







Date: 21-04-2025

# **SYNO ENGINEERS**

K-11, Site No. 3, Panki Industrial Area KANPUR PIN - 208022

Mr. Malkeet Singh PHONE - +91 512 9838392839 EMAIL info@synopumps.com WEB www.synopumps.com

Syno is an oldest and prestigious manufacturer of Progressive Cavity Pumps and Retrofit Spare Parts in India since 1975. serving wide customer base in process industries like Waste Water, Grouting, Pulp & Paper, Food, Sugar & Distillery, Pharmaceuticals, Oil, Power, Fertilizer and Chemical Industries etc. With 40 years of vast experience in fluid engineering spanning over 300 fluid types, 10,000 pumps installed, Syno pumps endeavors to provide world class quality pumps with best-in-industry delivery schedule. Syno pumps also provides spare parts for other brands and repair refurbishing/reverse engineering services. At present, Syno Pumps is engaged in the industry as a manufacturer and exporter of an extensive range of pumps including Screw Pumps, Vertical Slurry Pumps, Sludge Pumps, Progressive Cavity Pumps, Industrial Pumps, Chemical Pumps, Open Throat Pumps, Vertical Pumps, Small Multipurpose Pumps, Bore Hole Pumps, Hollow Shafts, etc.

**Products Description** 

Industrial Transfer Pump - 'S' Series









Technical Details 'S' Series is ideal for handling slurries, viscous, shear sensitive or two or tri phase

mixtures or when applications require, significant suction lift capabilities. These pumps are used for a wide variety of pumping and transfer duties. The design of Pump is ideally suited for both low to high flow applications and also allows for the development of multi-stage pumps that increase the pressure handling capabilities. These Pumps are found tough rugged industrial applications handling anything from abrasive slurries, aggressive or reactive chemicals, to viscous liquids, oils, or suspensions and aqueous solutions at elevated temperatures. They are known for their flawless performance, efficiency & trouble-free operation along with long service life features. The Standard "S" Series Pump is of Cast Iron construction with liquid touchable parts of alloy steel / stainless steel, depending on the fluids to be handled. Shaft Sealing is ensured by Gland Packing & Mechanical Seal (optional). These pumps are available at highly affordable rates in various sizes

and capacity.

ITC HS Code 841360

Certification Category Product Standard

Certification/ Standard CE

Issuing Agency UK Certification & Inspection Ltd.

Date of Issue 13-09-2016

Date of Expiry 12-09-2017













Certificate No.: CE-2633

Address : K-11, Site No . 3, Panki Industrial Area, Kanpur 208022, Uttar Pradesh, India

Products: Progressive Cavity Pumps, Screw Pumps, Flame - Proof /Explosion - Proof Pumps Spare Parts for PC Pumps, Food & Hygiene & Sanitary Pumps

Applicable Standard: EN 378-2:2008+A2:2012
The Certification body has performed an audit of the design, manufacture and final inspection of the certic assessed, approved and is subject to continuous surverseure Equipment Directive.

#### Validity of this Certificate can be verified at www.ukcertifications.co.uk/verify

Date of initial registration : 13th September 2016 Date of Expiry : 12th September 2017

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**Certification Category Product Standard** 

Certification/ Standard ISO

**Issuing Agency** Quest Certification (P) Ltd.

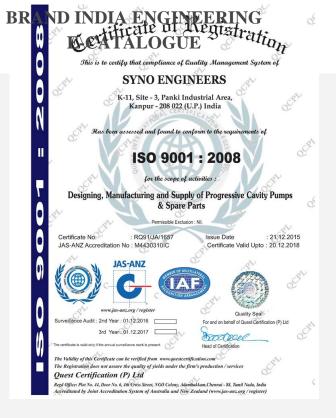
Date of Issue 21-12-2015 Date of Expiry 20-12-2018











Certification Category Product Standard

Certification/ Standard ATEX

Issuing Agency Quantus Management System (P) Ltd.

