

Hydraulic Press

The Hydraulic press is a machine with many different uses and is an important piece of machinery for factories. It provides an extreme amount of force provided by a much easier way than just using pulleys and other simple machines using fluids hence the name hydraulic press. It can also be used in many other conventional ways like cooking. Our design is much more efficient and is just better than any other industrial machine that you can now purchase for your home.

The hydraulic press uses a large amount of force to crush and flatten objects that would be harder to crush through human hands. The objects that it is mainly used to crush are mostly things that aren't needed anymore. For example, industrial hydraulic presses are used to crush junk cars. These crushed materials are then refined, if needed, and then used in other products. Our version of the hydraulic press can't crush cars because it is a smaller version. However, it can crush common objects, which could then be used to make certain products. This can probably benefit constructors by helping them get certain materials that they'll need for their work.

The design of this revolutionary machine is a good example some of the most groundbreaking ideas in physics. The most important of how the press works is in the title, which is hydraulic. The whole premise is that when force is put upon a fluid it distributes the force equally providing a concentrated amount of force. This is known as pressure, the pressure pushes down to smaller piston which creates a focal point of force where all of the pressure is being distributed too pushes down creating an almost unstoppable force. The whole concept of the machine is working under the law of pascal which is also how brakes and are also why cars are able to work.

The main differences between our design and the traditional factory design is that ours is compact and has more practical uses. Unlike the ones in the factory ours can be put in the kitchen with other appliances. The main appeal is that it can be used for creating refined ingredients for cooking by selecting what kind of grate you want to use. You can pick how chopped you want your food. For example you can set it to mince mode, which will make it into a powder. There are also two types of these machines you can buy. You can buy the electric one, which requires no labor but a source of electricity with 12 volts. There is also the hand pump version which cost less money but creates pressure with a pump. It takes about 30 pumps to get it to maximum pressure. The electric press cost \$349.99 and the hand pump press cost \$249.99 both plus shipping and handling.

In conclusion, our version of the hydraulic press is better for normal use in that it is smaller and cheaper than normal presses. It has more uses, too, such as the ability to cut certain ingredients for cooking uses. We also wanted to help conserve energy to help the environment, so we made a press that runs electricity but which needs to be pumped to operate. Our device doesn't affect society in any way; it is meant to be used as a household tool.