



**Manufacturing and supplying**  
domestic and industrial pump products



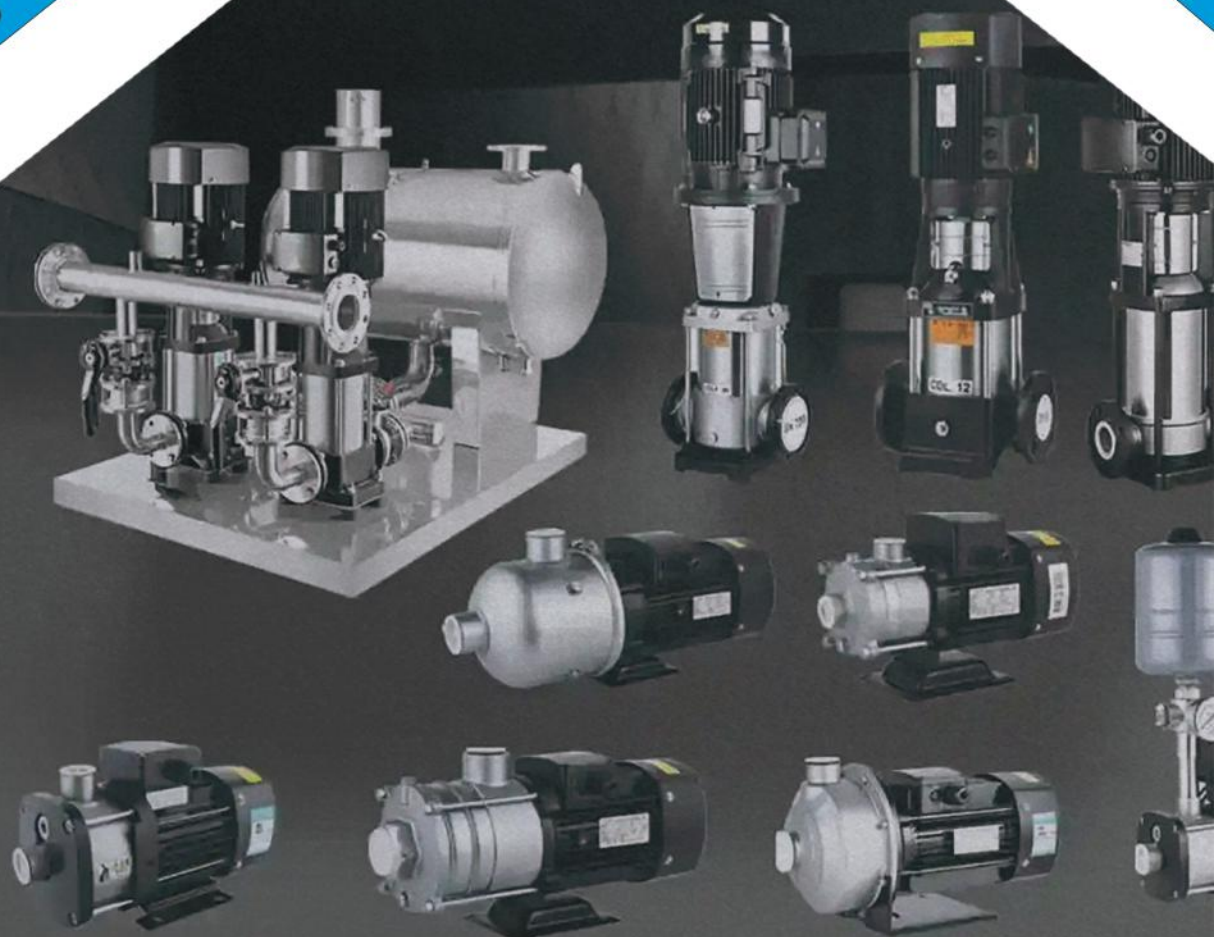
**MANA PUMP**  
**SAHAND**



# ABOUT US:

MANA PUMP SAHAND COMPANY IS ONE OF THE INDUSTRY LEADERS IN THE PRODUCTION AND SUPPLY OF HOUSEHOLD AND INDUSTRIAL PUMP PRODUCTS. WITH OVER ۲۰ YEARS OF EXPERIENCE IN THIS FIELD, MANA PUMP SAHAND IS RECOGNIZED AS A SUCCESSFUL EXAMPLE OF DEDICATION, QUALITY, AND INNOVATION IN THE PUMP MANUFACTURING INDUSTRY.

ONE OF THE IMPORTANT FEATURES OF MANA PUMP SAHAND IS ITS STRONG AFTER-SALES SUPPORT AND SERVICES, ENSURING THAT CUSTOMERS ALWAYS RECEIVE THE BEST AFTER-SALES SERVICE.