Date of Issue 30-09-2016

Date of Expiry 29-09-2019

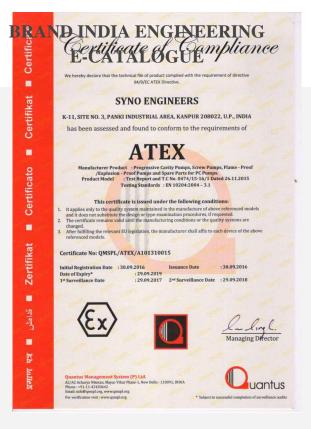












**End Use Sectors** 

**Product Images** 

Waste Water Grouting Pulp & Paper, Food, Sugar & Distillery, Pharmaceuticals, dustries etc.

Wide Throat / Hopper Pumps - 'W' Series









Technical Details Pumping highly viscous, solids laden, non-Newtonian fluids are a difficult and

complex process. At Syno, we have the knowledge and expertise to help you. The Wide Throat "W" Series has been designed to handle highly viscous materials, such as sludges, slurries, thick non-flowing pastes and de-watered sludge cake which ensures easy and efficient handling of high-viscosity fluids with viscosities up to 1,00,000cP. The design of the "W" Series is such that many different applications can be handled. This transfer pump consists of an enlarged rectangular inlet with a screw conveyor to assist the product into the pumping element. The hopper type suction inlet allows gravity flow of extreme viscous materials on to the augur cum coupling rod which pushes the substance into the pumping cavity. For the many difficult and varied applications encountered, the pumps are run at a relatively slow speed, therefore the pump will handle shear sensitive products with minimal product damage, abrasive solids in suspension and highly viscous materials. This pump offers higher level of performance than

standard open throat style pumps.

ITC HS Code 841360

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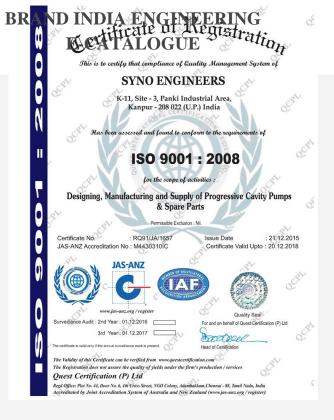
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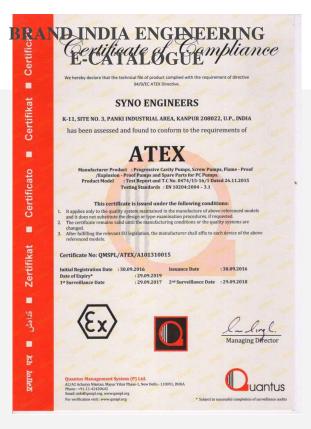












End Use Sectors

**Product Images** 



r, Food, Sugar & Distillery, Pharmaceuticals, dustries etc.

Hygienic & Food Grade Pumps - 'F' Series









Technical Details Syno 'F' Series is perfect for food pumps and pumping systems for hygienic

manufacturing industries including the food, beverage, biotech and pharmaceutical sectors. Food products such as dairy, baked goods, cereals, beverages and confectionary demand pumps that meet today's hygiene standards and are able to handle products with care. With these pump, you can easily handle a wide range of viscous fluids and solid ingredients with next to no product damage. These pumps are typically manufactured from stainless steel or other food grade materials, to ensure the food is being handled in a way that is safe for human consumption. Depending on the viscosity of the liquid being transferred and whether the product is shear sensitive, differing pump technologies may be used for a food grade pump. We offer models specifically designed to handle viscous, delicate or temperature-sensitive ingredients and never compromise on the critical aspect of hygiene. Syno Food Pumps have the lowest product damage rates in the

industry and are the pump of choice for food processors around the world.

