed: 2900r/min, 1450 r/min  
 DN: 32~ 300mm  
 Material: Cast Iron

### Application:

This series of products is suitable for use in clean, thin, non-aggressive, non-flammable and explosive liquids that do not contain any solid particles and fibers that could cause mechanical or chemical damage to the pump.

- Boiler feed water.
- Subdivision district water supply systems.
- Cell or block central heating systems.
- Water circulation systems for central air-conditioning for cooling purposes.
- Washing systems.
- Domestic hot water systems.
- General industrial water system.







High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

## MTMHI STAINLESS STEEL HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP

### Technical data:

Rated Capacity: 2~16m<sup>3</sup>/h  
 Rated Head: 20~33m  
 Max Capacity: 5~26m<sup>3</sup>/h  
 Max Head: 22~48m  
 Power: 0.37~2.2KW(0.5~3HP)  
 Speed: 2900r/min  
 DN: 25~50mm  
 Material: SS304

### Application:

- Water supply and pressurization.
- Hot water circulation and heating system.
- Air conditioning system.
- Industrial circulation system.
- Wash and spray irrigation system.
- Various machine matching.



## MTCMI STAINLESS STEEL HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP

### Technical data:

Capacity: 1~20m<sup>3</sup>/h  
 Head: 8~63m  
 Power: 0.25~4KW(0.35~5.5HP)  
 Speed: 2900r/min  
 Inlet and outlet DIM: G1~G2  
 Material: SS304

### Application:

- Water treatment.
- Industrial washers and dishwashers.
- Process water pressurization, garden sprinkler irrigation.
- Industrial process water heating and cooling.
- machine tool cooling, lubrication.
- Air-conditioning systems, chillers.
- Air freshening, humidification equipment.
- Water supply and pressurization.
- Fertilizer application, metering systems.





High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

## MTCA(B)/MTCAG(B)

HORIZONTAL STAINLESS STEEL CENTRIFUGAL PUMP



### Technical data:

Capacity: 12.5~320m<sup>3</sup>/h  
 Head: 13~68m  
 Power: 1.1~90KW(1.5~122HP)  
 Speed: 2900r/min  
 DN: 32~150mm  
 Material: SS304

### Application:

Industrial and urban water supply and drainage, high-rise building water pressure, garden sprinkler irrigation, fire-fighting pressure, long-distance transmission, HVAC refrigeration cycle, bathrooms and other cold and warm water circulation pressure and equipment.

## MTMS

HORIZONTAL SINGLE-STAGE CENTRIFUGAL PUMP



### Technical data:

Rated Capacity: 4~15m<sup>3</sup>/h  
 Rated Head: 13~25m  
 Max Capacity: 4.8~31m<sup>3</sup>/h  
 Max Head: 15.4~30.4m  
 Power: 0.37~2.2KW(0.5~3HP)  
 Speed: 2900r/min  
 DN: 32~50mm  
 Material: SS304

### Application:

- Domestic water supply.
- Water treatment.
- Water circulation system.
- Gardens for drip irrigation, water sprinklers, water fountains, etc.
- Pressurization and pumping of clean water.
- Food & beverages industry.
- Pharmaceutical and biotech industry.

## MTYST

STANDARD CENTRIFUGAL PUMP



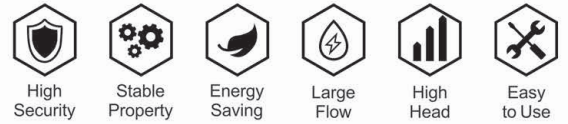
### Technical data:

Max Capacity: 18~ 400m<sup>3</sup>/h  
 Max Head: 17.5~144m  
 Power: 0.75~90KW(1~120HP)  
 Speed: 2900r/min  
 DN: 32~150mm  
 Stainless Steel /  
 Cast Iron Impeller