## TYPES OF HOUSEHOLD PUMPS



### JET PUMP

JET PUMPS ARE USED FOR WATER SUPPLY IN PLACES WHERE DEEP SUCTION IS NEEDED. THESE PUMPS CREATE A VACUUM TO LIFT WATER FROM WELLS AND DEEP SOURCES TO THE SURFACE.



### CIRCULATOR PUMP

CIRCULATOR PUMPS ARE USED FOR CIRCULATING HOT OR COLD WATER IN HOUSEHOLD HEATING AND COOLING SYSTEMS. THESE PUMPS KEEP WATER FLOWING CONTINUOUSLY IN THE SYSTEMS.



### MULTISTAGE PUMP

MULTISTAGE OR MULTI-IMPELLER PUMPS HAVE SEVERAL IMPELLERS THAT INCREASE WATER PRESSURE. THESE PUMPS ARE SUITABLE FOR HIGH-PRESSURE WATER SUPPLY IN HOMES AND GARDENS.

## **PERIPHERAL PUMP**

**PERIPHERAL PUMPS HAVE A SMALLER DESIGN AND ARE USED TO INCREASE WATER PRESSURE IN SMALL SYSTEMS LIKE WATER HEATERS AND WASHING MACHINES.**



## **HOUSEHOLD WATER PUMP WITH EXPANSION TANK**

**THESE PUMPS COME WITH AN EXPANSION TANK USED TO MAINTAIN CONSTANT PRESSURE AND PREVENT SUDDEN WATER SHOCKS IN HOUSEHOLD SYSTEMS.**



## **HOUSEHOLD WATER PUMP WITH AUTOMATIC SWITCH**

**THESE PUMPS HAVE AN AUTOMATIC SWITCH THAT TURNS ON AND OFF AUTOMATICALLY BASED ON WATER NEEDS AND PRESSURE, INCREASING EFFICIENCY AND SAVING ENERGY.**



# TYPES OF INDUSTRIAL PUMPS



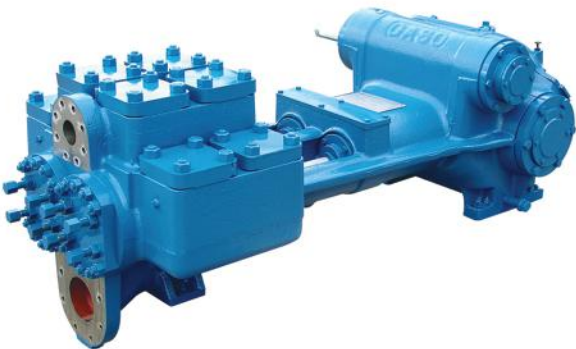
## CENTRIFUGAL PUMP

CENTRIFUGAL PUMPS MOVE LIQUIDS USING CENTRIFUGAL FORCE. THESE PUMPS HAVE IMPELLERS THAT ROTATE RAPIDLY, DIRECTING LIQUID FROM THE INLET TO THE OUTLET.



## RECIPROCATING PUMP

RECIPROCATING PUMPS USE THE BACK-AND-FORTH MOVEMENT OF A PISTON OR DIAPHRAGM TO MOVE LIQUIDS, MAKING THEM SUITABLE FOR HIGH-PRESSURE, LOW-FLOW APPLICATIONS.



## DIAPHRAGM PUMP

DIAPHRAGM PUMPS USE FLEXIBLE DIAPHRAGMS TO TRANSFER LIQUIDS. DUE TO THEIR HIGH RESISTANCE TO CHEMICALS AND ABILITY TO PUMP THICK AND CORROSIVE LIQUIDS, THESE PUMPS ARE WIDELY USED IN CHEMICAL, FOOD, AND PHARMACEUTICAL INDUSTRIES.



## **GEAR PUMP**

**GEAR PUMPS TRANSFER LIQUIDS USING GEARS. THESE PUMPS HAVE INTERNAL GEARS THAT ROTATE, GUIDING THE LIQUID FROM THE INLET TO THE OUTLET.**



## **SCREW PUMP**

**SCREW PUMPS OPERATE BY MOVING LIQUIDS FROM ONE CHAMBER TO ANOTHER USING A SCREW MOTION. THESE PUMPS ARE SUITABLE FOR TRANSFERRING HIGH-VISCOSITY LIQUIDS WITHOUT CAUSING HYDRAULIC SHOCKS AND ARE USED IN THE OIL, GAS, AND MARINE INDUSTRIES.**



## **LOBE PUMP**

**LOBE PUMPS MOVE LIQUIDS BY THE ROTATION OF LOBES. THESE PUMPS HAVE ROTATING LOBES THAT CARRY THE LIQUID FROM THE INLET TO THE OUTLET.**

