



### ALGO Profile

ALGO positions itself as not just a pump manufacturing company but as a dependable, technologically sound and one stop solution provider to meet the diverse needs of customers across the globe. Understanding the need of efficient and cost effective pumping solutions and fluid management systems ALGO is established by the veterans having more than 33 years of diversified experience.

To overcome the current challenges in providing energy efficient and complete pumping solutions and meet the requirement of discerning customers ALGO is determined to offer technologically integrated and inventive pumping systems & Solutions at affordable prices. With the vast experience gained in both domestic and international markets ALGO products are designed and produced with synergy of best in class technologies and processes with international standards. Most of its products are ISI certified and manufacturing facilities are accredited with ISO 9001 & 14001 COMPANY

ALGO stays abreast of the major changes worldwide in terms of technology and processes. This combines with the ability to understand customers' requirement allows for the development of products that meet the challenges of tomorrow.

ALGO has comprehensive range of products to cater Residential, Agriculture, Building services, Industrial & waste water segments. ALGO's highly qualified Engineers and technicians assure satisfactory service at all time

The ability & Impetus of ALGO in product development, Pricing, Promotion, e-commerce strategies will result in sustainable competitive advantages for all stake holders. We at ALGO always strive to focus on current industry trend and meet the next generation pumping requirements.

### Vision Mission Values

To provide technologically integrated and ultramodern fluid management systems and solutions for diversified applications at affordable prices and become one of the pump majors globally.

To ensure that we meet all the standards of safety, efficiency, hygiene and environment protection and contribute significantly in developing systems for energy saving.

Our Values are defined by our dedication to Quality, Principles & Integrity that lead to customers' satisfaction all time and ultimate success of the company and its stakeholders.

### ALGO Value Proposition

- Affordable Price
- Longer Life
- Greater Performance
- Outstanding Service

### Quality Policy

We are determined to offer reliable & Innovative products and services with high standards, Dedicated to understand & meet customers requirements on time.

We are committed to focus on introducing industry best technologies & Concepts to save energy, protect environment and to give high priority for customers satisfaction all time.

Chairman & Managing Director  
ALGO GROUP OF COMPANIES



**33+**  
Years Experience

**100+**  
Product variants

**6000+**  
Models

**80+**  
Countries Export

**1600+**  
Distributors

**800+**  
Service Centers

**8**  
Companies under the Group

**30+**  
Venture Partners in India & abroad

**3**  
International Stock Hubs

**4**  
Times Export Award Winner

## ALGO FLUID TECHNIKS SA (PTY) LTD.

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### ASSOCIATE COMPANIES

Ahmedabad | Mumbai | Coimbatore | Pune | Secunderabad | Kollam

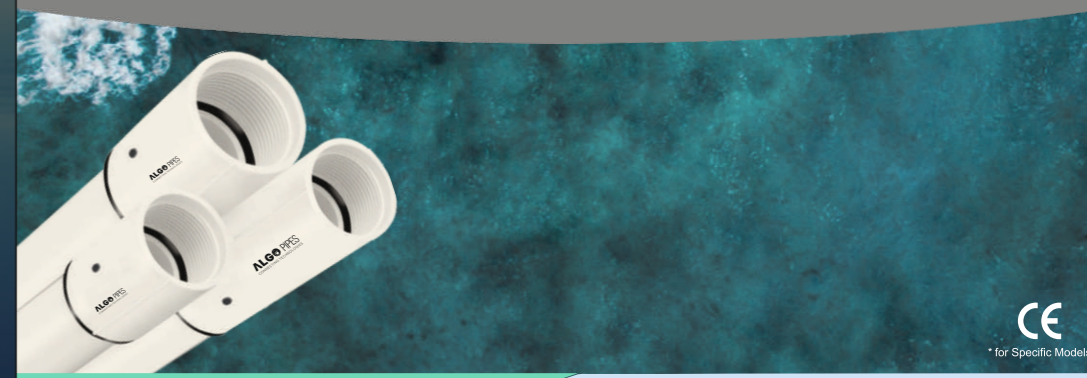
INTL. STOCK HUBS : NAIROBI - KENYA, VALENCIA - SPAIN