### Application:

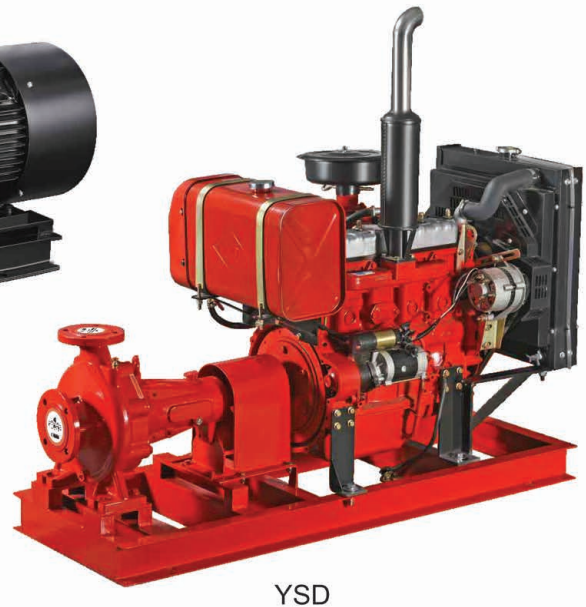
- Water Supply.
- Pressure Boosting.
- Industrial Water.
- Agricultural Water.
- Irrigation.
- Central Air-conditioning Circulation.
- Fire-fighting Water Supply.





# MTYS/MTYSM/MTYSD

END SUCTION  
CENTRIFUGAL PUMP



**Technical data:**

Capacity: 0~ 1000m<sup>3</sup>/h                      Head: 0~164m  
 Power: 1.5~315KW(2~422HP)              Speed: 2900r/min  
 DN: 32~200mm  
 Stainless Steel /Cast Iron Impeller

**Application:**

- Water Supply.
- Irrigation.
- Industrial Water.
- Central Air-conditioning Circulation.
- Pressure Boosting.
- Fire-fighting Water Supply.
- Agricultural Water.

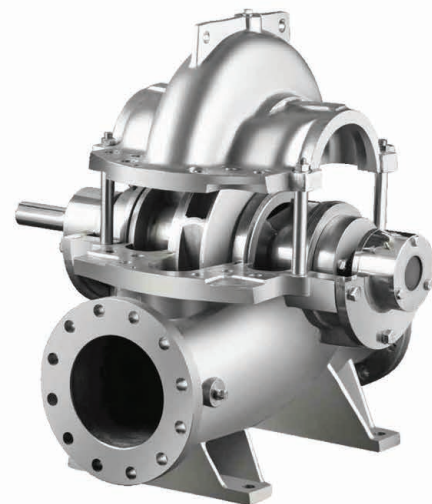
# MTYSC SPLIT-CASE PUMP

**Technical data:**

Max Capacity: 11160m<sup>3</sup>/h                      Max Head: 200m  
 Power: 2.2~2000KW(3~2682HP)              Speed: 2900r/min, 1450r/min  
 DN: 80~900mm  
 Material: Cast Iron/Nodular Cast Iron/Cast Steel/ Stainless Steel

**Application:**

- Water plant water supply; Urban drainage and agricultural irrigation.
- Power plant circulating water; Water supply of hydropower station.
- Water supply and drainage of industrial and mining enterprises.
- Central air conditioning circulating water; Marine industry water.
- Various industrial process water, etc. Conveying corrosive media.
- Seawater desalination, steel mill debrine, brine transportation, etc.
- Conveying high temperature medium; Heat supply network circulating water, etc.



# MTIRG / MTISW / MTIHG / MTIHW

Single-stage Inline Centrifugal Pump

**Technical data:**

Capacity: 3.6~1200m<sup>3</sup>/h  
 Head: 5~180m  
 Power: 0.75~250KW(1~335HP)  
 Speed: 2900r/min, 1450r/min  
 DN: 25~400mm  
 NSK Bearing, 304 Stainless Steel Welded Shaft,  
 High Temperature Mechanical Seal

**Application:**

Metallurgy, chemical industry, textile, wood processing, paper making, hotels, bathrooms, hotels and other boiler high-temperature hot water pressurized circulation and delivery, as well as urban residential heating cycle.



