



TM

techno

man machine miracle



TM

AGRICULTURAL

INDUSTRIES

DRINKING WATER



HOME



techno GROUP
intelligence upgraded

FROM THE DESK OF MANAGEMENT

Dear Patrons,

We welcome you all to our family of **TECHNO INDUSTRIES LTD.**, a true engineering company. Techno Industries Ltd. is one of the leading and accomplished companies in the manufacturing & marketing of pumps, motors & elevators. But what sets the company apart from others is the quality and high precision engineering excellence in products and prompt after sales service to the customers. Since inception in '90s, **TECHNO INDUSTRIES LTD.** is a professionally managed fast growing engineering company with focus on diversification with innovation with time.

We, at **TECHNO INDUSTRIES LTD.**, are dedicated to the pursuit of growth and excellence in our people, products and service through a commitment to innovation, togetherness and team spirit.

As we move ahead in our journey to attain supremacy, the challenge seems daunting in its own way. It also helps us to innovate and improve ourselves continuously - strengthening our resolve to tread the difficult path with greater conviction.

We at **TECHNO INDUSTRIES LTD.**, are ready to work with you all hand in hand with the concept of product innovation, up-gradation of quality, market enhancement through various measure & increase in support mechanism. Probably, we have come to a new beginning, where challenges and opportunities run side by side. It is good for all of us, as it adds fuel to the dynamism and spirit with which techno is growing today.

Currently, though the economic climate is unstable; however with the diversification of our product line and several markets that we serve, we have been fortunate to maintain sufficient momentum in each of these fields. Our company's mission of "Commit ourselves for supplying products that would give complete satisfaction to customers" continues to be our main focus. It is through the efforts of our team that we never lose sight of the customer's needs.

We strive to serve our customers with integrity and quality each and every time. Focusing on this goal with strong team efforts, we will certainly succeed in every effort and pursuit.

We, hereby wish to express gratitude to our staff, channel partners and customers for their continued support as we move forward.

Here, we remain committed to
"WE CARE & FEEL TOGETHERNESS"



Bharat J. Patel
Chairman & Managing Director





COMPANY PROFILE

techno GROUP of industries having over three decades of successful leadership behind it in manufacturing & marketing of Pumps, Motors & Elevators have been promoted by Visionary, Humble & Dynamic Engineering Technocrats. Their vision backed by their dedicated team & hard work achieved many milestones while setting the goal for progress of the company & will continue to strive hard to take the organization with its satisfied clients & work force to its ultimate height of success & entrepreneurship.

STRENGTH OF **techno** GROUP

The product of **TECHNO** industries are manufactured with the state of the art manufacturing facilities & technology with set standards of precise engineering & excellence to match national & global standards in each and every aspect.

The organization has a pool of highly talented and skilled technical professionals, who as per the vision of the company, have imbibed among themselves the motto of quality, product assurance, commercial viability, innovation with changing time, cost economics, optimum utilization of resources & value engineering apart from last but not the least, commitment & after-sales-service.

AN ISO COMPANY :

The organization is professionally managed by various Directors/ marketing and Technical professionals & has received ISO 9001-2008 revision accreditation by ISOQAR LTD. which helped us further to streamline & produce products to meet the market requirements & to deliver them in specified timeframe. Our 700+ add models have ISI mark confirming to IS 8034, IS 9079, IS 14220 & IS 7538, which symbolizes our vision to quality.

BIS CERTIFICATION OF PRODUCT RANGE :

Various product range falling under specified categories have BIS licence as follows:

For Submersible Pumpset - IS:8034, CM/L-7031551
For Monoblock Pumpset - IS:9079, CM/L-1743051
For Electric Motors - IS:7538, CM/L-1731347

QUALITY ASSURANCE :

We have a full fledged R & D department to work on the challenges towards product performance improvement w.r.t feedbacks received from the field / site as desired by the market & the customer. In order to be a global player as well as under changing global scenario, we have worked upon uninterruptedly to convert our existing rated motors & pumps into ENERGY EFFICIENT ones with high improvised tested efficiency apart from having acquired 3 to 5 star ratings in terms of energy evaluation as per the laid down norms.