National Top Exporter Award Winner

One Star Export House Status

## Product Outlook 50Hz



\* for Specific Models



### 3" & 4" Submersible Pumps - X - ORA SERIES

Nominal Dia	3"	4"
Power Range	0.37 - 1.5kW	0.37 - 7.5kW
Version	1Ph - 230V / 3Ph - 380V	1Ph - 230V / 3Ph - 380V
Head Range	5 - 105m	120 - 458m
Flow Range	1 - 5m <sup>3</sup> /h	9 - 18m <sup>3</sup> /h
Outlet Size	1 1/4"	1" - 2"

### 3" & 4" Oil Filled Motors - LAVO SERIES

Nominal Dia	3"	4"
Power Range	0.37 - 1.5kW	0.37 - 7.5kW
Version	1Ph - 230V / 3Ph - 380V	1Ph - 230V / 3Ph - 380V
Insulation Class	F	F
Protection / Connection	IP68 / CSR	IP68 / CSR
Max. Sub. depth	150m	150m
Speed	2900rpm	2900rpm
Max. Liquid Temp.	33°C	33°C



### Deep well Stainless Steel Submersible Pumps - ALINOX SERIES

Nominal Dia	3"	4"	6"	8"	10"
Power Range	0.37 - 1.1kW	0.37 - 7.5kW	0.55 - 63kW	5.5 - 110kW	9.3 - 220kW
Head Max.	144m	480m	645m	475m	488m
Flow Max.	3m <sup>3</sup> /h	20m <sup>3</sup> /h	76m <sup>3</sup> /h	126m <sup>3</sup> /h	280m <sup>3</sup> /h
Outlet Size	1"	1 1/4", 1 1/2", 2"	2", 2 1/2", 3", 4"	4", 5"	6"



### Deep well Submersible Motors - AQUA SERIES

Nominal Dia	4"	6"	7"	8"	10"
Speed	2900rpm	2900rpm	2900rpm	2900rpm	2900rpm
Power Range	0.37-7.5kW	4-45kW	7.5-63kW	37-93kW	81-185kW
Version	1Ph - 230V	3Ph - 380V	3Ph - 380V	3Ph - 380V	3Ph - 380V
Insulation Class	Y	Y	Y	Y	Y
Protection	IP 68	IP 68	IP 68	IP 68	IP 68
Max. Liquid Temp	33°C / 70°C (For PE2-PA Winding)				



### 4" Submersible Pumpset with Accessories - MASTER PACK SERIES

Nominal Dia	4"	<b>Accessories Incl.</b>
Power Range	0.37 - 1.1kW	Pump, Motor, Control Panel, Cable, Rope, Bore hole cap & Adaptor.
Version	1Ph - 230V	<b>Mini Master Pack</b>
Head Max	93m	Pump, Motor & Control Panel.
Flow Max	5.5m <sup>3</sup> /h	
Outlet Size	1 1/4"	



### SS Jet Selfpriming Pumps - JS SERIES

Power Range	0.37 - 1.5kW
Version	1Ph - 230V / 3Ph - 380V
Max. Suction Lift	8m
Head Range	45 - 50m
Flow Range	3.6 - 4.4m <sup>3</sup> /h
Pump size	1"x1", 1 1/4", 1"

NSK Bearings  
SS304 Impeller



### Peripheral & Centrifugal Monoblock Pumps AP & CMA SERIES

Series	AP	CMA
Power Range	0.37 - 0.75kW	0.37 - 0.75kW
Version	1Ph - 230V / 3Ph - 380V	1Ph - 230V / 3Ph - 380V
Head Range	7 - 55m	6 - 33m
Flow Range	0.4 - 2.4m <sup>3</sup> /h	1 - 6m <sup>3</sup> /h
Pump Size	1"x1"	1"x1"

NSK Bearings  
SS Insert (AP Series)