High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use



# MTYSG / MTYSW

DRY GRINDING RESISTANCE INLINE CENTRIFUGAL PUMP

**Technical data:**

Capacity: 3.6~143m<sup>3</sup>/h      Head: 10~80m  
 Power: 0.75~7.5KW(1~10HP)  
 Speed: 2900r/min      DN: 25~125mm  
 NSK Bearing, 304 Stainless Steel Welded Shaft,  
 High Temperature Mechanical Seal.

**Application:**

Metallurgy, chemical industry, textile, wood processing, paper making, hotels, bathrooms, hotels and other boiler high-temperature hot water pressurized circulation and delivery, as well as urban residential heating cycle.

# MTLT / MTWLT

CLOSED COOLING TOWER SPECIAL PUMP

**Technical data:**

Capacity: 35~350m<sup>3</sup>/h  
 Head: 3~8m  
 Power: 0.75~15KW(1~20HP)  
 Speed: 2825r/min, 1450r/min  
 DN: 65~200mm  
 NSK Bearing, 304 Stainless Steel Welded Shaft,  
 High Temperature Mechanical Seal

**Application:**

- Water circulation in closed cooling towers and condensers.
- Cooling for various machines and equipment.
- Normal water supply.







High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

## MTPH SMALL PIPE PUMP



### Technical data:

Rated Capacity: 2~18.5m<sup>3</sup>/h  
 Max Capacity: 3.6~28m<sup>3</sup>/h  
 Rated Head: 2.5~20m  
 Max Head: 3.5~30m  
 Speed: 2900r/min  
 Power: 40~2200W(0.05~3HP)  
 DN: 25~65mm

### Application:

- Hot water circulation and heating systems.
- Air conditioning systems.
- Industrial Circulation Systems.
- Domestic Water Pressurization.

## MTPUN CENTRIFUGAL BOOSTER PUMP

### Technical data:

Rated Capacity: 3~16m<sup>3</sup>/h      Max Capacity: 5~28m<sup>3</sup>/h  
 Rated Head: 10~20m              Max Head: 16~24m  
 Power: 200~1500W(0.27~2HP)  
 Speed: 2900r/min                  DN: 25~40mm

### Application:

- Various machine matching.
- Home and garden water supply.
- Small HVAC circulation system.



## MTCPM CENTRIFUGAL PUMP



### Technical data:

Max Capacity: 3.5~73m<sup>3</sup>/h  
 Max Head: 14~33m  
 Power: 0.37~2.2KW(0.5~3HP)  
 Speed: 2900r/min  
 DN: 25~100mm

### Application:

- Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.
- Widely used in domestic and civil applications such as garden irrigation, vegetable greenhouse water supply, breeding industry water supply and drainage, various corollary equipment, etc.



High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

## MTHSF SERIES SPECIAL SEAWATER PUMP



### Technical data:

Rated Capacity: 25~120m<sup>3</sup>/h      Max Capacity: 65~160m<sup>3</sup>/h  
 Rated Head: 13.5~25m                      Max Head: 17~33.5m  
 Power: 1.5~11KW(2~15HP)  
 Speed: 2900r/min                              DN: 100 & 150mm  
 304 Stainless Steel Pump Body & Impeller, NSK Bearing,  
 304 Stainless Steel Welded Shaft, Mechanical Seal

### Application:

Seawater Desalination, Mariculture, Chemical & Pharmaceutical, Industrial Effluent, Sewage Treatment.

## MTBZ SELF-PRIMING CENTRIFUGAL PUMP FOR CLEAN WATER



### Technical data:

Capacity: 10~100m<sup>3</sup>/h                              Head: 15~50m  
 Suction Head: 5-7m                              Power: 1.5~22KW(2~30HP)  
 Speed: 2900r/min                                  DN: 40~100mm  
 NSK Bearing, 304 Stainless Steel Welded Shaft,  
 High Temperature Mechanical Seal

### Application:

City environmental protection, greenhouse sprinkler irrigation, construction, fire, chemical, pharmaceutical, dyes and printing and dyeing, brewing, electric power, electroplating, paper-making, petroleum, mining, equipment cooling and so on.

