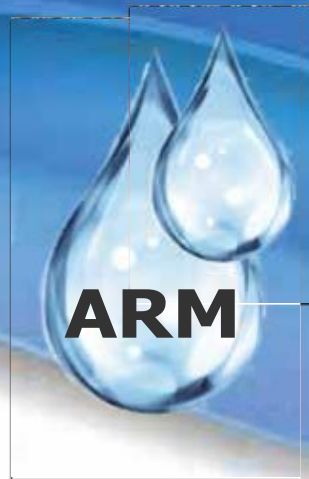


PRODUCTS OVERVIEW



ARM ENGINEERING

TODAY'S TECHNOLOGY FOR TOMORROW'S WATER & WASTE WATER SOLUTION IN BANGLADESH

Hotline: +88 01671-761313 / +88 01971-761313

Email: armengineering.office@gmail.com

EFFLUENT TREATMENT PLANT

ZERO LIQUID DISCHARGE PLANT

For Energy Efficiency

Innovative engineering concepts along with a diligent team and latest technology have helped us carve a niche for ourselves in the ETP industry. We have gained immense appreciation among our clients, owing to the features such as high quality, low maintenance, easy installation and durability offered by our entire range.



ETP & ZERO LIQUID DISCHARGE PLANT Equipments



DISC DIFFUSER

High grade EPDM, silicon materials

Support Dish: ABS
Diameter: up to 13 Inch
Connection: 3/4" PT
Operation Temp: up to 100°C

APPLICATIONS

- Municipal wastewater treatment
- Aeration of fish pond
- Aeration of streams and lakes
- Sludge stabilization



DISK DIFFUSER COURSE

High grade EPDM, silicon materials

Support Dish: PVC
Length: up to 1000 mm
Diameter: 66 mm
Connection: 3/4" PT
Operation Temp: up to 100°C

APPLICATIONS

- Municipal wastewater treatment
- Aeration of fish pond
- Aeration of streams and lakes
- Sludge stabilization



SS Horizontal Single stage Centrifugal Pump

Material: SS-304

APPLICATIONS

- Chemical Transfer Pump
- Industrial Water
- General Industry
- Treated water Transfer pump



FILTER PRESS

Plate size: As per requirement
Filter plates: As per requirement
Chambers: As per requirement
Cake thickness: As per requirement
Chamber volume: As per requirement
Feeding pressure: Up to 10 bar

APPLICATIONS

- Sewage treatment plants
- Effluent treatment plants
- Dirty water in industry

WTP, RO & Swimming Pool Accessories



MECHANICAL BAR SCREEN

FEATURES :

All typed making by SUS-304,
No public hazards, saving energy
Screen opening 3-20 mm
moreover we can customize the size
according to the customer's request .

APPLICATION S

- Waste water, civil discharges
- Industries, farms, paper-mills, tanneries
- Fish industries and so on .

ELECTROMAGNETIC FLOW METER

Electromagnetic Flow meter is composed of sensor and converter, works on Faraday" s electromagnetic indication principle

FEATURES :

- Fast response and high stability.
- High Accuracy, 0.5%, 0.2% for flow rate
- Dual cavity housing to separate electronics part from wiring part .
- AC power supply common use (85-265vac).
- High visible backlit LCD for easy operation .
- Communication: E. G. RS485, RS232C , HART, Profibus, MODBUS etc. BI-direction

measuring and totalizing

PLUNGER PISTON METERING PUMPS

PS1 pumps are plunger piston metering pumps featuring a spring return mechanism in an aluminium housing

FEATURES :

- Capacity: from 1,5 to 1000 L/ h
- Liquid end : PVDF, PTFE, EPDM , FPM and Ceramic.
- Max pressure: 20 BAR
- Stroke rate: 58 • 78 • 116 strokes/minute
- Piston diameter: from 6 to 64 mm
- Motor: standard 0.18 and 0.75 Kw (IP 55)
- Stroke length: 15 mm

SOLENOID DRIVE N DOSING PUMP

The innovative Tekna EVO series electronic metering pumps is the result of working closely with our world-wide customers. These multifunctional metering pumps maintain the high reliability that is synonymous with SEKO quality .