QUALITY ASSURANCE :

Moreover, In order to have consistency in quality & control over processes as well as technical parameters, we have our in-house improvised ferrous foundry for manufacturing of Stainless Steel & Gun metal Impellers, Bowls, Bushes & most of the critical parts & spares required for producing a quality product. All the parts & finished goods are machined & manufactured at our state of the art CNC machines as well as other modern sophisticated state of the art machineries for greater accuracy, consistency and mass production. In the process of accuracy, the management has focused on automation & mechanized work efficiency over manual working culture. Besides, all the pumpsets too are tested as per IS-8034 & IS-9079 at our sophisticated ultra modern computerized and automated Testing Laboratory, wherein all the pumps & motors are tested under various parameters & criteria so as to make them to withstand the toughest site & field conditions.

INSTITUTIONAL APPROVALS

Our Submersible Pumpsets & Monoblock pumpsets are approved in most of Government Departments of various states, Industries, DGS&D etc. In order to have value engineering & innovation from time to time, the pumpsets are regularly inspected by reputed third party inspecting Agencies such as PDIL RITES, DGS&D and many more, which has resulted in adhering to introduce & establish stringent inspections norms. Our pumps have also been tested at ERDA and EQDC and have achieved all the Parameters laid down therein.

QUALITY POLICY

In order to meet customer's requirement / expectations especially in terms of TRUST, RELIABILITY & PROMPT SERVICE, our prime objective & sole motto are to enhance the customer's satisfaction by adhering to laid down norms of quality policy technical parameters during procurement, manufacturing, testing, finishing & dispatches.

MARKET PRESENCE

techno GROUP of products are brought to the door step of the end-users through their network of talented market friendly HRs, Distributors, Dealers, Channel Partners & Service Centres being strategically located at major centres. In the list of priorities being met to benefit the end users, the process of marketing will always focus upon innovative result oriented activities of marketing workshops, technical meets with technical people involved in the trade as well as the opinion formers e.g. plumbers/mechanics/service centres & activities like road shows & media campaign etc. so as to be in the mainstream to keep the quality, brand & loyalty high & flying with **TRUST & RELIABILITY**.

FUTURE VISTA

It focuses towards qualitative growth.

In the time to come, it will continue to introduce new product range from time to time w.r.t. trend & requirement of the market.

It will always work to focus upon to expand product range w.r.t. applications in domestic industrial & agriculture sectors.

In spite of changes in the methodology of market & global scenario, the goal of the organization will always be customer satisfaction, quality product, value engineering, reliability & above all the TRUST.

I In- house State of the Art manufacturing facilities involving latest equipments are..

- CNC turning centre machines,
- VMC machines,
- Induction brazing machines,
- Fully automated testing bench,
- Air Gauge for inspection,
- Mechanized Painting & packing machines & many more...

I Full fledged technically oriented R&D department.

I CRNO stamping from progressive die for better efficiency & better power factor compared to conventional die.

I All parts of pumps & motors are machined by CNC & other scientific machines resulting in uniformity of air gap, alignment & accuracy.

I Efficiency beyond 5 star.

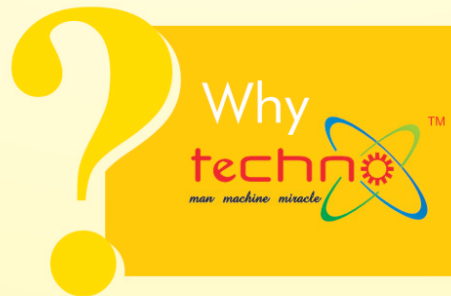
I Enhanced hydraulic design with improved efficiency and reduced power consumption.

I Dynamically balanced rotor and impellers ensure vibration free performance and enhanced life.

I High quality water-resistant polymer insulated wires for longer life even under adverse voltage conditions.

I Pumps with Steel cast impeller.

I Heavy gauge of motor & pump body.



3"

OIL & WATER LUBRICATED PUMPSETS



PRODUCT FEATURES

- | Light weight and easy to install.
- | Enhanced hydraulic design with improved efficiency and reduced power consumption.
- | Noise free operation.
- | Modular construction and easily interchangeable parts.
- | Impellers and diffusers of high quality engineering polymer.
- | Stainless steel pump shell for corrosion resistance.
- | Incorporated with NRV with minimum friction.
- | Easily re-windable.
- | High quality water-resistant polymer insulated wires for longer life.



TECHNICAL DATA

Power (H.P.)	0.5 HP - 1.25 HP
Stage	6 - 36
Discharge Range (LPM)	18 LPM - 93 LPM
Head Range (Metres)	5 - 86 Mtrs

APPLICATIONS

- | Industries
- | Domestic
- | Gardening
- | Dairies
- | Fountains

OIL & WATER LUBRICATED PUMPSETS

4"

PRODUCT FEATURES

- | Available in Radial Flow & Mixed Flow impeller Design.
- | Light Weight and easy to install.
- | Enhanced hydraulic design with improved efficiency and reduced power consumption.
- | Noise free operation.
- | Modular construction and easily interchangeable parts.
- | Impellers and diffusers of high quality engineering polymer with 20% Glass reinforced.
- | Stainless steel pump shell for corrosion resistance.
- | Incorporated with NRV with minimum friction.
- | Easily rewindable.
- | High quality water-resistant polymer insulated wires for longer life.