## MTZW DIRECT COUPLING TYPE SELF-PRIMING CENTRIFUGAL PUMP FOR SEWAGE



### Technical data:

Capacity: 8~180m<sup>3</sup>/h                              Head: 14~55m  
 Suction Head: 5-7m                              Power: 1.5~22KW(2~30HP)  
 Speed: 2900r/min, 1450r/min                  DN: 40~100mm  
 NSK Bearing, 304 Stainless Steel Welded Shaft,  
 High Temperature Mechanical Seal

### Application:

Municipal sewage treatment, domestic sewage, greenhouse sprinkler irrigation, construction, fire, chemical, pharmaceutical, dyeing and printing and dyeing brewing, electric power, electroplating, paper-making, petroleum, mining, equipment cooling and so on.





High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

## MTYPM PERIPHERAL PUMP

### Technical data:

Rated Capacity: 1.8~2.8m<sup>3</sup>/h      Max Capacity: 3~4.2m<sup>3</sup>/h  
 Rated Head: 20~30m                      Max Head: 60~85m  
 Max Suction Head: 8m                    Power: 0.6~1.1KW(0.8~1.5HP)  
 Speed: 2900r/min                        DN: 25mm

### Application:

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties.
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.



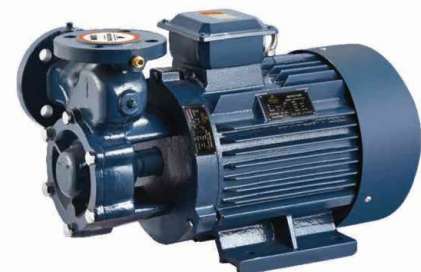
## MTW VORTEX PUMPS

### Technical data:

Capacity: 2~10m<sup>3</sup>/h  
 Head: 20~30m  
 Power: 2.2~15KW(3~20HP)  
 Speed: 2900r/min  
 DN: 25~50mm



Thread Connection Type



Flange Connection Type

### Application:

This pump has advantages of small volume, light weight, simple structure, easy installation, etc. It is an ideal high-efficiency and energy-saving type electric pump. It is suitable for small boiler water supply, high-rise building watering, and also widely used in shipbuilding, light textile, chemical industry, metallurgy, machinery manufacturing, aquaculture, solid fire pressure stabilization, heat exchange unit, agricultural remote sprinkler irrigation and other occasions.

## MTJET/MTJSW

SELF-PRIMING PUMP

### Technical data:

Max Capacity: 50~80L/min  
 Max Head: 38~55m  
 Max Suction Head: 8~9m  
 Power: 0.55~1.5KW(0.75~2HP)  
 Speed: 2900r/min  
 DN: 25mm



### Application:

Suitable for transferring water without abrasive particles or other liquid whose properties are similar to water. Widely used in well water lifting, garden irrigation, vegetable greenhouse water supply, breeding industry water supply and drainage, pipeline boosting, etc.



High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

## MTQY OIL-IMMERSED MULTISTAGE SUBMERSIBLE PUMP



### Technical data:

Capacity: 10~450m<sup>3</sup>/h  
 Head: 4~220m  
 Power: 2.2~22KW(3~30HP)  
 Speed: 2860r/min  
 DN: 50~250mm

### Application:

Drainage and irrigation , well irrigation, sprinkler irrigation of farmland and garden; water lifting from wells, water tower water delivery; water logging and flood control; drainage of the bottom of ships' warehouses; water supply and drainage of urban construction, industry and mines.

## MTWQK CUTTING SUBMERSIBLE SEWAGE PUMPS



### Technical data:

Capacity: 7~220m<sup>3</sup>/h  
 Head: 9~55m  
 Power: 1.1~15KW(1.5~20HP)  
 Speed: 2860r/min  
 DN:50~200mm

### Application:

- WQK Cutting Submersible Sewage Pumps is mainly used for engineering sewage and domestic sewage.
- Used in construction sites, engineering foundation construction, municipal facilities and waterworks.
- Underground sewage discharge in basements, civil air defense pits and subways of various high-rise buildings.
- Sewage treatment and circulating water transportation in small and medium- sized enterprises.
- Slag slurry pumping in food, paper making, brewing, iron and steel, nonferrous metals, leather making, textile, pharmaceutical, cement plants and other factories and mines.
- Chicken farms, pig farms, various breeding industries, fish ponds are used for pumping water, clearing ponds and oxygenation. In septic tanks are used for pumping human, animal excrement and urine.





