



# **Company Profile**

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# Introduction

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We would like to take this opportunity to introduce our company LKS Industries : a complete manufacturer of strainers, valves, suction diffusers and special equipment's that is been supplying its products to Petrochemical , Chemical , Power , Oil & Gas , Water Treatment and Onshore / Offshore industries worldwide since its establishment in 2008.

Over the years LKS Industries has developed an extensive range of pipeline ancillaries, Conical , Y and Tee type Strainers , Bucket strainers , Valves , Suction diffusers, Storage tanks, Pressure vessels, Pipe Spools, Skids and thanks to our special engineering division, strainers for special applications.

All items can be supplied in carbon steel and stainless steel and in most cases, they are available in very short delivery times directly from our stock. Customized materials are also available on request. Manufacturing execution can be forged, cast or welded fabricated depending on the type and size.

LKS Industries can supply strainers from ½" to 82" for ratings up to 4500 lbs.

LKS Industries is a flexible and constantly developing company. Within our technical department part of the staff is dedicated to research and development, to enable our company to implement improvements or brand-new products on a regular basis.

LKS Industries quality, environment and safety systems are certified according to ISO 9001:2015. Our quality assurance department is an independent body, ensuring that our quality assurance, environment and safety procedures are respected and implemented throughout the entire cycle of the manufacturing process. We hope that you find our range of products interesting. Should you require any further detail or additional information concerning

LKS Industries, please do not hesitate to visit our website..... and to contact us at our premises, where we are at your complete disposal.

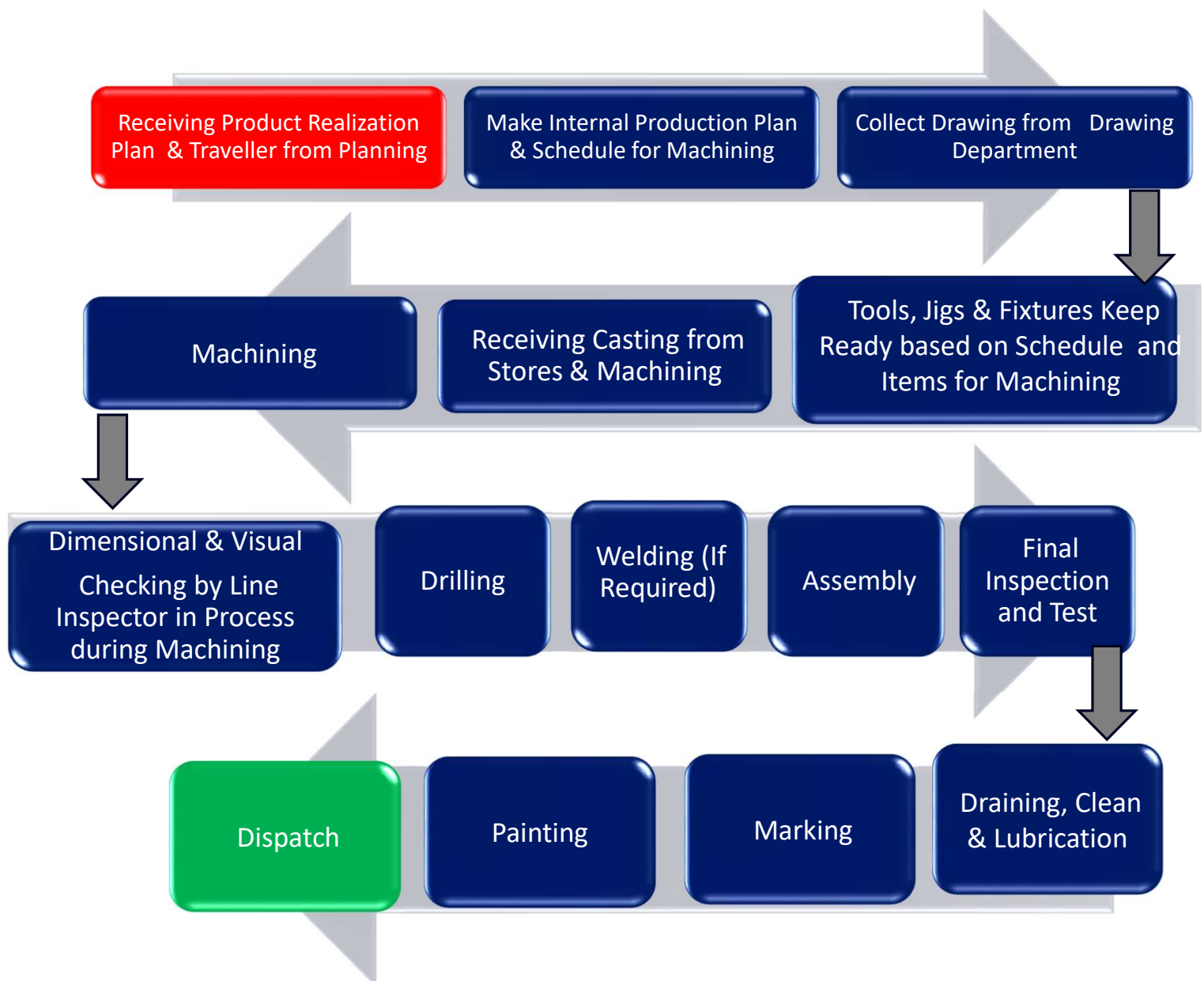
[www.lks-industries.com](http://www.lks-industries.com)