TECHNICAL DATA

Power (H.P.)	0.5 HP - 10.0 HP
Stage	4 - 50
Discharge Range (LPM)	15 LPM - 520 LPM
Head Range (Metres)	6 - 300 Mtrs

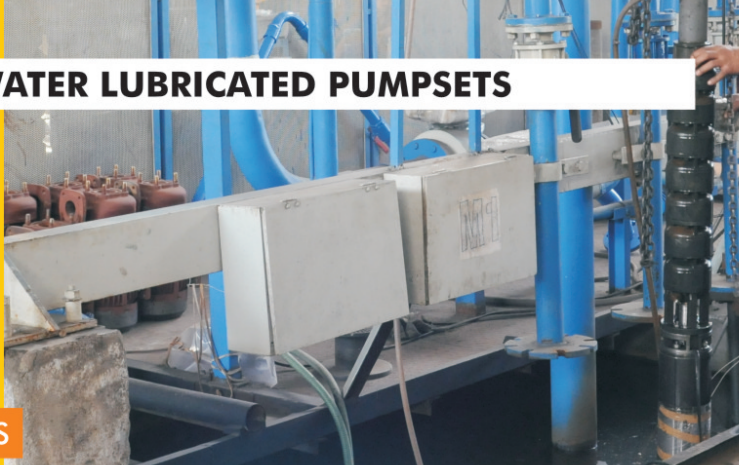
APPLICATIONS

- | Industries
- | Domestic
- | Gardening
- | Agriculture
- | Dairies
- | Fountains
- | Fire Fighting Systems
- | Cooling water circulating System



6"

WATER LUBRICATED PUMPSETS



PRODUCT FEATURES

- | Available in Radial Flow Impeller Design.
- | Special LTB-4 and nitrile rubber bearing bushes for high wear resistance and longer life.
- | Incorporated with NRV with minimum friction.
- | Easily rewindable.
- | Stainless steel stator shell to prevent rust formation.
- | Specially designed carbon thrust bearing.
- | High quality seal rings and sand guards to protect motor for sand entry.
- | High quality water-resistant polymer insulated wires for longer life.
- | Pressure diaphragm to compensate excess pressure due to heating of filled water.
- | 50' Pump in CI & SS with Noryl & SS Impeller.



TECHNICAL DATA

Particular	Regular	50 Feet (CI & SS) Radial Flow
Power (H.P.)	3 HP - 40 HP	3 HP - 30 HP
Stage	2 - 30	3 - 30
Discharge Range (LPM)	32 LPM - 1800 LPM	50 LPM - 1000 LPM
Head Range (Metres)	5 - 390 Mtrs	5 - 430 Mtrs

APPLICATIONS

- | Domestic & Community water supply
- | Industries
- | High Rise Buildings
- | Agriculture
- | Dairies
- | Fire Fighting Systems
- | Cooling water circulating systems

AVAILABLE IN CLOSED WINDING SINGLE PIECE SS BODY &
ALSO IN OPEN WINDING (3 PIECE I.E. T-BOLD TYPE)
COMPLETE SS 304 MOTOR IS ALSO AVAILABLE ON DEMAND.

WATER LUBRICATED PUMPSETS

8"

PRODUCT FEATURES

- | Available in Radial Flow & Mixed Flow Impeller Design.
- | Special LTB-4 and nitrile rubber bearing bushes for high wear resistance and longer life.
- | Incorporated with NRV with minimum friction.
- | Easily rewindable.
- | Stainless steel stator shell to prevent rust formation.
- | Specially designed carbon thrust bearing.
- | High quality seal rings and sand guards to protect motor from sand entry.
- | High Quality water-resistant polymer insulated wire for longer life.
- | Pressure diaphragm to compensate excess pressure due to heating of filled water.

