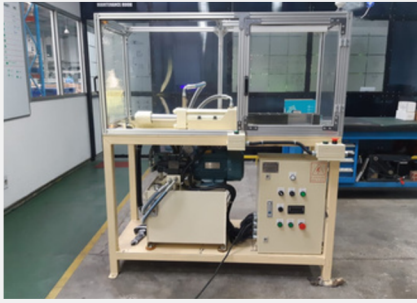


# GENERAL ENGINEERING

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## JIG LOT Machine

A JIG LOT Machine typically refers to a type of machine used in manufacturing processes where precision and consistency are crucial. It combines a jig (a tool or device used to guide the workpiece or tool during machining) with a system that processes multiple parts at once in a batch, known as a lot. This allows for efficient, high-precision production of parts.

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## Powder Bucket conveyor

A Powder Bucket Conveyor is a material handling system designed to transport powdered or granular substances. It uses buckets attached to a moving belt or chain to carry the material in an enclosed, controlled manner. This type of conveyor minimizes spillage, dust, and contamination. It's commonly used in industries like food processing, chemicals, and pharmaceuticals.

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## Tyre Gantry Cutting setup

A Tyre Gantry Cutting Setup is a system used to cut and process scrap or used tires into smaller pieces for recycling or disposal. It typically involves a gantry crane that moves tires into position for cutting and a specialized cutting or shredding machine to break down the tires. The setup may include

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## Shoulder pad press

A shoulder pad press is a specialized machine used in the manufacturing or assembly of shoulder pads, typically for sports equipment like football pads or protective gear used in industrial or military applications. The press is used to apply pressure and heat to mold, compress, or shape the shoulder pad components, ensuring they meet specific form, fit, and durability standards.

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## PVD Coating Fixtures

PVD (Physical Vapor Deposition) coating is a technique used to deposit thin films of material (often metals, alloys, or ceramics) onto the surface of substrates, typically to enhance their wear resistance, hardness, corrosion resistance, or aesthetic properties. PVD coatings are commonly used in industries such as automotive, aerospace, and tool manufacturing.

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## SS Conveyor

An SS (Stainless Steel) conveyor refers to a conveyor system made primarily from stainless steel, a material known for its durability, corrosion resistance, and hygienic properties. SS conveyors are widely used in industries where sanitation, strength, and resistance to harsh environments are essential, such as food processing, pharmaceuticals, and chemical industries.

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## Packaging & Guid conveyor

A Packaging & Guid Conveyor is a type of conveyor system specifically designed for use in packaging lines and to guide products during the packaging process. It typically integrates two main functions: transporting products and guiding them accurately along a specific path for further processing, such as packaging, labeling, or sealing.

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## Roller conveyor

A roller conveyor is a type of material handling system that uses rollers (cylindrical wheels) mounted on a frame to transport goods or materials along a fixed path. The rollers are typically arranged in a series, allowing items to move smoothly by gravity or motorized power.

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## Belt Conveyor

A Belt conveyor is a type of mechanical handling equipment used to transport materials or goods from one point to another. It consists of a continuous loop of belt (usually made of rubber, fabric, or metal) that moves along two or more pulleys, with one or more rollers providing support along the length of the belt.

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## Sensor Bracket

A sensor bracket is a mechanical component designed to securely hold and position a sensor in a specific location within a system or apparatus. It plays a crucial role in the installation and operation of sensors, ensuring that they are correctly aligned and protected while maintaining their functionality and accuracy.

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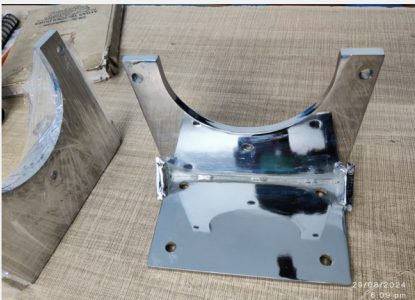
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## Magnetic Separator

A magnetic separator is a device used to remove magnetic materials (like iron, steel, or other ferrous metals) from a mixture or flow of materials, often in industries like mining, recycling, food processing, or pharmaceuticals. It works by utilizing magnetic fields to attract and separate magnetic particles from non-magnetic substances.

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## AGV Wheel Bracket

An Automated Guided Vehicle (AGV) system, also referred to as autonomous guided vehicles, self-guided vehicles or mobile robots, are material handling systems that transport goods or materials within a controlled environment without the need for a human operator or driver.

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## Bandsaw Handle

A bandsaw handle refers to the part of a bandsaw machine that is used by the operator to control or adjust the machine, particularly for guiding and positioning the saw blade during operation. It is typically a hand-operated component designed for ease of use, enabling the operator to adjust settings such as blade tension, height, and sometimes the position of the blade guides.

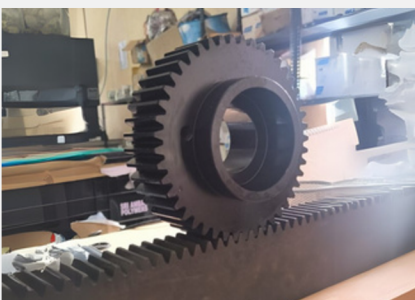
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## Flange

A flange is a mechanical component used to connect, secure, or seal two parts, typically in piping or machinery. It is a flat, circular piece with holes for bolts or screws to join components together. Flanges help create a leak-proof seal and provide structural support. They are commonly used in plumbing, industrial, and construction applications.

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## Spindle

A spindle is a rotating shaft or axis in machinery that is used to hold and rotate a workpiece or tool. It plays a key role in transferring rotational motion and can be found in various types of machines, including lathes, milling machines, and electric motors.

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## Mixing Screw

A mixing screw is a key component used in various industrial processes to blend, mix, or convey materials. It is typically part of machines like extruders, mixers, or kneaders, where it helps to achieve uniform material distribution, improve consistency, and enhance process efficiency.

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## SDT Spindle

An SDT Spindle typically refers to a type of spindle used in machining or precision engineering applications, where high-speed rotation is essential for processes like milling, grinding, or drilling. SDT spindles are widely used in CNC machines and other precision equipment due to their ability to operate at high speeds while maintaining stability and precision.

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## Sand Paper Lock

A sandpaper lock typically refers to a mechanism or tool used to secure sandpaper to a sanding tool, such as a sander or sanding block, ensuring it stays in place during use. The lock or fastening system is designed to make it easy to attach and replace sandpaper quickly without it slipping or moving during the sanding process.

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