# Organizational Chart

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# MANUFACTURING PROCESS FLOW CHART



# Product list

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Our comprehensive ranges of products are as follows;

## **Industrial Strainers**

1. Y Type Strainers (Fabricated / Casted)
2. T Type Strainers (Fabricated / Casted)
3. Basket Type Strainers (Fabricated / Casted)
4. Conical Type Strainer
5. Dirt / Mud Box Strainer
6. Suction Diffusers
7. Duplex Strainers
8. Automatic Self-Cleaning Strainers
9. Sight Glass

## **Valves**

1. Ball Valves
2. Gate Valves
3. Knife Edge Gate Valves
4. Globe Valves
5. NRV / Check Valves
6. Foot Valves
7. Butterfly Valve
8. Slide Gate Valve
9. Diaphragm Valve
10. Air Eliminator
11. Double Acting Air Release Valve

## **Tanks**

1. Storage tank
2. Pressure vessels
3. Pipe spools
4. Skids

# INDUSTRIAL STRAINERS

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## Y Type Strainers (Fabricated / Casted)

Y-Strainers are devices for mechanically removing unwanted solids from liquid, gas or steam lines by means of a perforated or wire mesh straining element. They are used in pipelines to protect pumps, meters, control valves, steam traps, regulators and other process equipment.

Y Type Strainers can be used in horizontal or vertical (downward) pipelines. A cylindrical perforated or mesh-lined screen within the strainer collects debris as the flow travels through the strainer.

Cleaning Y-strainers normally requires the removal of the screen from the strainer, but a blow-off drain valve can be used to increase the time between cleanings. Features of Y-strainers include large straining capacities, precision machined seats, a standard blow-off drain connection furnished with a plug on low pressure models, and many screen options. All cast iron and carbon steel units are epoxy painted to resist rust; all threaded and socket weld end connections have hex ends for easy installation. Many models have gauge taps as a standard feature. "LKS" Y-strainers are available in ANSI classes up to 2500.



Y-Strainer



Y-Strainer

# INDUSTRIAL STRAINERS

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## **T Type Strainers (Fabricated / Casted)**

T-type strainer is also known as Bathtub strainer; they are used as fixed strainers in large bore lines of 2" and above. They may be flanged or welded to the pipe network on which they are mounted.

Tee strainers is a custom-made compound strainer intended to extract foreign contaminants from the pipeline. Tee Style Strainers are a low-cost option for high nominal bore straining specifications. They can be installed in vertical or horizontal pipes and can be designed for right-angled installations.

This strainer can be mounted quickly and requires less maintenance. Tee strainers feature either a screwed cover or a quick-opening cover for device adequacy. T Style Strainer can be used for both vertical and horizontal setups. Tee-type strainers are developed to remove particles from pipelines where a lightweight, compact & accessible strainer is required to safeguard pumps, valves, and related equipment. In addition to the screen, the use of extraordinarily obtained micron mesh often means that the highest possible functionality criteria are fulfilled.



T-Strainer

# INDUSTRIAL STRAINERS

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## **Basket Type Strainers (Fabricated / Casted)**

Basket Strainers features top removal of the screen. The screen is in the form of a basket, with a lifting handle, so that all particulate captured and retained by the screen can be easily removed for disposal. They are intended for applications where large amounts of solids particulate are expected and where the clean-out will be frequent. For easily flushable solids, a modified cone bottom basket can be tilted with automatic or manual blow-down through drain port.