### Centrifugal Pumps - DIN Standard

Series	CM	CMS
Power Range	2.2 - 30kW	1.1 - 37kW
Version	3Ph - 380V - 415V	3Ph - 380V - 415V
Head Max	93m	73m
Flow Max	240m <sup>3</sup> /h	200m <sup>3</sup> /h
Pump size	2"x1 1/2", 2 1/2"x1 1/2", 2 1/2"x2", 3"x2 1/2", 3"x3", 4"x3"	2"x1 1/4", 2 1/2"x1 1/2", 2 1/2"x2", 3"x2 1/2", 4"x3"

NSK Bearings  
IE3 Motor



### Stainless Steel Centrifugal Pumps - CMS SERIES

Power Range	0.37-3kW
Version	1Ph - 230V / 3Ph - 380V
Head Max	36m
Flow Max	35m <sup>3</sup> /h
Pump Size	1 1/4"x1", 1 1/2"x1 1/4", 2"x2"

NSK Bearings  
SS304 Impeller



### Pressure Booster Systems - X - Stream ( In built VFD )

Power Range	0.75 - 5.5kW
Version	1Ph - 230V / 3Ph - 380V
Pressure Tank Cap	2L
Head Range	15 - 82m
Flow Range	2 - 31m <sup>3</sup> /h
Pump Size	2" x 2"



### Horizontal Multistage Pumps - BR SERIES

Power Range	0.37 - 4kW
Version	1Ph - 230V / 3Ph - 380V
Head Range	5 - 53m
Flow Range	1 - 28m <sup>3</sup> /h
Pump Size	1" - 2"

NSK Bearings  
IE3 Motor



### Vertical Multistage Pumps - ZALA MAX SERIES

Power Range	1.1 - 3kW
Version	1Ph - 230V / 3Ph - 380V
Head Range	32 - 162m
Flow Range	1 - 6m <sup>3</sup> /h
Pump Size	1" X 1"

NSK Bearings  
PPO Impeller



### Vertical Multistage Pumps - BM SERIES

Nominal Flow	32 - 200m <sup>3</sup> /h
Power Range	0.37 - 110kW
Version	1Ph - 230V / 3Ph - 380V
Head Range	150 - 309m
Flow Range	1 - 240m <sup>3</sup> /h
Pump Size	DN25 - DN150

NSK Bearings  
IE3 Motor



### Hydro Pneumatic Systems - HPN SERIES

Type	Horizontal Pump	Vertical Pump
Number of Systems	2 to 6 pumps	2 to 6 pumps
Power Range	0.37 - 45kW	0.37 - 45kW / 0.5 - 60HP
Head Max	150m	200m
Flow max	24m <sup>3</sup> /h	100m <sup>3</sup> /h
Max. Operating pressure	10 bar	30 bar
Max. Liquid Temperature	120°C	120°C



### Submersible Sewage Pumps

Series	Sendra	Blora
Power Range	0.18 - 7.5kW	1.5 - 45kW
Version	1Ph - 230V / 3Ph - 380V	3Ph - 380V
Head Max	20m	55m
Flow Max	100 m <sup>3</sup> /h	480 m <sup>3</sup> /h
Delivery Size	1" - 4"	DN50 - DN200
Solid Handling Capacity	5 - 35 mm	30 - 100 mm

SKF/NSK Bearings  
Available with Agitator



### Submersible Cutter Sewage Pumps - JAWA SERIES

Power Range	0.37 - 7.5kW
Version	1Ph - 230V / 3Ph - 380V
Head Range	6 - 27m
Flow Range	2 - 100m <sup>3</sup> /h
Delivery Size	DN50 - DN100

NSK Bearings



### Submersible Dewatering Pumps

Series	Ronda	Blora - D
Power Range	0.37 - 22.5kW	0.75 - 37kW
Version	1Ph - 230V / 3Ph - 380V	1Ph - 230V / 3Ph - 380V
Head Max	30m	65m
Flow max	338m <sup>3</sup> /h	490m <sup>3</sup> /h
Delivery Size	DN50 to DN200	50 to 150 mm
Solid Handling Capacity	7 to 30 mm	12 to 35 mm