High Security



Stable Property



Energy Saving



Large Flow



High Head



Easy to Use

# MTWQ/MTJYWQ

SUBMERSIBLE SEWAGE PUMP

### Technical data:

Capacity: 7~220m<sup>3</sup>/h      Head: 9~55m  
 Power: 0.75~90KW(1~120HP)  
 Speed: 2860r/min, 1450r/min, 980r/min  
 DN: 50~500mm

### Application:

Widely used in industry, agriculture, mining, civil construction, municipal environmental protection and other places. It is the ideal equipment for pumping mud, grey slurry, domestic wastewater, sewage manure and solid particles containing short fibre, paper, mud and sand, as well as for rural drainage and irrigation and dredging of lotus ponds.



# MTDGWQ

DOUBLE-KNIFE HIGH HEAD CUTTING SUBMERSIBLE SEWAGE PUMP

### Technical data:

Capacity: 6~10m<sup>3</sup>/h      Head: 10~28m  
 Power: 0.75~2.2KW(1~3HP)      Speed: 2860r/min  
 DN: 50mm

### Application:

- Used in construction sites, engineering foundation construction, municipal facilities and waterworks.
- Underground sewage discharge in basements, civil air defense pits and subways of various high-rise buildings.
- Sewage treatment and circulating water transportation in small and medium- sized enterprises.
- Slag slurry pumping in food, paper making, brewing, iron and steel, nonferrous metals, leather making, textile, pharmaceutical, cement plants and other factories and mines.
- Chicken farms, pig farms, various breeding industries, fish ponds are used for pumping water, clearing ponds and oxygenation. In septic tanks are used for pumping human, animal excrement and urine.



# MTQDX

SMALL SUBMERSIBLE PUMP

### Technical data:

Capacity: 1.2~80m<sup>3</sup>/h      Head: 6~38m  
 Power: 0.25~3KW(0.35~4HP)      Speed: 2900r/min  
 DN: 25~100mm