This will allow clean-out without removal of the screen, and without interrupting the flow process. in size from 3/8" – 24" with Threaded, Socket Weld or Flanged End Connections. Pressure ratings are ANSI 125-600#. Standard body materials offered are Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Chrome-Moly and Bronze. Various Perforations, Mesh or Perforation Mesh combinations baskets are available to meet your process requirements. LKS Basket Strainers can be equipped with Bolted Covers, Hinged Covers, Clamped Covers, a Davit Lifting Device or other Lifting Device to make removal of large heavy covers safe and efficient. Widespread list of options is available. Basket Strainers is in stock at LKS ensuring prompt delivery of your order.



Basket Strainer

# INDUSTRIAL STRAINERS

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## Conical Type Strainer

Conical Strainers are known as Temporary Strainers, and these Conical Filter Strainers are used for the filtration of the system. We are suppliers of Cone type temporary strainers in fully various designs. The Conical Temporary Strainers are mostly used for testing purposes by new plants.

Conical Strainers are very cost-effective straining solutions in many applications. Where the amount of material to be removed from the flow is relatively small, resulting in long intervals between screen cleanings, the strainer screen is manually cleaned by shutting down the line and removing the strainer cap.

Strainers are devices for mechanically removing unwanted solids from liquid, gas or steam lines by means of a perforated or wire mesh straining element. They are used in pipelines to protect pumps, meters, control valves, steam traps, regulators, and other process equipment.

Conical Strainers are used in a wide variety of liquid straining applications to protect downstream process system components in many industries, including chemical processing, petroleum, power generation and marine. Water handling applications, where conical Strainers are used to protect equipment that could be damaged or clogged by unwanted sand, gravel or other debris, are very common.

Besides steam, conical strainers are often used in air and natural gas applications. Here again, high pressures are not uncommon. However, unlike steam high air pressure does not automatically mean high temperature and so, ordinary carbon steel bodies of sufficient wall thickness will generally suffice.

# INDUSTRIAL STRAINERS

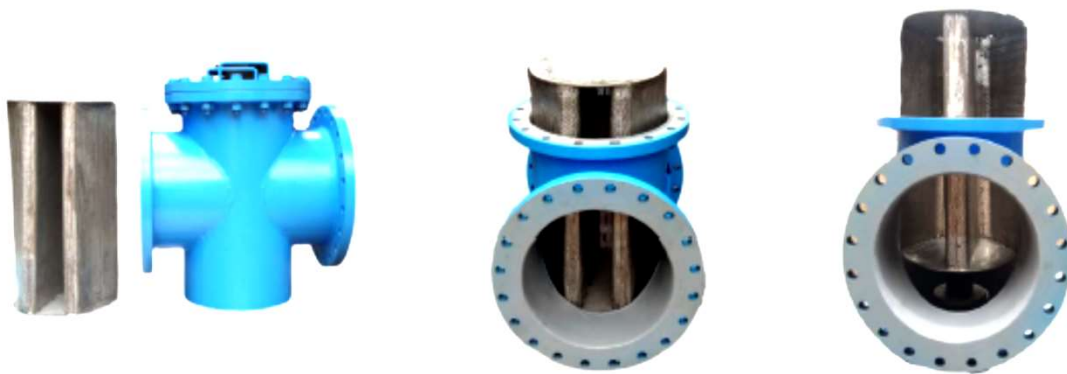
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Conical Strainer

## **Dirt / Mud Box Strainer**

The strainer is a filtering element incorporated in the pipe line. A Strainer can be 'POT' Type, 'Y' Type or 'BUCKET' Type strainer because of its shape. Inside the strainer is a mesh, which blocks any suspended impurities that the fluid has and is collected in the mesh.



Dirt/Mud Strainer

# INDUSTRIAL STRAINERS

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## Suction Diffusers

The Suction diffuser mounts to the suction side of a pump in either a horizontal or vertical position. It is designed to remove any foreign matter that may be hazardous to the pump or other system components, while providing the proper flow conditions to the pump.

Where space is limited, the LKS suction diffuser can be used as an elbow (in some cases a reducing elbow) with a built-in strainer easy maintenance and system performance.



Suction Strainer

## Duplex Strainers

Duplex strainer or twin basket strainer is a type of filter built into a fuel, oil or water piping system and it is used to remove large particles of dirt and debris. The duplex strainer system usually consists of two separate strainer baskets housings. The system also contains a valve handle placed between the two baskets to divert the flow of liquid to one strainer while the other is being cleaned. On some strainers, the valve will work automatically and the strainer will perform a self-cleaning operation.