ITC HS Code 841360

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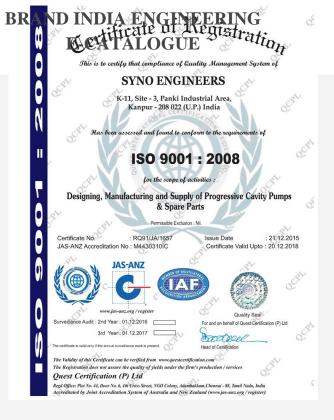
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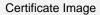
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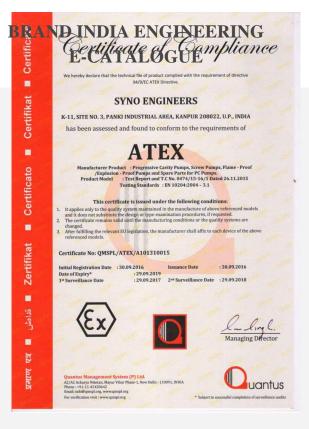












End Use Sectors Product Images



c Industries7









Technical Details Syno 'DC' Series offers a range of Dosing & Metering Pumps with Syno's

innovative design, quality workmanship and reliability. This Series is specifically designed for low flow, metering or dosing applications - offering continuous and accurate repeatability. 'DC' Series Pumps are used for feeding intermittently or continuously a controlled quantity of fluid / chemical within pre-determined time or at fixed intervals. The compact 'DC' pumps have high tolerance to aggressive chemicals and the renowned reliability of Syno. The repeatability accuracy has less than 1% fluctuation. These pumps are self priming, and the gentle non pulsating pumping action helps maintain product integrity with even the most difficult materials. The range of suitable substances includes viscous and slurry products, solids in suspension and air/liquid/solids mixtures. These versatile pumps have output directly proportional to speed. These are in hot demand by chemical processors, pharmaceuticals, photo film, textile, cosmetics, petroleum,

confectionery, detergent, beverages and host of similar industries.

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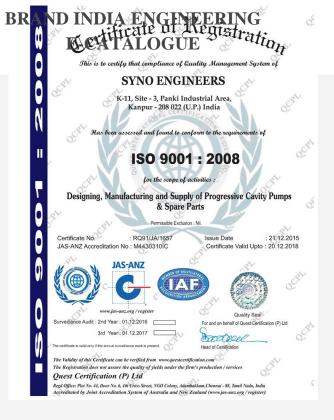
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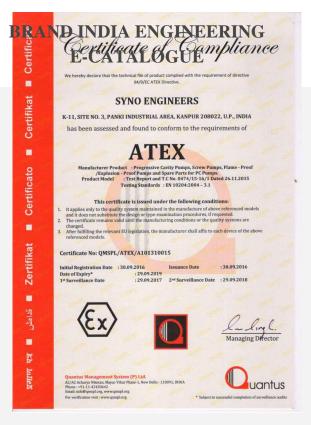












**End Use Sectors** 

**Product Images** 



r, Food, Sugar & Distillery, Pharmaceuticals, dustries etc.

Barrel Pumps - 'BBC' Series









**Technical Details** 

ITC HS Code **Certification Category** Certification/ Standard Issuing Agency Date of Issue

Date of Expiry

Certificate Image

Syno 'BBC' Series is comprised of Barrel pumps to empty containers safely and efficiently with the minimum of effort. This is a vertical self-contained pumping unit that efficiently handles relatively large volumes of liquids, including gasoline, fuel oil, and sea water during barge unloading and transfer operations. These Pumps are suitable for numerous applications within the oil, gas, chemical and many manufacturing industries. These pumps meet the demands of complete fluid management as well as provides safeguard from spillage issues. Further, the high safety standards and reliable performance of these pumps also make them perfect to handle corrosive & flammable liquids like gasoline, petroleum products and others. They are perfect for low as well as high viscous liquid. Because of their lower noise and easy maintenance, they are highly preferred.

841360

**Product Standard** 







**Product Standard** 





# **BRAND INDIA ENGINEERING E-CATALOGUE**

**Certification Category** 

Certification/ Standard

**Issuing Agency** 

Date of Issue

Date of Expiry

Certificate Image



Certificate No.: CE-2633 Manufacturer

: Syno Engineers

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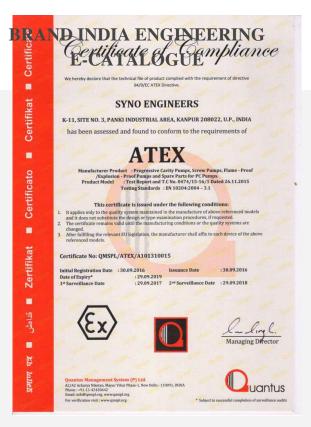












**End Use Sectors** 

**Product Images** 



r, Food, Sugar & Distillery, Pharmaceuticals, dustries etc.

