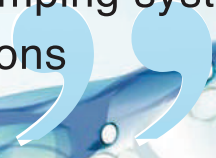


Renowned for the design and manufacture of high Booster pumps sets, Transfer pump sets, Automatic control panels for pumping systems and providing solutions





NEMA PUPMS is renowned for the design and manufacture of high quality pressure boosting pumps sets, Transfer pumps set, Fire fighting pump set and Providing complete solution to pumping industry. We manufacture control panels for various application like Transfer pumps, Booster pumps, Sewage Treatment plants, Chilled water systems etc., We also Stock and supply GRUNDFOS, EBARA, WILO, LOWARA, ESPA and PEDROLLO pumps, accessories for pumping systems like AQUA Pressure vessels, AQUA float switches and pressure control kits, mechanical seals, valves, In addition we also supply, install, commission water pumps for

- Domestic Applications
- Industrial Application
- Sea water
- Swimming pool
- Deep well pump
- Sewage and drainage
- Heating and Air conditioning
- Chemical transfer

## OUR MAJOR CLIENTS

- ADCB
- AUDI SHOW ROOM
- ETISALAT
- IBN BATTUTA MALL
- MAG
- MARMUM DIARY
- MERCATO MALL
- MEYDAN CRYSTAL
- SAIF ZONE – SHARJAH
- SHARJAH TV STATION



# Introduction

Our goal as a company is to remain at the forefront of technology with a philosophy of integrating four essential concepts as cornerstones in the development of our products: quality, innovation, energy saving and cutting-edge pumping solutions that blend to elevate the quality of modern society and life.

We are committed to creating technology that works in harmony with nature while constantly improving man's relationship with the environment. Our production processes are carefully structured to optimize energy, quality and reliability of our products. We work each and every day on innovation, believing firmly our technology and products must go hand-in-hand with full, total respect of society and life.

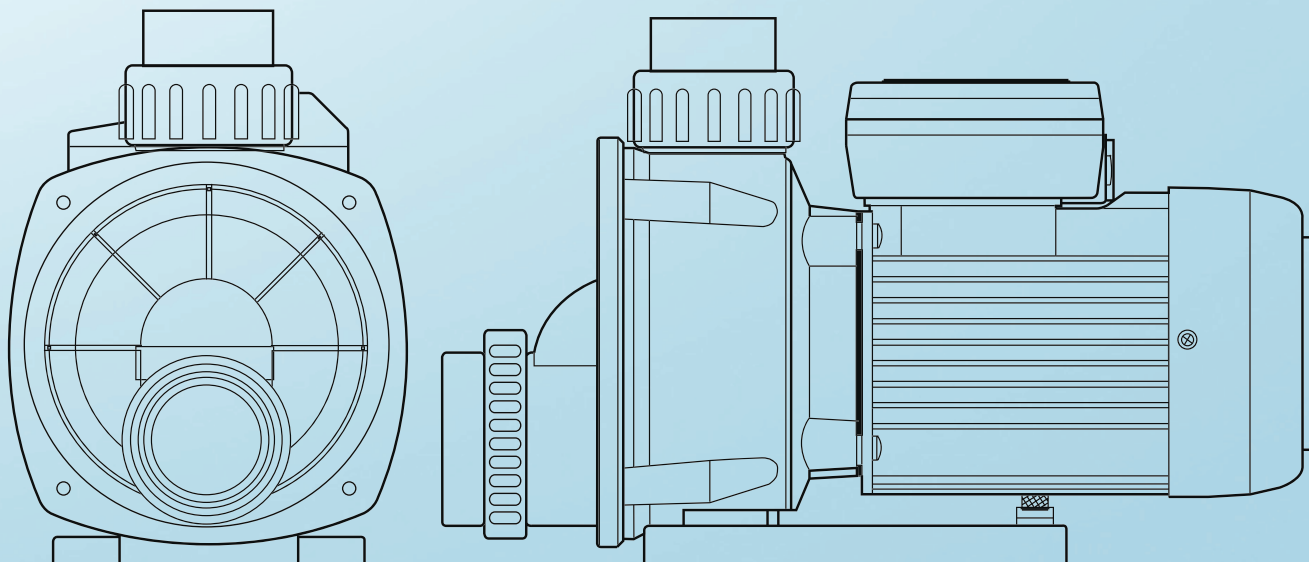
Quality is the keyword to every aspect of our operations and aspirations. We define this word as the ability to create products that earn the loyalty of our customers. This is precisely why we believe that Quality is essential in every aspect of our day-to-day operations including: the competence and skill of our employees, the use of superior materials and production processes, and the continuous development of new solutions aimed at achieving even higher standards.