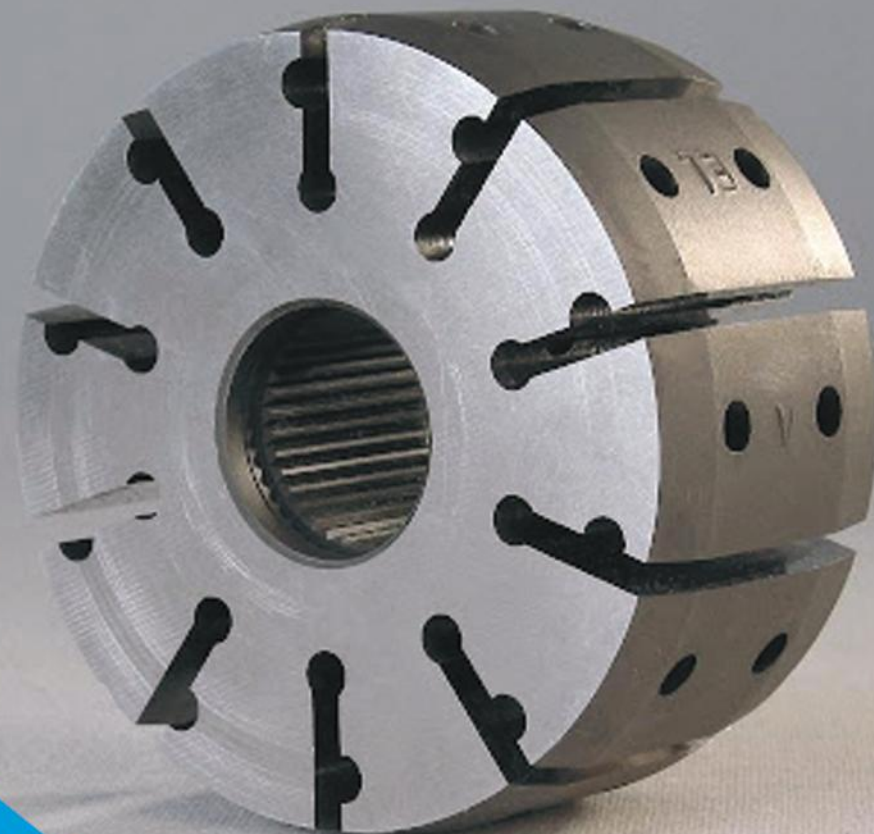




**PROGRESSIVE CAVITY PUMP**  
PROGRESSIVE CAVITY PUMPS  
TRANSFER LIQUIDS USING MOVING  
CAVITIES AND ARE SUITABLE FOR  
TRANSFERRING THICK LIQUIDS AND  
SUSPENDED SOLIDS. THEY ARE USED IN  
THE OIL AND GAS, MINING, AND FOOD  
INDUSTRIES.



**VANE PUMP**  
VANE PUMPS TRANSFER LIQUIDS  
THROUGH ROTATING VANES, GUIDING  
THE LIQUID FROM THE INLET TO THE  
OUTLET AND ARE SUITABLE FOR  
PUMPING FUELS AND OILS.



## **TURBINE PUMP**

**TURBINE PUMPS MOVE LIQUIDS USING TURBINE IMPELLERS. THESE PUMPS ARE SUITABLE FOR TRANSFERRING HIGH-PRESSURE, LOW-FLOW LIQUIDS AND ARE USED IN WATER SUPPLY SYSTEMS AND AGRICULTURAL INDUSTRIES.**



## **POSITIVE DISPLACEMENT PUMP**

**POSITIVE DISPLACEMENT PUMPS OPERATE BY MOVING A FIXED VOLUME OF LIQUID IN EACH CYCLE. THESE PUMPS ARE SUITABLE FOR TRANSFERRING HIGH-VISCOSITY LIQUIDS WITH HIGH PRECISION AND ARE USED IN CHEMICAL, PHARMACEUTICAL, AND FOOD INDUSTRIES.**





# PUMP PACKAGING

## CARTON PACKAGING

THIS PACKAGING TYPE INCLUDES STURDY CARDBOARD BOXES THAT PROVIDE GOOD PROTECTION AGAINST IMPACTS AND SCRATCHES. IT IS USUALLY SUITABLE FOR SMALL HOUSEHOLD AND INDUSTRIAL PUMPS.

## PLASTIC PACKAGING

THIS PACKAGING TYPE INCLUDES TRANSPARENT OR SEMI-TRANSPARENT PLASTIC BAGS OR BOXES USED TO PROTECT PUMPS FROM MOISTURE AND CONTAMINATION. PLASTIC PACKAGING IS LIGHTWEIGHT, DURABLE, AND SUITABLE FOR EASY AND QUICK TRANSPORT.





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