Grouting & Light Weight Concrete Pump - 'X' Series









Technical Details The 'X' Series is built on a robust platform to solve the complex grouting and light

weight concrete applications. The pumps are especially designed with quick release Stator so that cleaning is made easy after each batch work. The "X" Series Pump comprises of specially designed Rotor & Stator geometries to suit extreme abrasive applications. Syno has been working closely with OEMs on major construction projects to built grouting systems. With the recent developments in equipment and materials, grouting is now more and more accepted as an efficient method for the treatment of soil and rock formations. Hence, choosing the right equipment is of the utmost importance, which Syno provides. Our Grouting Pumps are high performance pumps which can handle a wide variety of grout mixes including Neat Cement, Bentonite, PFA Cement and Sand Cement Grouts. These Pumps mix the materials in the most efficient manner. The pumping rate can also be adjusted to meet the requirements of the particular ground conditions. Our Grouting Pumps are widely used in different industries automobile, civil &

construction and many more.

ITC HS Code 841360

Certification Category Product Standard

Certification/ Standard ISO

Issuing Agency Quest Certification Pvt. Ltd.

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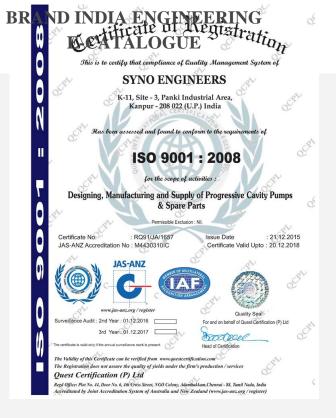
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Certification Category Product Standard

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Certificate Image ---

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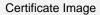
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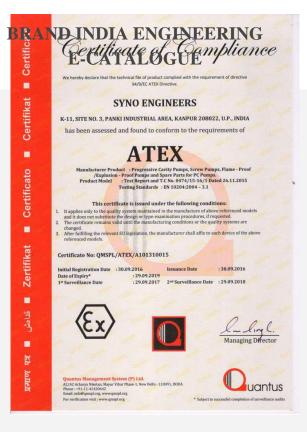












End Use Sectors
Product Images



Chemical Industries etc.

Borehole Pump - 'SBH' Series









Technical Details Syno "SBH" Series of Borehole Pump is mainly used for raw clean water supply

and is ideally suited for Private water supply systems, Industrial systems, lowering of groundwater level, Pressure boosting, Irrigation systems & Geothermal heating system. The Syno Bore Hole pump is the essence of simplicity in design. We carry a large selection of Bore Hole pumps for use in submerged and aboveground water systems. Our pumps are typically installed for use in residential clean water, residential wastewater, industrial, light commercial, agricultural, and municipal water systems. It is capable of handling sand laden water efficiently without due wear tear to its pumping element. Syno designed Rotor and Stator are immersed below draw-down level in the bore or well. The drive head is located at ground level for easy inspection, maintenance and installation. Speed of the pump can be adjusted to match well yield. Provides advantage over irrigation pumps as it can be driven through motor engine or even a tractor which enhanced its benefits especially in remote areas or in areas of frequent power-cuts. "SBH" series is

available for 3" to 8" bores.

ITC HS Code 841360

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Certification/ Standard ISO

Issuing Agency Quest Certification (P) Ltd.

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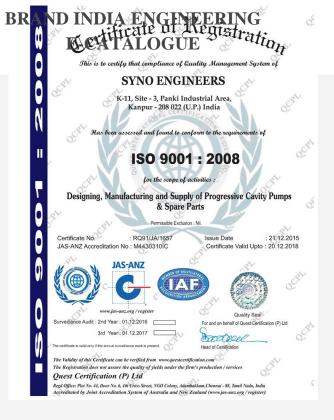
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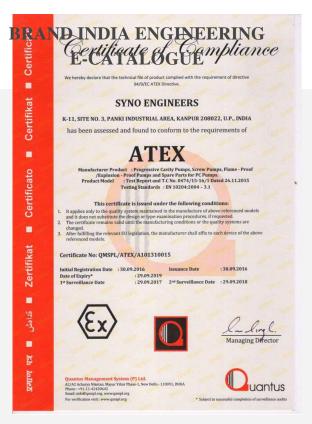












**End Use Sectors** 

**Product Images** 



r, Food, Sugar & Distillery, Pharmaceuticals, dustries etc.