### Application:

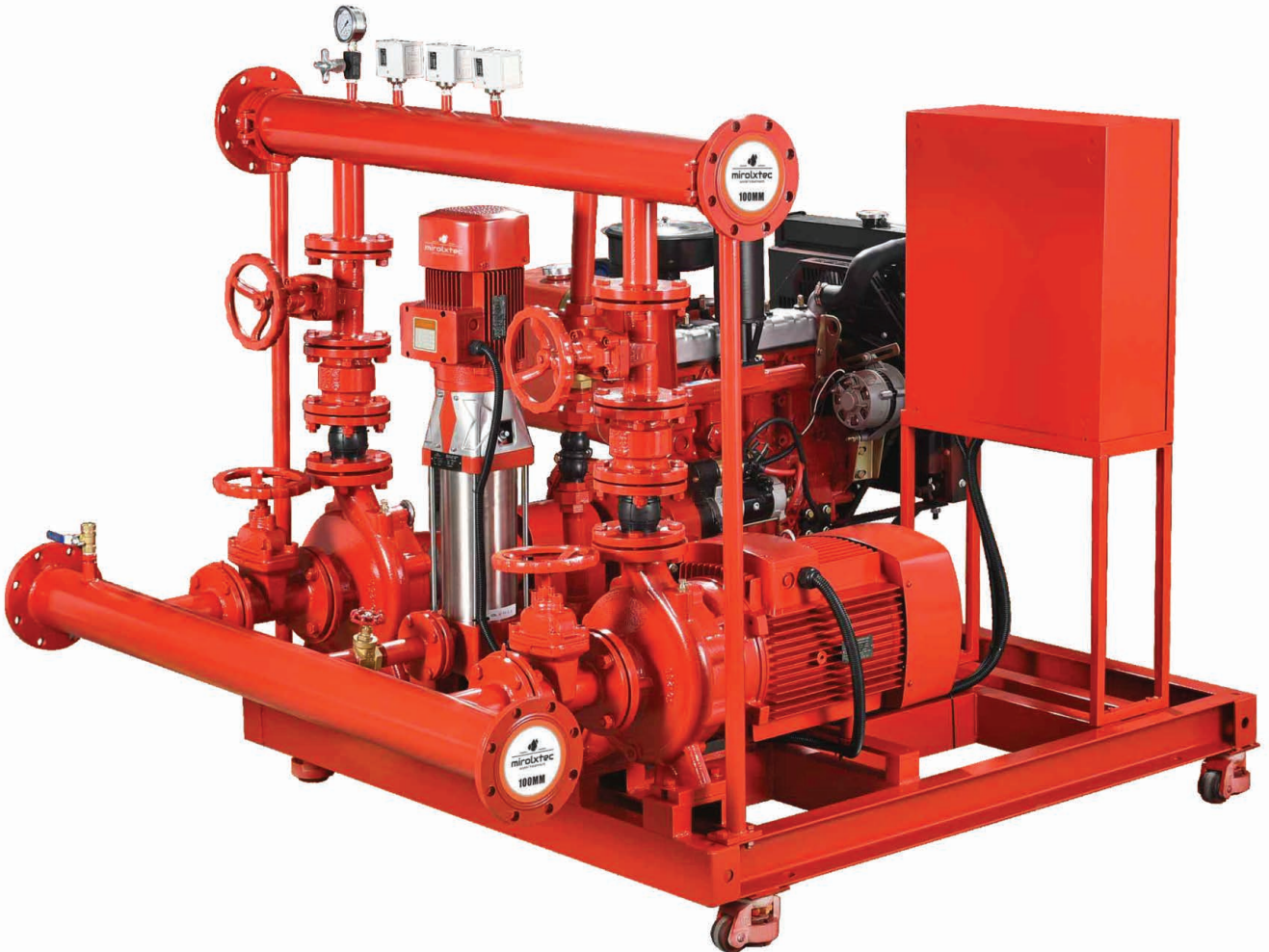
- Rural well pumping.
- Agricultural irrigation.
- Garden watering.
- Household water.
- Drainage of industrial water.
- Building construction water supply and drainage and aquaculture.



# MTYEDJ

FIRE FIGHTING SYSTEM

-   
 High Security
-   
 Stable Property
-   
 Energy Saving
-   
 Large Flow
-   
 High Head
-   
 Easy to Use



**Technical data:**

MTYEDJ: Fire pump set consists of Electric pump+Diesel pump+Jockey pump and all accessories  
 MTYDJ: Fire pump set consists of Diesel pump+Jockey pump and all accessories  
 MTYEJ: Fire pump set consists of Electric pump+Jockey pump and all accessories  
 MTYEEJ: Fire pump set consists of Electric pump+ Electric pump+Jockey pump and all accessories  
**Capacity: 50~1500GPM**  
**Head: 6~14Bar**  
**Speed: 2900r/min**  
**DN: 50~150mm**

**Description:**

Fire pumps are designed for whole operational life, the maximum reliability is always the first priority  
 The components affixed onto a steel framing structure  
 Each controller has its own individual pressure sensing line  
 The suction line should never include a strainer  
 Check valve and butterfly valve in the discharge line  
 NFPA 20 not allows suction from negative level for end suction and split case pumps



# CONTROLLER

## Description:

- Equipped with Smartgen display screen, integrates digitalization, intellectualization and network technologies for precise data measurement, alarm protection, remote control, measuring and communication
- DOL or Star Delta starter
- All controllers completely assembled, wired, and tested
- Self-acting to start, run, and protect the driver
- Automatic or manual operation options

## Application:

Fire pump controllers are used to monitor and to start and stop fire pumps.



## Other accessories:

 Suction and discharge line	 Brass gate valve Brass check valve	 Pressure gauge	 Pressure switch
 Os&y valve	 Gate valve	 Check valve	 Flexible joint
 Battery	 Pressure tank	 Coupling	 Fuel tank
 Muffler	 Air filter	 Radiator	 Solenoid



## **Mirolex B.V**

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Mirolex B.V reserves all the right of products modification without prior notification.