# INDUSTRIAL STRAINERS

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These types of strainers are installed in pipeline systems where flow cannot be stopped. Depending upon their NB size they are capable of filtration up to 40  $\mu\text{m}$ . Basket Strainers find use in industries where impurities are mostly solids. Unlike other types of strainers, it is easy to conduct maintenance on these strainers.

Duplex strainers are mainly used in various industries such as process industry, power industry, chemical industry, oil and gas industry, pulp and paper industry, pharmaceutical industry, metals and mining industry, water and waste management, firefighting industry, refineries and petrochemical plants. Strainers are used to remove hazardous elements that might cause partial or complete breakdown of operations if they get into the system.



Duplex Strainer

# INDUSTRIAL STRAINERS

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## **Automatic Self-Cleaning Strainers**

Self-cleaning filters or self-cleaning strainers are innovative and efficient filtration systems that utilize their own system pressure to clean the clogged particles or dirt after a period of time. Self-cleaning filters/strainers allow clean fluid to flow through the system while removing particles or dirt.

Typical self-cleaning filtration systems include a fine screener, coarse screener, particle remover, piston, flush valves, differential pressure gauge, and a controller. These devices can successfully remove unwanted particles from a stream of water in the 5-4,000-micron range and at flow rates ranging from 10gpm up to many thousands of gpm in larger applications.

Self-cleaning strainers provide ideal filtration solutions with money, water, maintenance, equipment replacement, and energy savings. These filtering systems are also referred to as automatic self-cleaning filters/strainers, as this improved technology requires no routine maintenance.

An automatic self-cleaning filter/strainer, will not require constant changes in operational parameters, and system shutdowns like in conventional filtration systems where they require frequent inspections and shutdowns for maintenance like backwashing.

# INDUSTRIAL STRAINERS

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Automatic Self-Cleaning Strainers

## Sight Glass

Sight glasses have been in use in the industry for a long time. One of the earliest applications for these instruments was as water level gauges in the boilers of steam-powered locomotive engines, where they were used to ensure that water was kept at a specified level to maintain safe operations. For low-pressure, non-critical applications in which the fluid or media being observed is both low in temperature and non-abrasive, sight glass windows may be made from standard soda lime glass.

This type of glass, though, will crack at higher temperatures, so for process fluids up to 536°F, borosilicate glass or acrylic plastics are the standard materials used to construct sight glass windows. Above 536°F, sight glass windows are constructed from quartz or sapphire glass.

# INDUSTRIAL STRAINERS

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(Pic Sight Glass)

Note that sight glasses in this latter category are commonly used for high temperature processing applications in excess of 500°F or where process need more thermal shock or corrosion resistance. For some sanitary processing applications, sight glasses may also be made from high-grade specialty plastics such as acrylic or polycarbonates.

# Valves

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## Ball Valves

A ball valve is a shut-off valve that allows, obstructs, and controls the flow of liquids, gases, and vapours in a piping system by rotating the ball having a bore inside the valve.

The ball is mounted against two seats and has a shaft that connects it to the operating and control mechanism that rotates the ball. When the cross-section of the bore is perpendicular to the area of the flow, the fluid is not permitted to pass through the valve. The fluid flows through from the valve, and the fluid flow rate depends on the area of the bore exposed to the flow.



Lever Operation



Pneumatic Operation



Gear + Pneumatic  
Operation

Ball valves are a type of quarter-turn valve along with plug valves and butterfly valves. They can be operated manually or by using an actuator. The simplest operation of a ball valve is through the use of a wrench or a lever manually turned by an operator.

# Valves

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Torque is applied to rotate the lever arm by 90° by either clockwise or counterclockwise to open or close the valve. If the lever arm is parallel to the pipe, it indicates that the valve is open. If the lever arm is perpendicular to the pipe, it indicates that the valve is closed. Ball valves come in many designs and features to satisfy various industrial needs. The standards and specifications for ball valves vary depending on the industry where it is utilized.

## Gate Valves

Gate valve is a control valve that either allows media to flow through unobstructed or stops the fluid flow. The main advantage of a gate valve is the straight-through unobstructed passageway, which induces minimal pressure loss over the valve.

The unobstructed bore of a gate valve also allows for a pig's passage in cleaning pipe procedures, unlike butterfly valves. However, gate valves are slower than quarter-turn valves and should only be used in the fully open or closed position, not to regulate the flow.