### Submersible Sewage Pumps

Series	Zingo	Hynox
Power Range	400 & 750 watts	0.37 - 2.2kW
Version	1Ph - 230V / 3Ph - 380V	1Ph - 230V / 3Ph - 380V
Head Max	7m	12m
Flow max	16m <sup>3</sup> /h	35m <sup>3</sup> /h
Delivery Size	1 1/4" - 3"	1 1/4" - 3"
Solid Handling Capacity	25mm	15mm



### Dewatering Pumps - ESD SERIES

Power Range	0.75 - 93kW
Version	1Ph - 230V / 3Ph - 380V
Head Range	2 - 39m
Flow Range	7 - 750m <sup>3</sup> /h
Pump Size	2" x 2" - 10" x 10"
Solid Handling Size	44 - 76mm



### End Suction Pumps

Series	ESAR	ESAM
Power Range	upto 110kW	upto 185kW
Pump Size	DN32 to DN150	DN200 to DN450
Speed	2900 / 1450rpm	1450 / 1100rpm
Head Max	upto 100m	upto 45m
Flow max	upto 550m <sup>3</sup> /h	1200 - 1600m <sup>3</sup> /h
Impeller Material	CI / SS 304 / SS 316 / Casted SS / Bronze / Alloy - 20, etc.,	



### VFD Inverter

Power Range	1Ph - 0.75 - 2.2kW	3Ph - 4.0 - 7.5kW
Input Voltage	220VAC or 380VAC	380VAC 50 & 60Hz
Input Frequency	380VAC 50 & 60Hz	
Protection	MS Powder Coated / Plastic	
Pressure Sensor Range	10bar / 16bar / 25bar	
Self-starting Pressure	Pre set pressure value 0.3 bar	



\*All protections are inbuilt.  
\*Parameters can be customized as per requirement.

### Twin Booster Control Panel

Type	TB - 01	TB - 03
Working Voltage	1Ph 220V / 50Hz / 60Hz	3Ph 380V / 50Hz / 60Hz
Rated Output Power	0.37-2.2KW	0.75-4KW/5.5-7.5KW/11KW/15KW

### Protection

High/Low Voltage, Over load, Dry run, Phase Failure, Phase reversal, Locked Rotor.



### Smart Control Panels

Type	1Ph CSR / CSCR & 3Ph D.O.L
Power Range	0.75kW - 15kW
Voltage	230V - 380V - 50Hz
Enclosure	FRP
Protection	IP 54
Features	Previous 5 fault record display, remote monitor, accumulative running time display & sound alarm for fault, over load protection, dry run protection, under & over voltage protection, phase unbalance protection, phase reversal protection & open phase protection



### PUMPS CONTROLLERS & FLOAT SWITCHES

Series	EP Series - Pump Controllers	Savia Series - Float Switches
Rated Voltage	220/230V & 110/120V -50Hz	220/230V - 50Hz
Max. Current	10A / 16A	10A / 16A
Starting Pressure	1.2 bar / 1.5 bar / 2.2 bar	NA
Working Pressure	10 bar (max.)	NA
Max. Working Temp	50°C	55°C
*Inbuilt NRV & Dry run Protection		Cable Length - 2m, 3m, 4m, 5m & 10m.



### High Head Submersible Dewatering Pumps

Series	MSD	HERCULA
Power Range	22kW - 110 kW	75kW - 90kW
Version	3Ph - 415V	3Ph - 415V
Head Range	10 - 50m	50 - 175m
Flow Range	60 - 900m <sup>3</sup> /h	15 - 210m <sup>3</sup> /h
Delivery Size	4" - 10"	4" - 6"



### uPVC Column Pipes & Adaptors

Size	1" - 6"
Installation Range	125 - 350m
Pressure Range	12.5 - 35kg/cm <sup>2</sup>
Max Ambient Temp	70°C
Types	Primo ++   Nano   Medium   Standard   Heavy   Super Heavy
Adaptors Size	1" to 6"
Type	Heavy & Super Heavy
Material	Mild Steel, Cast Iron, SS 304 & SS 316