# Objective

NEMA PUMPS is committed to satisfying our customers within the global market. Our objective is an important objective we pursue every day, beginning with our production and customer service philosophy. We only allow products driven by excellence to leave our factories, the results of cutting-edge technology and our expertise. We continue to pursue the development of superior products committed to sustainable social and economic development.

# Aim

Quality is the keyword to every aspect of our operations and aspirations. We define this word as the ability to create products that earn the loyalty of our customers. This is precisely why we believe that Quality is essential in every aspect of our day-to-day operations including: the competence and skill of our employees, the use of superior materials and production processes, and the continuous development of new solutions aimed at achieving even higher standards.



### DOMESTIC TRANSFER SETS



(Duty or 2 Duty or 3 Duty +Assist/ standby)

It is in galvanized steel/ channel base and manifolds are made of G.I./Copper/ Stainless steel. Each discharge and suction manifolds will be fitted with 2 numbers gate valve and one non return valve. Two pressure switches, automatic operation and a pressure gauge are mounted on it. On request, special version control panels like VFD, PLC can be used.

### DOMESTIC BOOSTER SETS



(Duty or 2 Duty or 3 Duty +Assist/ standby)

It is in galvanized steel/ channel base and manifolds are made of G.I./Copper/ Stainless steel. Each discharge and suction manifolds will be fitted with 2 numbers gate valve and one non return valve. Two pressure switches, automatic operation and a pressure gauge are mounted on it, along with suitable pressure vessels.

### FIRE FIGHTING SETS



Range of Fire Pump Set with Standard Models.  
Flow Rate Pressure 30-200 US GPM 3-10 bar.

### CONTROL PANELS AND SYSTEMS



Control Panel for Booster Pumps with DOL, Star Delta, Soft Starter, Transfer pumps, and Chilled Water Pumps, with Variable Frequency Drive(PLC). Arrangement: Duty + Standby, Duty + Standby + Jockey, 2Duty + Standby as Standard. Any configuration can be supplied on customer request.

### AQUA-PRESSURE VESSEL



Suitable for Potable water, Water heating and Hydro-Pneumatic well. Preset pressure 4 Bar. High-quality replaceable rubber bladder (max 70°C) acc. To DIN 4807-3- meets or exceeds EC norms for pressure vessels 97/23/CE, DIN EN 13831. Blue or any desired color. Durable powered coating finish.

### AQUA-FLOAT SWITCH



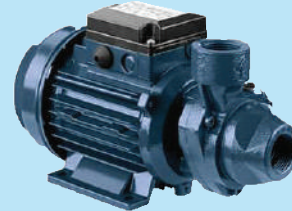
Maximum Operational Temperature: 50°C  
Protection Degree: IP68.  
Pollution Degree:2  
Features of Automatic action: 1 B(micro disconnection in operation).