Handwheel  
Operation



Motorized Operation



Gear Operation

# Valves

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Automated gate valves exist with either an electric or pneumatic actuator, but a manual gate valve is cost-effective since gate valves are typically used infrequently. Gate valves are also commonly referred to as sluice gate valves.

## Kinfe Edge Gate Valves

Knife gate valves are designed mainly for on-off and isolation services in systems with high content of suspended solids. Knife gate valves are especially beneficial for handling slurry in addition to viscous, corrosive and abrasive media. The valves have a minimized pressure drop in fully open position, they are easy to actuate, they have a relatively low weight and are cost-effective.

Knife gate valves are designed to work in some of the harshest environments, typically having a sharpened blade to cut through heavy liquids



Handwheel  
Operation



Motorized  
Operation



Pneumatic  
Operation



Gear  
Operation

# Valves

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They are especially useful in wastewater applications where corrosion is an important issue. So, in addition to the valve design optimized for slurry media, it is beneficial to have a knife made of acid-proof stainless steel as this makes it less susceptible to damages caused by corrosion and as a consequence it needs less frequent maintenance or even replacement.

Knife gate valves should only be used for applications requiring a completely open or completely closed position and should not be used to regulate flow unless they are designed for it. Whenever fluid is forced against a partially closed gate, there will be a vibration, gradually eroding the disc and seat. In addition, the knife gate valves are designed to slowly open and close to safeguard against the impacts of water hammer.

## Globe Valves

A globe valve is an instrument used to stop and/or control the flow of fluids in a pipeline. It works by halting the flow of a fluid through a pipe. The name globe comes about due to the valve's cylindrical shape. There are usually two halves of the body within the globe valve that are separated by an internal baffle.



Handwheel Operation



Gear Operation

# Valves

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Even though globe valves exhibit more pressure drops than gate valves, you can use them where the pressure drop via the valve is a non-controlling factor. Another name for globe valves is throttling valves when they are used for throttling purposes.

The primary purpose of a globe valve is to halt, start, and regulate liquid and gas flow in pipes. It usually has a movable disk-type component and a non-moving ring seat in a cylindrical body. The globe valve's seat is at the center and side-by-side to the pipe, while the seat's opening is shut off using a disk or plug. The structure of globe valves allows them to handle flow in both directions.

## NRV / Check Valves

A non-return valve, also known as a check valve, clack valve, one-way valve or retention valve, is designed to allow fluid to flow in one direction only, therefore preventing the liquid or gas from flowing back upstream of the valve. In this guide, we take a look at how a non-return valve operates, and what a non-return valve is used for, including some of the applications in which you might find one.



Non-Return Valve

# Valves

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A non-return valve's functions include preventing reverse flow, protecting equipment, ensuring system efficiency, avoiding mixing or contamination, and enhancing safety. It is essential for maintaining desired flow direction, preventing damage, and maintaining system integrity.

Non-return valves work automatically, which means that most are not controlled by a person or an external control but by the media flow itself. Depending on exactly what a non-return valve is used for, where it is used, the media flow and the budget available, there are a variety of different types of designs to select from according to the specific application. Types of non-return valves include those designed using a diaphragm, a swing or tilting disc, a stop, a lift, or a ball non-return valve.

## Foot Valves

The mechanism of the foot valve is automated that helps to prevent damage to the pipe, keeping the pump prime and maintaining the unidirectional flow with intact suction avoiding dry runs. To minimize head loss, the valve opening is designed to be larger than the line itself.

The foot valve acting as a check valve is assisted with spring. The valve responds by opening as the pressure inside the pump column changes when the pump is turned on. The valve gets closed when the pump is stopped or turned off.

This mechanism of the foot valve stops fluid from flowing back to the source out of the pump column and causing the pump to lose prime every time it turns off.

# Valves

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Foot Valve

This mechanism of the foot valve stops fluid from flowing back to the source out of the pump column and causing the pump to lose prime every time it turns off.

To keep the debris out of the pump, a strainer is a key part. It is crucial to keep the debris out as even a small number of debris can be detrimental to the internal parts of the pump, especially in multistage pumps, like vertical turbines, as they have a very low tolerance. The strainer also keeps debris from becoming lodged in the foot valve.

# Valves

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## Butterfly Valve

Butterfly valves are a family of quarter-turn rotational motion valves that are used in pipelines to shut-off. A couple of their key advantages over other valve families are their simple construction and compactness, resulting in the end products being of lighter weights and lower cost and with smaller installation footprints and faster actuation speeds.