FEATURES :

- Capacity: from 1,5 to 102 L/ h
- Liquid end : PVDF, PTFE, EPDM , FPM and Ceramic
- Analogue and Digital range with constant or proportional dosing



PRESSURE TANK



TUBE MEDIA



PP MEDIA



GEAR MOTOR



BK SS PUMP



pH CONTROLLER

Roots Blower and Vacuum Pump



Roots Blower and vacuum pump was widely applied for Wastewater Treatment Aeration, Pneumatic-conveying (Vacuum), Aquaculture farm aeration (Oxygen dissolved increased), Air-mixed for Electroplating industry, etc .

TRUNDEAN

Roots blower three lobes reduce vibration and noise



ROOTS BLOWER

Three lobe pressure type

Bore: up to 16 Inch
Capacity: up to 360m³/ min
Pressure: up to 8000 mmA q
Power: up to 700 H P

Applications

- ETP, STP and Aquaculture,
- Electroplating Industry
- Paper, Chemical and Food Industry



VERTICAL ROOTS BLOWER

Three lobe pressure type

Bore: up to 16 Inch
Capacity: up to 360m³/ min
Pressure: up to 8000 mmA q
Power: up to 700 H P

Applications

- ETP, STP and Aquaculture,
- Electroplating Industry
- Paper, Chemical and Food



SUBMERSIBLE ROOTS BLOWER

Three lobe pressure type

Bore: up to 16 Inch
Capacity: up to 360m³/ min
Pressure: up to 8000 mmA q
Power: up to 700 HP

Applications

- ETP, STP and Aquaculture,
- Electroplating Industry
- Paper, Chemical and Food Industry



ROOTS VACUUM BLOWER

Three lobe pressure type

Bore: up to 16 Inch
Capacity: up to 360m³/ min
Pressure: up to 5000 mmAq
Power: up to 700 H P

Applications

- ETP, STP and Aquaculture,
- Electroplating Industry
- Paper, Chemical and Food Industry

Pumps and Pumping Systems



Base Mounted End Suction Pump

Duty

- Capacity: Up to 600m³/hr
- Head: Up to 150m
- Temp: up to 120°C
- Delivery Size: DN 32-DN 150

Design Features

- Mounting: Horizontal
- Stage: Single
- Back pullout design.
- Single-stage low-pressure centrifugal pump with axial suction, in accordance with EN 733 and ISO 5199
- Design Pressure: 16 Bar

Applications

- General industry
- Water Supply
- Fire Fighting
- Buildings Services
- Ports and Docks
- Spray irrigation

Material of Construction

- Casing- Cast Iron, Bronze
- Impeller- Cast Steel, Bronze, SS, Duplex SS and Special alloys



Self priming non clog pump

Duty

- Capacity: Up to 266 m³/hr
- Head: Up to 34 m
- Temp: up to 100°C
- Delivery Size: DN 40-DN 150

Design Features

- Mounting: Horizontal
- Stage: Single
- Open Impeller
- Self priming and back pull out design for easy maintenance
- Design Pressure: 10 Bar

Applications

- Water supply from borehole
- Sprinkling and Irrigation
- Pressure Boosting
- Process Water supply

Material of Construction

- Casing- Grey Cast Iron, SS
- Impeller- Grey Cast Iron, Bronze, SS and Duplex SS



Multi-Pump Booster (VFD Based)

Duty

- Capacity: Up to 800 m³/hr
- Head: Up to 160 m
- Temp: up to 120°C
- Delivery Size: DN 32-DN 100

Design Features

- Multi-pump pressure boosting systems from two up to eight pumps in stainless steel construction,
- Fitted on a common Baseplate with vibration dampers
- Design Pressure: 25 Bar

Applications

- Pressure Boosting for Apartment, commercial complexes, hotels, industries, etc.