TECHNICAL DATA

Power (H.P.)	7.5 HP - 75 HP
Stage	2 - 20
Discharge Range (LPM)	70 LPM - 3400 LPM
Head Range (Metres)	12 - 490 Mtrs

APPLICATIONS

- | Domestic & Community water supply
- | Industries
- | High Rise Buildings
- | Agriculture
- | Fire Fighting Systems
- | Cooling water circulating systems

HIGHER RATED PUMPSETS ABOVE 75 HP CAN ALSO BE SUPPLIED IN 10" & 12" BORE SIZE, BOTH IN MF & RF (3 PIECE I.E. T-BOLT TYPE).



CENTRIFUGAL MONOBLOCK SERIES



PRODUCT FEATURES

- | Easy to install and low operating cost.
- | Improved efficiency and minimal maintenance by having the set operated on a common shaft.
- | Dynamically balanced rotors and impellers ensure vibration free performance and enhanced life.
- | Deep groove ball bearings packed with right quantity of special grease ensures long life.
- | Rigorous quality control testing at every stage of manufacturing ensures higher efficiency.
- | Low temperature with Class A / Class E insulation ensures long trouble free operation.
- | Fitted with TOP.

TECHNICAL DATA

Power (H.P.)	Single Phase Three Phase	0.5 HP - 2.0 HP 3.0 HP - 50 HP
Versions	Single Phase Three Phase	240 volts +6% -15% 50 Hz DUTY S1 415 volts +6% -15% 50 Hz DUTY S1
Speed (N)	2880 RPM	
Discharge Range (LPM)	Single Phase Three Phase	20 LPM - 650 LPM 300 LPM - 3300 LPM
Head Range (Mtrs.)	Single Phase Three Phase	5 - 35 Mtrs 20 - 70 Mtrs
Pipe Size (MM)	Single Phase Three Phase	32 X 25, 40 X 40 50 X 40, 65 X 50, 75 X 65, 75 X 75, 100 X 75, 100 X 100
Suction Lift	7 Mtrs.	

APPLICATIONS

- | Irrigation
- | Drinking water supply
- | Industrial water supply
- | Cooling water circulating systems



HORIZONTAL OPENWELL SERIES

PRODUCT FEATURES

- | Easy to install.
- | Enhanced efficiency with all the advantages of mounting the prime move and pump integrally on the same shaft.
- | The openwell submersible monoblock can be placed at the bottom of the well.
- | This arrangement does not require suction pipe.
- | Dynamically balanced rotor and impellers ensure vibration free performance and enhanced life.
- | Water can also be drawn from a borewell which is bored at the bottom of the openwell by inserting a suction pipe into the borewell and providing a cooling tank arrangement to keep the monoblock submerged in water.

TECHNICAL DATA

Power (H.P.)	Single Phase Three Phase	0.5 HP - 3.0 HP 1.0 HP - 40 HP
Versions	Single Phase Three Phase	240 volts +6% -15% 50 Hz DUTY S1 415 volts +6% -15% 50 Hz DUTY S1
Speed (N)	2880 RPM	
Discharge Range (LPM)	Single Phase Three Phase	20 LPM - 650 LPM 50 LPM - 2800 LPM
Head Range (Mtrs.)	Single Phase Three Phase	10 - 35 Mtrs 20 - 70 Mtrs
Pipe Size (MM)	Single Phase Three Phase	32 X 25, 40 X 40 40 X 40, 50 X 40, 65 X 50, 75 X 65, 75 X 75, 100 X 75, 100 X 100

APPLICATIONS

- | Irrigation
- | Drinking water supply
- | Industrial water supply
- | Cooling water circulating systems



VERTICAL OPENWELL SERIES

PRODUCT FEATURES

- I Easy to install.
- I Enhanced efficiency with all the advantages of mounting the prime move and pump integrally on the same shaft.
- I The multistage vertical open well submersible monoblock can be placed at the bottom of the well. this arrangement does not require suction pipe.
- I Dynamically balanced rotors and impellers ensure vibration free performance and enhanced life.
- I Water can also be drawn from a borewell which is bored at the bottom of the openwell by inserting a suction pipe into the borewell providing a cooling tank arrangement to keep the monoblock submerged in water.

