

## **India Pump Sets Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)**

Market Report | 2025-07-15 | 122 pages | EMR Inc.

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### **Report description:**

The India pump sets market is expected to grow at a CAGR of 5.40% between 2025 and 2034. The market is being driven by the rising applications of pump sets in agriculture and industrial sectors.

#### India Pump Sets Market Growth

A pump set is defined as an apparatus which is used for driving, compressing, or raising a fluid or a gas using two important components, namely, a driver and a coupling. The pump set generates a mechanical force which powers a liquid or gas, to transport or position them in an industrial setting.

The rising applications of pump sets in the agriculture and industrial sectors, such as for pumping water, solvents, organics, acids and bases, is a major driver of growth in India pump sets market. The growing capacity expansion of various industries like food and beverage, mining, pulp and paper, and water treatment is also likely to increase demand for pump sets.

#### Key Trends and Developments

Diversification of product application, advancements in technology, and development of energy-efficient pump sets are factors fuelling the India pump sets market expansion

May 2024

The Indian government has drafted a plan to drive solar pump installations for farmers under the PM-KUSUM scheme, following the success of the PM-SURYAGHAR-MUFT-BIJLI-YOJANA. The plan aims to provide solar pumps to farmers at subsidised rates (up to 90%) and save their expenditure on diesel.

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February 2024

The government in Uttar Pradesh plans to offer subsidised solar pumps to over 54,000 farmers in the upcoming fiscal year 2024-25. Farmers will have access to nine varieties of solar pumps at reduced rates. It will also provide clean energy-based irrigation systems to farmers.

October 2023

Shakti Pumps secured INR 149.71 crore order under PM-KUSUM scheme to replace electric pump sets with solar pump sets. This initiative aimed to turn farmers into energy providers, allowing them to save up to Rs 2 lakh annually on energy bills and earn up to Rs 50,000 by selling surplus power.

September 2023

The Andhra Pradesh government has granted a record 1.24 lakh agricultural pump set connections, surpassing the previous year's figure of 1.18 lakh. The connections were provided under the YSR Free Crop Compensation Scheme, which aims to support farmers by providing free electricity for agriculture.

June 2023

Pump set manufacturers in Coimbatore, led by the Southern India Engineering Manufacturers' Association (SIEMA) and the Scientific and Industrial Testing and Research Centre (Si' Tarc) developed a standard design for "V4" pumps. This helped manufacturers achieve economies of scale.

Product diversification

A notable trend shaping the pump sets market in India is the diversification of product offerings, including the deployment of pumps in non-agricultural irrigation applications. Grundfos, a global pump manufacturer, has expanded its product range to include pumps for applications such as wastewater treatment and industrial processes.

Technological upgradations

Another trend in the market is the focus on technological advancements and innovative product developments, such as IoT-enabled pumps. Kirloskar Brothers Limited, a leading pump manufacturer in India, has introduced its Smart Pump series, which incorporates IoT technology for remote monitoring and control.

Deployment of pump sets in the oil and gas sector

The rising deployment of pump sets in the oil and gas sector to perform a variety of tasks, including methanol injecting, pumping of glycol, and processing of chemical, is escalating the India pump sets market growth.

Focus on energy efficiency

With a growing emphasis on sustainability and cost-effectiveness, there is a rising demand for pumps that consume less energy while maintaining high performance levels. Wilo, a German pump manufacturer, has introduced its Stratos MAXO series, which features high-efficiency motors and intelligent control systems.

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## India Pump Sets Market Trends

The government's planned investments in irrigation projects and initiatives like Make in India are expected to fuel market demand. Additionally, technological advancements in power generation and the increasing focus on product development and innovations by major players are expanding opportunities for the India pump sets market development.

Also, the increasing use of centrifugal pumps across the domestic and residential sectors, owing to its simple design, easy maintenance, and smooth flow rate, is also a key trend adding to the market growth.