Butterfly valves are flanged double eccentric type (double offset) type. The double offset or eccentricity refers to the fact that this valve design involves two offsets of the disc from the valve body's center or the axis of rotation of the stem.



Lever Operation



Gear Operation



Pneumatic Operation

The construction of a butterfly valve is relatively simple, with the rotation of the valve disc controlling the fluid flow

# Valves

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In the closed position, the disc blocks the valve bore while in the open position, the disc is oriented perpendicular to the flow direction to allow flow. Butterfly valves generally provide bi-directional flow and shutoff capability.

However, they are not full-bore, which renders them unsuitable for pigging or swabbing. The body material is ductile iron with an epoxy powder coat on both internal and external surfaces. The valves are typically operated by handwheels, gears, or actuators, or a combination thereof, according to the specific application requirement and technical specifications. We will be discussing the actuation methods later in the article.

There are multiple ways to operate, or actuate, a butterfly valve - manual, semi-manual, or fully automatic. Due to inherently lower torque requirements, sizing and installing actuators are less expensive for butterfly valves compared to others, like gate valves.

## **Slide Gate Valve**

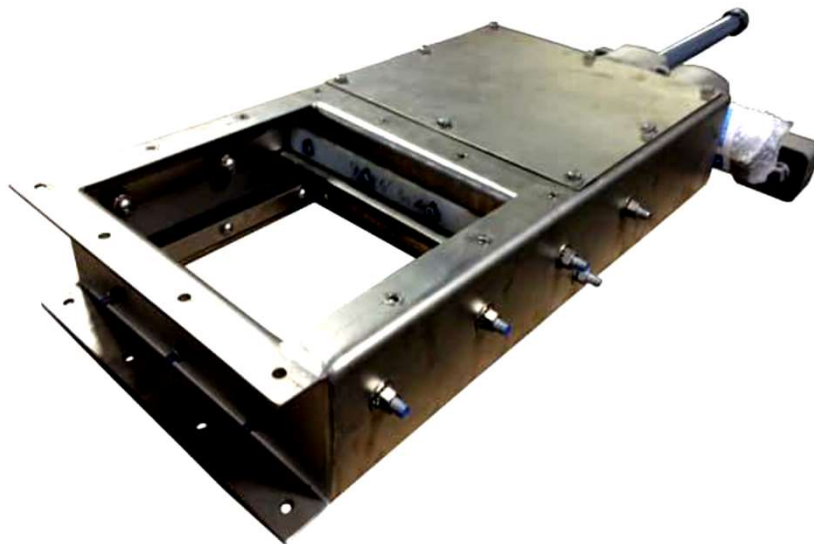
Slide gate valves are designed to provide an efficient method for controlling the flow of free-flowing dry bulk materials. Although there are some major differences, slide gate valves are also known as knife gate valves. These type of gate valves are generally installed at the outlet of dry bulk storage bins, silos, hoppers, chutes, mechanical conveyors or any similar gravity discharge points.

A rectangular blade (knife) made of thick sheet metal moves horizontally in the valve body. It can shut off the flow of the product completely or it can be kept open at intended level to control product flow speed. When the blade is in open position, bulk material in powdered, pellet, flake or granular form falls freely through the slide gate valve.

# Valves

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When the blade is in closed position, it functions as a shut-off valve and prevents the product flow completely with the aid of proper sealing. Additionally, sliding blade can be adjusted to any position to maintain desired product flow rate. There are multiple ways to operate, or actuate, pneumatic, manual, semi-manual, or fully automatic.



Slided Gate Valve

## Diaphragm Valve

A diaphragm valve, or membrane valve, is a valve with an elastomeric diaphragm and a seat upon which the diaphragm rests when it is closed. The flexible diaphragm obstructs, controls, or isolates the flow of fluids and acts as a flow control device.

# Valves

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In a diaphragm valve, the diaphragm element flexes up or down to increase or decrease the fluid flow rate. The valve is sealed when the diaphragm is pressed firmly against its solid seat. Diaphragm valves are linear motion valves that monitor and control linear movement of fluids.



Diaphragm Valve

Diaphragm valves are named for the flexible disc that blocks flow when it makes contact with the seat of the valve. The diaphragm is a pressure responsive component that is highly flexible and produces sufficient force to open, close, or control the function of the valve. Diaphragm valves are like pinch valves that use a liner as part of the valve body instead of a diaphragm.