TECHNICAL DATA

Power (H.P.)	Single Phase Three Phase	0.5 HP - 3.0 HP 3.0 HP - 30 HP
Versions	Single Phase Three Phase	240 volts +6% -15% 50 Hz DUTY S1 415 volts +6% -15% 50 Hz DUTY S1
Speed (N)	2880 RPM	
Discharge Range (LPM)	Single Phase Three Phase	20 LPM - 650 LPM 300 LPM - 2500 LPM
Head Range (Mtrs.)	Single Phase Three Phase	5 - 35 Mtrs 20 - 70 Mtrs
Pipe Size (MM)	Three Phase	50 X 40, 65 X 50, 75 X 65, 75 X 75, 100 X 75, 100 X 100

APPLICATIONS

- I Irrigation
- I Drinking water supply
- I Industrial water supply
- I Cooling water circulating systems



INDUCTION MOTORS SERIES

PRODUCT FEATURES

- | Enclosed in robust, grey cast iron housing with ample cooling fins to ensure better heat dissipation.
- | Dynamically balanced pressure die-cast rotors with minimum vibration.
- | Deep groove ball bearings to carry relatively heavy radial thrust loads, resulting in long life.
- | Cooling fan located on the non-driving side together with cooling fins provides adequate flow of air and ensures an efficient cooling system.
- | Low operating temperature with Class A / Class E insulation ensures long trouble free operation and increased winding life.

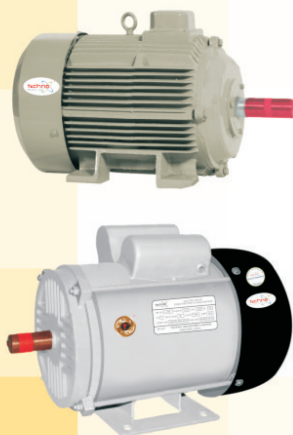
TECHNICAL DATA

Power (H.P.)	Single Phase Three Phase	0.25 HP - 5.0 HP 0.25 HP - 1000 HP
Versions	Single Phase Three Phase	240 volts +6% -15% 50 Hz DUTY S1 415 volts +6% -15% 50 Hz DUTY S1
Insulation	Class 'F' with temp. rise limited to Class 'B'	
Degree of Protection	IP 55	

APPLICATIONS

- | Machine tools
- | Higher & heavy industries
- | Agriculture and farming
- | Pumping
- | Flour mills
- | Wood/stone cutting machines
- | Textile equipment

THE ORGANISATION IS FULLY GEARED AND COMPETENT
TO DESIGN & PRODUCE ANY KIND OF SPECIALISED MOTORS
OF ANY RATING / FREQUENCY / POLE INCLUDING ENERGY EFFICIENT ONES.



MINI MONOBLOCK SELF PRIMING SERIES



PRODUCT FEATURES

- | Easy to install.
- | Run silently under all operating conditions.
- | Handy and easily portable.
- | Manufactured to stringent quality parameters to ensure years of efficient, trouble - free service.
- | Designed to withstand wide voltage fluctuation and to start at low voltage.
- | Energy efficient motor for low power consumption.
- | High quality cast iron and rust proof aluminum motor body ensures better heat dissipation to keep the motor cool.
- | Stainless steel shaft and double sealed precision ball bearing ensure longer life and eliminates periodic maintenance.
- | High quality mechanical seal and strainer ensure longer life.
- | Superior quality painting prevents rust formation.

TECHNICAL DATA

Power (H.P.)	0.5 / 1
Version	SP, 240 volts, 2880 RPM, 50 Hz, AC Supply
Discharge Range (LPM)	10 LPM - 60 LPM
Head Range (Metres)	3 - 36 Mtrs.
Pipe Size (MM)	25 X 25
Suction Lift	7 Mtrs.



APPLICATIONS

- | Water supply to Houses
- | Water supply to Residential Colonies and Factories

CENTRIFUGAL SHALLOW WELL JET

PRODUCT FEATURES

- | High performance in terms of discharge as compared to conventional self priming and mini monoset pumps.
- | Self priming up-to 8.0 metres at mean sea level.
- | Optimally designed for higher efficiency in wide range of operation.
- | Fitted with Thermal Overload Protector (T.O.P.)
- | Totally enclosed fan cooled (TEFC) motor to prevent entry of dust & moisture.
- | Centrifugal Impeller with adequate clearance.
- | Unique Motor design - cap Start & Run (PSC Motor) avoiding centrifugal switch.
- | Suitable for wide voltage operation - 160 to 240 V.

TECHNICAL DATA

Power (H.P.)	0.5 / 1
Version	SP, 240 volts, 2880 RPM, 50 Hz, AC Supply
Discharge Range (LPM)	15 LPM - 60 LPM
Head Range (Metres)	6 - 36 Mtrs.
Pipe Size (MM)	25 X 25

APPLICATIONS

- | Use for water supplies to Residential Bungalows & Hotels
- | Storage water tanks
- | Small farms
- | Lawns & Gardens



**NOT JUST GOALS
ACHIEVEMENTS
TOO..!**



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