Material of Construction

- Casing- SS (304/316L)/Cast Iron
- Impeller- SS (304/316L)



Horizontal Split Case Pump

Duty

- Capacity: Up to 18000 m³/hr
- Head: Up to 270 m
- Temp: up to 120°C
- Delivery Size: DN 50-DN 1200

Design Features

- Horizontal inline design.
- Stage : One/ Two/Three
- Mechanical Seal
- Gland Packing

Applications

- General industry
- Chemical & process
- Water supply
- Building service/firefighting
- Irrigation/sprinkler system

Material of Construction

- Casing- Cast Iron
- Impeller- Cast Iron/Bronze



Submersible Pump

Duty

- Capacity: Up to 2500 m³/hr
- Head: Up to 580 m
- Temp: up to 40°C
- Delivery Size: DN 25-DN 400

Design Features

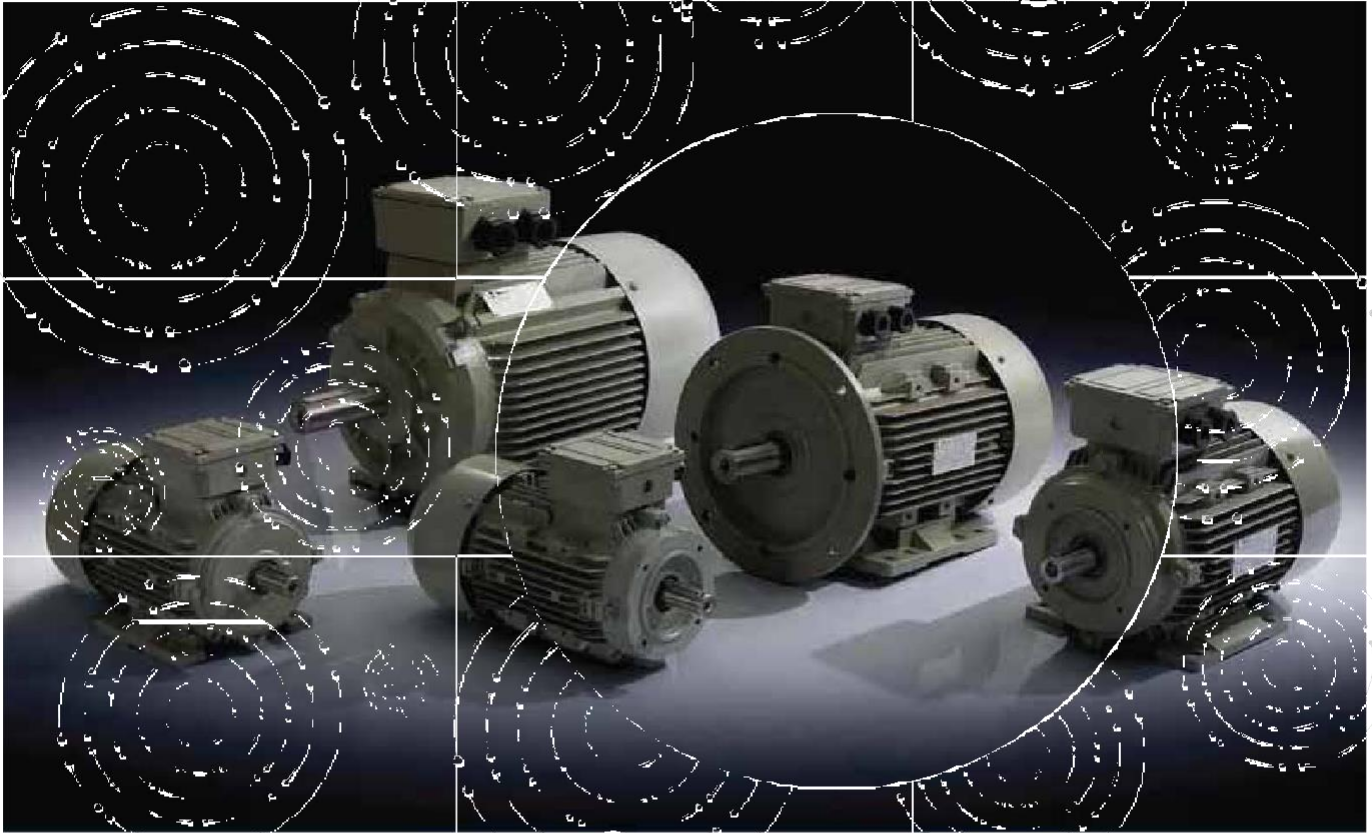
- Submersible multistage pumps
- Integrated non return valve
- Up to 20 starts per hour
- Max. Sand content 50 g/m³
- Protection Class: IP 68

Applications

- Waste Water Supply
- De-watering from trenches and pits
- Mud transfer
- Effluent transfer

Material of Construction

- Casing- Cast Iron
- Impeller- Cast Iron/Bronze



HIGH QUALITY MOTOR WITH COMPETITIVE PRICE IE1, IE2 & IE3 Series Available



Introduction:

These three phase motors are made to IEC standards. These are superior motors having excellent power factors, efficiencies and starting torques.