Compared to other valves, diaphragm valves have a simple construction. Due to the minimal contact between their internal components, the build- up of sediments and biofilms in diaphragm valves is very limited and does not interfere with their performance.

It is for this reason that they are widely used in food and pharmaceutical manufacturing, water treatment, sewage pipelines and treatment plants, electronics manufacturing, and pulp and paper production.

# Valves

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## Air Eliminators

Air Eliminators improve the circulation of pressurized liquids by eliminating air and other non-condensable gases, which may collect at high points in the system. An air eliminator is a segment of piping which attaches to a main pipe to trap and release air, fitted ahead of flow meters in a pipeline so that air will not be measured and a more accurate volumetric reading can therefore be taken.



Air Eliminator

Steam is one of the best insulators and therefore it is imperative it is removed. Any air that is in a steam system will travel to the highest point therefore an air eliminator is also used on the steam main at the highest point to remove any air in the system prior to process equipment. Air eliminators are typically made from metal (such as aluminum or steel) or polyvinyl-chloride (PVC) and typical applications include cold water lines, suction lines to pumps, mixing tanks, condensate return lines, cooling water lines on air compressors, and water storage tanks.

# Valves

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The cast iron AE16, stainless steel AE16SS (our most popular air eliminator product) and AE17 air eliminators remove air from HVAC systems and are also suitable for non-corrosive and/or dangerous liquids, providing that their specific weight is not less than 0,75Kg/dm<sup>3</sup>. Connections are female screwed on all of these models.

The carbon steel AE20 and AE32, and stainless steel AE30SS, air eliminators remove air from hot and superheated water systems and are also suitable for all liquids compatible with the construction, providing that their specific gravity is not less than 0,75Kg/dm<sup>3</sup>. Connections are female screwed or flanged for horizontal or vertical installation.

## Double Acting Air Release Valve



Double Acting Air Release Valve

A **double acting air release valve** is a specialized device used in fluid piping systems to automatically manage air within the pipeline.

# Valves

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Its primary function is twofold: to release trapped air from the system during normal operation and to admit air into the pipeline during draining or when negative pressure occurs. This dual functionality helps maintain system efficiency, prevents pipeline damage due to vacuum conditions, and reduces energy losses caused by air pockets.

Typically constructed from durable materials such as ductile iron, these valves feature internal components like stainless steel floats and rubber seals that ensure reliable performance and long service life. The valve operates using a float mechanism that reacts to the presence of air or water inside the chamber, opening or closing the orifices accordingly. It usually contains a large orifice for rapid air intake and exhaust, and a smaller one for continuous air release under pressure.

Double acting air release valves are widely used in water supply systems, irrigation networks, wastewater lines, and various industrial applications. Their ability to automatically manage air in the system ensures smooth operation, reduces the risk of pipeline bursts or collapses, and contributes to overall pipeline longevity.

# Tanks

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## Storage Tanks

We design and manufacture stainless steel storage tanks tailored to your specific needs. Whether you require a compact 500-litre vessel (approx. 130 gallons) or a large-scale 10,000 m<sup>3</sup> tank, our tanks are built to handle a wide range of storage applications across industries including food, water, chemicals, and pharmaceuticals. Our stainless steel storage tanks are engineered for durability, hygiene, and safety. Constructed in our Facility, each tank is designed to meet the highest quality standards and industry regulations. From vertical tanks for water treatment to insulated vessels for sensitive chemical products, we offer solutions that perform reliably and meet all your operational demands.

We supply stainless steel storage tanks in a variety of configurations, including **vertical**, **horizontal**, **single-** or **double-walled**, and **jacketed** options. Here's how we serve different sectors:

1. Food & Dairy
2. Brewing & Beverage
3. Water & Waste Water
4. Chemical & Industrial



Storage Tank

# Tanks

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## Pressure Vessels

The pressure vessel is designed to provide a storage facility and pressure reservoir for water at temperatures up to 70°C. Common uses are in water booster sets, heating pressurization and fill sets. The vessel incorporates a Butyl diaphragm mounted in a Stainless-steel shell. This method of construction eliminates any contact between the stored water and the steel shell of the vessel, and is therefore suitable for use with potable water. The vessel is supplied pre-charged, but this pressure may require adjustment to suit the site conditions. This adjustment must be made with the vessel isolated from the system, and before filling with water. All pressure vessels should be installed with an isolating valve and drain cock.



