



PILLAR TYPE POWER PRESS

A pillar-type power press is a mechanical press used in manufacturing for operations such as stamping, punching, bending, and forming of metal or other materials. It consists of several key components that work together to carry out the press operations. This machine contains extra amount of strength and durability.



AMERICAN TYPE POWER PRESS

The frame of the American-type power press is typically designed to be more robust and rigid to handle higher forces and speeds. Similar to the C-type press, the American-type power press uses a flywheel to store rotational energy. The flywheel provides power to the ram, enabling it to complete the downstroke quickly and efficiently. A hydraulic cylinder in a power press operates as a crucial component in converting hydraulic energy into mechanical force to perform tasks like punching, stamping, or forming materials.



H-TYPE POWER PRESS

An H-type power press is a mechanical press used in various manufacturing processes, primarily for stamping, punching, bending, and forming metal parts. The design of an H-type power press is specifically built to handle heavy-duty tasks with precision and efficiency. The H-shaped frame provides the structure and stability for the press. It is called "H-type" because the frame looks like the letter "H" when viewed from the side.



H TYPE POWER PRESS WITH PNEUMATIC CLUTCH

The "H-type" refers to the shape of the frame, which resembles the letter "H". This structure is designed to offer better support and stability to the press during operation, ensuring precise performance and durability. Typically consists of a sturdy, rigid frame that houses the mechanical parts, a ram or punch that delivers force, and a die set that shapes or cuts the material. The pneumatic clutch is a type of clutch that uses compressed air to engage or disengage the press mechanism. This is different from a traditional mechanical or hydraulic clutch.



CROSS SHAFT POWER PRESS

A High-speed power press that comes with extra safety features. High-speed power presses are typically used for tasks like metal forming, stamping, and punching, and they operate at a very fast rate while maintaining precision. These require both hands to be engaged to activate the press, reducing the risk of injury. These are invisible beams that detect the presence of objects (like hands) in the danger zone and can stop the press before an injury occurs. Easily accessible emergency stop buttons allow for immediate shutdown in case of a malfunction.



UNDER CRANK SHEARING MACHINE

An under crank shearing machine is a type of mechanical equipment used in sheet metal fabrication to cut or shear metal sheets. It is commonly used in industries like metalworking, construction, and manufacturing. The term "under crank" refers to the mechanism of the machine, where the crankshaft and other moving components are located beneath the shearing blade or the cutting surface.