Customer Benefits:

Water dust and vermin resistant
Quiet operation
Corrosion resistant
Reliable in country, city or factory environments
Very low power consumption
Superior life

Motor Features:

- IE1, IE2 and IE3 Series available
- Conform to the IEC Standard
- Utilize IP55 enclosures, other request
- High performance and energy efficient
- Heavy duty Japanese bearing
- Dust and Vermin resistant
- Class F and H insulation available
- Up to 8 pole are available
- Power range: up to 700 kW
- Class F insulation, Class H available on request
- 380/415 Volt 50/60 Hz windings
- High quality magnet wire
- Vacuum varnish impregnation for superior tropic proof insulation
- Continuous SI operation
- Industrial type service factors
- High strength cast iron frame

ETP & ZERO LIQUID DISCHARGE PLANT Equipment's.

FRP VESSEL

Non-Clog Sewage Submersible Pump



APPLICATIONS

- Wastewater lift station, municipal wastewater treatment plant.
- Building wastewater treatment system,
- Piggery excrement, animal & poultry farm.
- School, hospital, community wastewater treatment system.
- Food, paper, mining, textile, leather industry wastewater treatment system.

SWIMMING POOL Accessories



SAND FILTER

FEATURED HIGHLIGHTS

- × Maximum working pressure 3.5 Bar.
- × Non Corrosive material.
- × Maximum operating temperature 50°C.
- × UV resistant surface.
- × Design for 4x safety factor.
- × Sizes available from 18" to 48" diameter.



POOL LIGHTS

FEATURED HIGHLIGHTS

- × Nice Aesthetic with ABS Body
- × Lamp life up to 50,000 Hours
- × Low Heating
- × High Quality Silicone Cable



CARTRIDGE FILTERS

FEATURED HIGHLIGHTS

- × NSF listed.
- × Continuous High Flow[®] internal air relief.
- × High Flow manual air relief valve.
- × Injection moulded tank.
- × 100% factory tested



POOL CLEANERS

FEATURED HIGHLIGHTS

- × Automatic in-ground pool cleaner.
- × Superior vacuum power and extra-wide mouth capture large & small debris with ease
- × Built-in bumper assures free movement around steps and hands-free operation
- × Installs in minutes without tools to skimmer



POOL PUMP

FEATURED HIGHLIGHTS

- × Self-priming pump for swimming pools.
- × Suitable for continuous free.
- × Swivel unions included for easy assembly.
- × Thermal protection on single phase unit.
- × Single body provides for quiet operation.
- × Performance with low power consumption.



WHITE GOODS

× ADMIRAL SKIMMERS

- × MAIN DRAIN
- × NOZZLES

OUR SOLUTION & SERVICES

- ¥Sinking Deep Tube-Well
- ¥Pumps and Pumping Systems
- ¥Surface Water Treatment Plant
- ¥Mobile Water Treatment Plant
- ¥Customized Drinking Water Treatment Plant
- ¥Membrane Based Desalination Water Treatment Plant for Home, Office and Industry
- ¥Ultra- Pure Water Treatment Plant for Pharmaceutical Industry
- ¥Complete Solution for Bottle/Jar Water, Swimming Pool and Spa Project
- ¥Wide Range of Roots Blower, Diffuser, Sewage Pump and Industrial Pump
- ¥Wide Range of Water and Waste Water Treatment Components
- ¥Wide Range of Water Treatment Chemicals
- ¥Rainwater Harvesting
- ¥Effluent Treatment Plant (ETP)
- ¥Wastewater Recycling Plant
- ¥Sewage Treatment Plant (STP)
- ¥Zero Liquid Discharge Plant (ZLD)
- ¥Consultancy Services



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