**Technical Details** 

Known for its After Sales, Syno has set a Standard in itself for Sales & After Sales Services. We believe a Company not only grows because of its offered product but for the Services they provide after selling the Product. At Syno, we maintain extensive Stock of Spare Parts on Ready to Use Basis & Trained Personnel Support to Reduce the Down Time. Delivery is usually made within 24-48 hours. WIP is issued soon after the confirmation of Order & the Customer is Updated on the Progress Report from Time to Time. SYNO original spare parts can ensure optimum performance for your pump. Based on the 30 years experience in manufacturing the Progressive cavity pumps and components, knows the criticalities of the dimensions required for your pump to functions smoothly without any downtime. Further endorsed by the customers, it was found that the retrofit spare parts manufactured by us function even better than that of original pump manufacturers. We have a well equipped production unit, loaded with advanced technology machines and tools, enabling us to manufacture and supply a quality range of Pump Spare Part. Our diligent personnel team manufactures these parts using high quality materials, procured from the most authentic vendors. The parts are made available in different thickness and finishing as per the client's requirements. To provide a flawless range at client's end, we check the Pump Spare Part on certain quality parameters. Syno Parts are produced to ISO 9001:2000 using high quality materials, heat treatment processes and coatings. Strict quality procedures ensure the control of accurate manufacturing tolerances, resulting in dimensionally interchangeable parts. The process gives you increased abrasion and corrosion resistance to ensure every replacement part lasts longer, yet still offering you an economical product. All our parts are manufactured under the most stringent quality standards. Additionally, we also provide genuine spare parts and After-Sale Parts for various International brands (Please confirm the pump type and Model number as in your communications. This will ensure that we provide you with a quotation for the correct genuine spare parts). We offer Retrofit Spare Parts for all models of NETZSCH, ROTO & few of MONO, BORNEMANN & SEEPEX Pumps.

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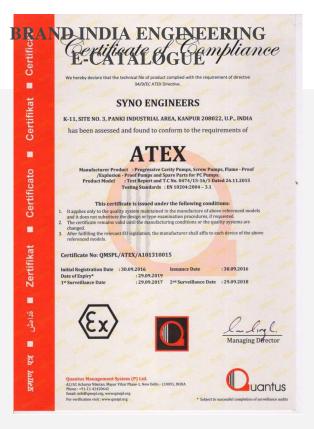












End Use Sectors

**Product Images** 

Waste Water, Grouting, Pulp & Paper, Food, Sugar & Distillery, Pharmaceuticals, dustries etc.

Sectors of Interest

Waste Water, Grouting, Pulp & Paper, Food, Sugar & Distillery, Pharmaceuticals, Oil, Power, Fertilizer and Chemical Industries etc.

Is OEM Supplier?

Indigenous

Is After Sales Service Provider?

Yes









Importance of niche products

With 40 years of vast experience in fluid engineering spanning over 300 fluid types, 10,000 pumps installed, Syno pumps endeavors to provide world class quality pumps with best-in-industry delivery schedule. Syno pumps also provides spare parts for other brands and repair refurbishing/reverse engineering services. SYNO offers unbeatable competitiveness. Our Pumps are manufactured from high grade components and technologically advanced machinery to ensure higher customer satisfaction. We strictly follow & comply industry standards. Every pump passes through stringent process & quality control plans and is designed to give longer life with consistent performance and trouble free service.

Potential market of niche products

We serve numerous industries including Waste Water, Grouting, Pulp & Paper, Food & Beverage Industry, Sugar & Distillery, Pharmaceuticals, Oil, Power, Fertilizer and Chemical etc.

**Product Supply Record** 

We have successful track record of 40+ years experience in delivering quality pumps and related spare parts.

Patented Technologies

NA

Awards/Accolades