### AQUA-PRESS CONTROL



Start-up pressure: 1.5-2.5 bar. Max. use pressure: 10 bar  
Maximum temperature of the water: 60°C  
Maximum flow rate: 10000 l/h  
Maximum current intensity: 10A  
IP65 Protection rating G1 connections (pump and outlet side)  
Power supply voltage: 220V±10%-50/60 Hz

### PERIPHERAL PUMPS



(Duty or 2 Duty or 3 Duty +Assist/ standby)  
It is in galvanized steel/ channel base and manifolds are made of G.I./Copper/ Stainless steel. Each discharge and suction manifolds will be fitted with 2 numbers gate valve and one non return valve. Two pressure switches, automatic operation and a pressure gauge are mounted on it, along with suitable pressure vessels.

### CENTRIFUGAL MONOBLOCK PUMPS



Flow rate: 450 LPM, Max head: 34 m  
Maximum Working pressure: 3.5 bar  
Total suction lift up to 8m, Continuous duty.  
Liquid temperature up to 60°C  
Ambient temperature up to 40°C

### CENTRIFUGAL MONOBLOCK PUMPS



Flow rate: 90 LPM  
Max head: 42 m  
Suction lift up to 7 m  
Fluid temperature up to +60°C  
Maximum ambient temperature: +40°C

### CENTRIFUGAL TWIN IMPELLER PUMPS



Flow rate: 165 LPM  
Max head: 66 m  
Suction lift up to 7 m  
Fluid temperature up to +60°C  
Maximum ambient temperature: +40°C

### SELF PRIMING PUMPS



Flow rate: 50 LPM, Max head: 45 m  
Suction/Discharge size: G1"  
Max. Suction head: 8 m  
Max. Working pressure: 6 bar  
Max. Working temperature: 45°C



**SELF PRIMING  
SS PUMPS**



Flow rate: 45 LPM, Max head: 50 m  
Suction/Discharge size: G1"  
Max. Working pressure: 6 bar  
Max. Working temperature: 45°C  
Max. Suction head: 8 m

**MICRO  
SS PUMPS**



Flow rate: 280 LPM  
Max head: 61 m  
The pumps are suitable for transporting clean media which are non-aggressive to stainless steel SUS304 or SUS316L.

**OPEN IMPELER  
SS PUMPS**



Flow rate: 1100 LPM  
Max head: 17.5 m  
Max. Solid diameter: 14 mm  
Liquid temperature: 15°C~+80°C. Can be connected with threaded tube or hose. This pump can be used at full head without overloading motor.

**MACRO  
SS PUMPS**



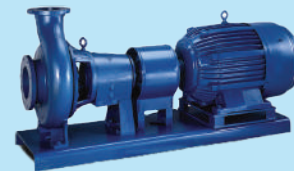
Flow rate: 2350 LPM, Max head: 72 m  
Max. Working pressure: 10 bar  
Mechanical seal working temperature:  
1. With NBR/ceramic/carbon: 80°C  
2. With Viton/ceramic/carbon: -20°C~+110°C  
3. With silicone rubber/ceramic/stainless steel: 20°C~+110°C

**VERTICAL  
MULTISTAGE PUMPS**



Flow rate: 120 m<sup>3</sup>/hr  
Max head: 240 m  
Liquid temperature:  
Ambient temperature -15°C~+70°C  
Hot water +70°C~+120°C  
Highest environmental temp.: +40°C  
Min. inlet pressure: according to NPSH curve + min. safe delivery 0.5 m water head. Hot and cold clean, non-flammable, non-explosive liquid without solid grain and fiber.

