

& Co., of Bonaventure-street, Montreal, who publish a handsomely illustrated catalogue, which they will be pleased to forward intending purchasers, on application. Messrs. Tees & Co. manufacture upwards of *one hundred* styles of desks, and have recently sold a nice assortment to a Winnipeg dealer. They use only the best grades of seasoned lumber, and pay great attention to turning out only goods of first-class workmanship. Their factory has been running full time all winter, and they have not long since added a line of the newest and most approved machinery. Messrs. Tees & Co. also manufacture a variety of lines of school furniture. Principals and head masters will find the "Eureka" and "Excelsior" desks admirably adapted to their needs, while the "Peerless," "Windsor," and "Victoria" are suitable for teachers. Scholars' desks are made in several styles, and are light and attractive.

#### "DEAD STROKE" POWER HAMMER.

The accompanying cut shows a power hammer which is not new to the manufacturing world, its merits having gained for it a place in a large number of the manufacturing institutions of this country and of Europe. Its compactness, serviceability, adaptability and great power have combined to give it a great popularity for small or ordinary work. The absence of cylinders, valves, pistons, etc., renders it less liable to get out of order than steam hammers. The ram, or striking part of the hammer, being suspended on a flexible belt attached to the ends of a semi-circular elliptic spring, gives not only great elasticity to the stroke, but an immensely accumulated stroke, while the elasticity does away with the otherwise unavoidable and disastrous jars which tell so quickly on all machinery. The force

of the blow is regulated entirely by the operator, whose foot rests upon the lever, which communicates at the top with the friction pulley by means of which the power is communicated. The stroke is very quick and rapid, and may be varied instantaneously at the will of the operator. It is made in seven sizes, from 15 to 500 lb. Ram, to accommodate the work to be performed. As a rapid dead stroke hammer it has no successful rival.

There are about 600 of these machines now in use all over the United States and Europe, and hundreds of parties have testified to their merits. The scope of work on which they can be profitably used for die work or general forging ranges from cutlery and files up to axles. File-makers have long used them extensively, and even gold-beaters are beginning to adopt them. For general machine shops, car builders, bridge works, &c., they can not be equalled.

The advantages of these machines, as ascertained by experience, are as follows:

They can be run at high speed without breaking to pieces.

Having neither cylinders nor valves, repairs are very trifling.

They strike *harder* and truer blows than Steam or Trip Hammers of same weight of Ram.

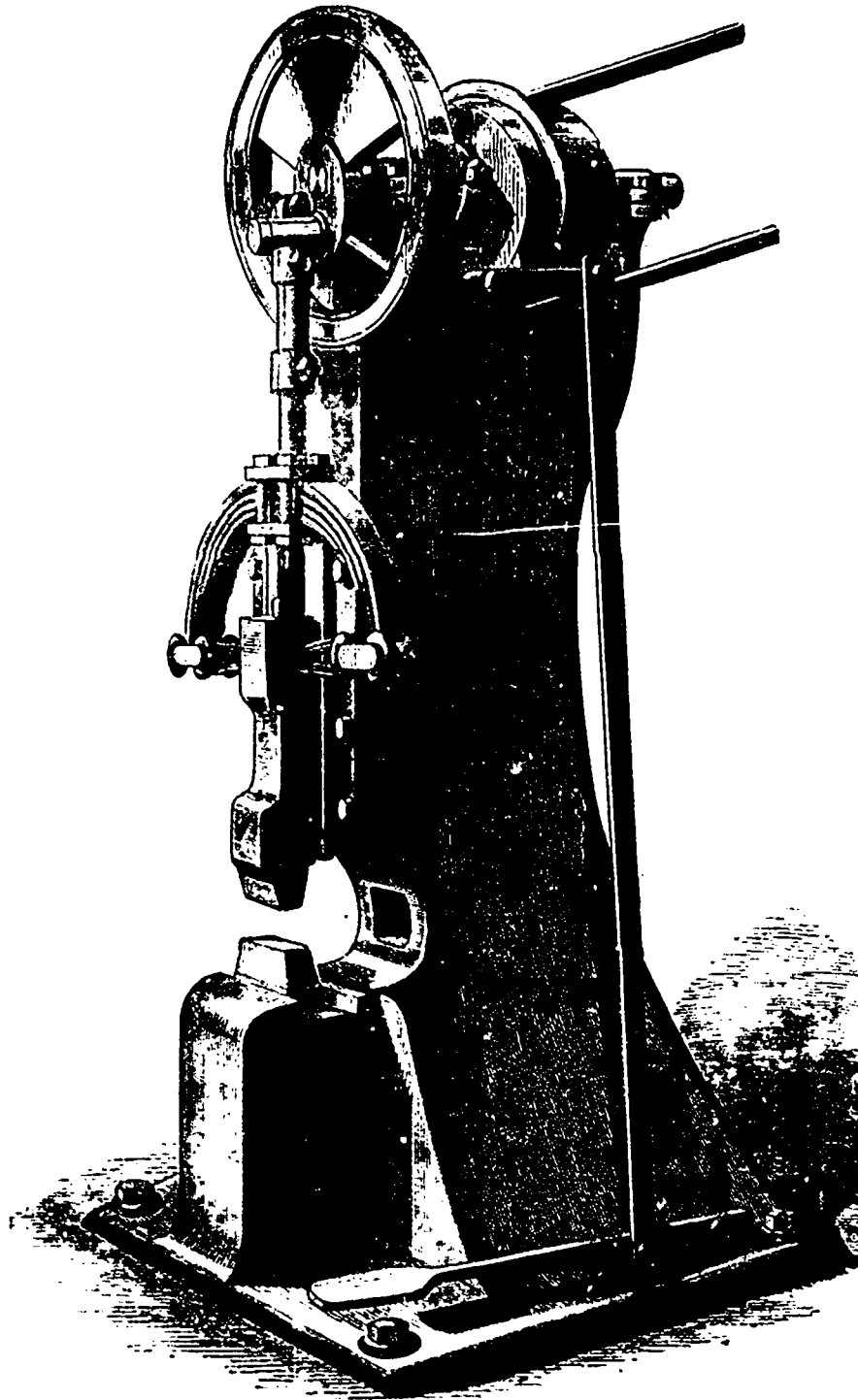
The dies are readily changed, and they have no equal on "Die" work.

They can be operated by any ordinary mechanic.

They occupy but little room, and consume a small amount of power.

These machines are manufactured by the Patentees, Philip S. Justice & Co., 14 North 5th St., Philadelphia, Penn., who will send circulars to all enquirers.

An International Exhibition of Furniture is to be held in Paris this year, from the 1st of August to the 15th of November.



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