## India Pump Sets Industry Segmentation

The EMR's report titled "India Pump Sets Market Report and Forecast 2025-2034" offers a detailed analysis of the Market based on the following segments:

### Market Breakup by Type

- Centrifugal
- Positive Displacement

### Breakup by Product Equipment Type

- Submersible Pumps
- Multistage Pumps
- End-Suction Pumps
- Split Case Pumps
- Engineered Pumps
- Others

### Breakup by Application

- Agriculture
- Non-Agriculture Irrigation
- Domestic
- Industrial
- Others

### Breakup by Region

- Northern Region
- Southern Region
- Western Region
- Eastern Region

## India Pump Sets Market Share

Centrifugal pump sets dominate the market due to their versatility and widespread applications

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The centrifugal segment holds a significant share in the market, driven by its simplicity in design, versatility, and ability to handle large volumes of fluids efficiently. This segment is witnessing growth due to its widespread applications in residential, commercial, industrial, municipal, and scientific research sectors, all of which are thriving fields in India. Notable properties of centrifugal pumps include energy efficiency, corrosion resistance, smooth flow, and high reliability, making them a preferred choice across various sectors.

As per India pump sets market analysis, steady agricultural activities in the northern region of India, particularly states like Punjab and Uttar Pradesh, plays a significant role in driving the demand for centrifugal pump sets. Meanwhile, positive displacement pump sets account for a smaller share compared to centrifugal pumps. These pumps operate by trapping a fixed amount of fluid and then displacing it into the discharge pipe, making them suitable for applications where consistent flow rates are essential.

Agriculture segment holds a significant market share due to the vast availability of agricultural land in India

The agriculture segment, based on application, accounts for a healthy India pump sets market share. Pumps sets in the agriculture field are used for irrigation to efficiently provide enough water to the crops. Hence, the thriving agriculture sector across India, owing to the growing population, favourable policies of the government supporting farmers, and vast availability of agricultural land, is leading to a heightened demand for pump sets.

The non-agriculture irrigation segment in the market is experiencing growth driven by urbanisation, landscaping projects, and industrial water supply needs. Pump sets for non-agriculture irrigation cater to applications beyond traditional farming, such as urban landscaping, golf course maintenance, wastewater treatment, and industrial water distribution.

Leading Companies in the India Pump Sets Market

Market players have an increasing emphasis on technological advancements, product development, and innovations to meet the growing demand across various industries

Kirloskar Brothers Ltd

Kirloskar Brothers Ltd is a leading fluid management company which caters to the fluid management demands of building and construction, oil and gas, marine and defence, and power industries. The company was founded in the year 1888 and is currently headquartered in Pune, Maharashtra.

CRI Pumps Private Ltd

CRI Pumps Private Ltd is a leading provider of wastewater, submersible pumps, smart, and swimming pool pumps, among others. In addition, the company also offers expertise in HVAC and solar energy. It was established in the year 1996 and is currently headquartered in New Delhi, India.

Crompton Greaves Consumer Electricals Ltd

Crompton Greaves Consumer Electricals Ltd is a leading pumps and pumping equipment manufacturing company which has a vast product portfolio of fans, pumps, heaters, and air coolers, catering to the demands of various end use sectors. It was established in the year 1937 and is currently headquartered in Mumbai, Maharashtra.

Shakti Pumps India Ltd.

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Shakti Pumps India Ltd. was founded in January 1982 and is headquartered in Madhya Pradesh, India. It manufactures submersible pumps, submersible motors, and associated control panels under the brand name Shakti. The company has established itself as the second-largest stainless steel submersible pump sets manufacturer globally.

Other key players in the pump sets market in India include KSB Limited, Sulzer Pumps India Ltd, Grundfos, Texmo Industries, and WPIL Ltd, among others.

## India Pump Sets Market Analysis by Region

Northern region leads the market due to favourable government initiatives regarding pump sets

At a regional level, the northern region of India holds a decent share in the pumps market and is expected to witness a heightened growth in the forecast period. The steady agricultural activities happening across states such as Punjab and Uttar Pradesh are escalating the demand for pump sets. Moreover, favourable government initiatives for the industrial sector are likely to improve the India pump sets market share in the coming years.

For instance, the PM-KUSUM (Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan) scheme launched by Gol aims to install more than 3.5 million solar irrigation pumps over the next few years to provide clean energy and ensure energy security for farmers across India. Additionally, the government has implemented "Make in India" initiative, the Atmanirbhar packages, the National Infrastructure Pipeline (NIP) and National Monetisation Pipeline (NMP) schemes to enhance India's manufacturing capabilities, boost exports, and attract both domestic and foreign investments in the country.

## India Pump Sets Market Report Snapshots

India Pump Sets Companies

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