Pressure Vessel

# Tanks

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## Pipe Spools

Pipe spools are pre-engineered, prefabricated piping assemblies that combine pipes, fittings, flanges, and other components into fully welded, installation-ready sections. Fabricated according to detailed isometric drawings and strict dimensional standards, these spools ensure accuracy, consistency, and structural integrity during installation.

Widely used in industries such as oil & gas, petrochemical, water treatment, marine, power generation, and offshore operations, pipe spools are essential for projects requiring speed, precision, and reliability.

Advantages of Pipe Spool Fabrication Prefabrication minimizes fieldwork and accelerates installation timelines. All welding is performed in controlled, certified facilities by qualified personnel. Avoids delays caused by material shortages or adverse site conditions. Minimizes field welding, reducing the risk of errors and enhancing safety. All spools undergo rigorous quality checks, including Radiographic Testing (RT), Hydrostatic Testing, Positive Material Identification (PMI), Non-Destructive Testing (NDT).



Pipe Spools

# Tanks

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We manufacture custom pipe spools in a wide range of materials to suit various process demands Stainless Steel (304 / 316), Carbon Steel (ASTM A106 / A105), Duplex & Super Duplex, Alloy 20, Incoloy, Inconel.

Whether your application involves corrosive environments, high pressure, or elevated temperatures, our pipe spools are fabricated to meet your exact specifications.

## Skids

Skid systems are fully integrated, modular units that combine process equipment, piping, valves, instrumentation, and controls onto a single structural frame or platform. Designed for plug-and-play installation, these systems are pre-assembled, pre-tested, and delivered as complete, ready-to-install packages, significantly reducing onsite fabrication time and ensuring faster commissioning.

Skid-mounted systems are ideal for industries such as oil & gas, petrochemical, water treatment, chemical processing, power generation, and pharmaceuticals, where reliability, compact design, and operational efficiency are critical.

Easily transportable and expandable based on project needs. Minimizes installation time, site disruption, and safety risks. Fabricated under controlled conditions to ensure consistent quality and adherence to specifications.

# Tanks

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Each skid is designed to meet specific process requirements, flow rates, pressure ratings, and footprint constraints. Systems undergo rigorous factory acceptance testing (FAT) including hydrostatic testing, electrical checks, instrumentation calibration, and more.

## Typical Skid Types We Offer

- Pump Skids
- Filtration Skids
- Chemical Injection Skids
- Heat Exchanger Skids
- Utility & Process Skids

We design and manufacture skids using a wide range of materials including carbon steel, stainless steel, duplex, and high-performance alloys, tailored to handle corrosive, high-pressure, or high-temperature conditions.

# Why Choose Us

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## **Premium Quality Strainers**

We manufacture high-performance strainers designed for durability, efficiency, and reliability across various industrial applications.

## **Comprehensive Product Range**

We offer an extensive selection of products, catering to diverse operational needs and industry requirements.

## **Uncompromising Focus on Quality**

Our core emphasis is on delivering superior quality products that meet and exceed customer expectations.

## **Proven Expertise**

Backed by deep industry experience, we bring technical excellence and precision to every project.

## **Skilled & Professional Team**

Our team comprises highly trained professionals and domain experts dedicated to delivering engineering excellence.

## **On-Time Delivery**

We pride ourselves on delivering products before the committed timelines, ensuring smooth project execution for our clients.

## **Robust R&D Capabilities**

Our dedicated research and development team continually innovates and enhances product quality and performance.

## **Competitive Pricing**

Our products are offered at highly competitive rates without compromising on quality or service.

## **International Standards Compliance**

All our products are manufactured to conform with international quality standards, enabling their use in both domestic and global markets.

## **High-Grade Materials & Modern Technology**

We use premium raw materials and state-of-the-art manufacturing technologies to ensure exceptional product performance and reliability.

## **Customization Options**

We provide easy and flexible customization to meet specific client requirements and application needs.

# Application

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LKS Industries are used globally for different application and are mostly used by the sectors like:



Power Plant



Oil Refinery



Food Industry



Cement Industry



Pulp & Paper Industry



Mining & Mineral Plants



Petroleum Industry



Chemical Industry



Steel Industry

# Clients

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## LKS Industries

25/C, Parvathy Sankaran Premises,  
Sankar Sealing Road, Ayanambakkam,  
Chennai-600095.

[www.lks-industries.com](http://www.lks-industries.com)

Contact: 8148651319/+91 44-46189899

Email: [sales@lks-industries.com](mailto:sales@lks-industries.com)