**END  
SUCTION PUMP**



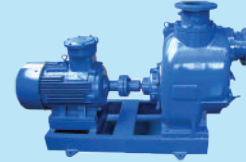
Flow rate (Q): 2-1100 m<sup>3</sup>/h  
Head (H): 2-152 m  
Speed: 1450~2900 rpm (50HZ), 1750~3500 rpm (60HZ)  
Temperature: -10°C to 105°C  
Working Pressure: 1.2 MPa standard, 1.6 MPa on request

**SPLIT  
CASE PUMP**



Max flow rate (Qmax): 800 l/s  
Max head (Hmax): 170 m  
Speed: 1450~2900 rpm (50HZ), 1750~3500 rpm (60HZ)  
Max. Temperature: 105°C  
Max. Pressure: 2.5 MPa on request  
Max. Solids: 76 mm

**NOVAX SELF PRIMING  
NON CLOG PUMP**



Flow rate (Q): 2-160 l/s  
Head (H): 4-60 m  
Speed: 1450~2900 rpm(50HZ), 1750~3500 rpm(60HZ)  
Temperature: ≤105°C  
Working Pressure: 0.6 MPa  
Max. Solids: 76 mm

**NOVAX BATH TUB PUMP**



Flow rate: 250 LPM, Max head: 11.5 m  
Suction, discharge and motor mountings are Techno polymer.  
Motor shaft in stainless steel AISI-420. Mechanical seal in graphite and steatite. Impeller in Techno polymer. Motor housing in aluminium L-2521. Windings impregnated with epoxy resin.

**NOVAX SWIMMING POOL PUMP**



Flow rate: 230 LPM  
Max head: 17.5 m  
Pump body, pump foot and diffuser in glass loaded Techno polymer. Impeller and seal mounting in Techno polymer. Motor shaft in stainless steel AISI 420. Mechanical seal in graphite and Ceramic. Motor housing in aluminum L-2521.

**NOVAX SWIMMING POOL PUMP**



Flow rate: 1300 LPM  
Max head: 18.5 meter  
Pump body, pump foot and diffuser in glass loaded Techno polymer. Impeller and seal mounting in Techno polymer. Motor shaft in stainless steel AISI 420. Mechanical seal in SiC-SiC. Motor housing in aluminum L-2521.

**NOVAX SWIMMING POOL PUMP**



Flow rate: 2500 LPM  
Max head: 21.0 m  
Prefilter, pump body in Techno polymer. Seal mounting, diffuser and Impellor in Techno polymer. Motor shaft in stainless steel AISI304. Mechanical seal in graphite and Ceramic. Motor housing in aluminum L-2521.

**NOVAX SWIMMING POOL PUMP**



Flow rate: 500 LPM  
Max head: 121.0m  
Pump body, pump foot and diffuser in glass loaded Techno polymer. Impeller and seal mounting in Techno polymer. Motor shaft in stainless steel AISI 420. Mechanical seal in SiC-SiC. Motor housing in aluminum L-2521.

**CENTRIFUGAL**



Flow rate: 2350 LPM, Max head: 22M  
Max. Working pressure: 10 bar  
Mechanical seal working temperature:  
1. With NBR/ceramic/carbon: 80°C  
2. With Viton/ceramic/carbon: -20°C~+110°C  
3. With silicone rubber/ceramic/stainless steel: 20°C~+110°C

**STAINLESS STEEL SEWAGE PUMP**



Flow rate: 900 LPM, Max head: 23 m  
MOC: SS 304  
Solid handling capacity: 50mm  
Mech. seal: NBR/ceramic/carbon: 40°C  
Insulation: CLASS F IP 68  
Discharge: 50 mm

**SEWAGE PUMPS**



Flow rate: 5000 LPM, Max head: 40 M  
Solid handling capacity: 76mm  
Mech. seal: NBR/ceramic/carbon: 40°C  
Insulation: CLASS F IP 68

**SUMP PUMP**



Flow rate: 350LPM, Max head: 18 M  
MOC: SS 304  
Solid handling capacity :10 mm  
Mech. seal: NBR/ceramic/carbon: 40°C  
Insulation: CLASS F IP 68





**GRUNDFOS** 

 **EBARA**

**wilo**

 **LOWARA**  
a xylem brand

 **PEDROLLO**  
...bringing water to life

 **ESPA**  
Innovative Solutions

**NEMA PUMPS INTERNATIONAL L.L.C**

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