**Hydrostatic Baling-press.** One in which the force of water under pressure is made to compress the fibrous material to be baled.

In the example shown, the beater $B$ is first operated, and, when the process has gone to a certain extent, the beater is made stationary, and the follower $D$ raised. Both operations are effected by hydraulic operation. The suspension rope of the beater winds on the wheel $M$, which is rotated by pinion and rack, the latter being depressed by a piston in cylinder $J$. The rope is tripped off the wheel from time to time, automatically, allowing the weight $B$ to fall, and again and again re-winds and slips off. At the proper time the cock is turned, and the water turned on to the other cylinder $J$, beneath the follower $D$, and the latter is raised by the pressure of water beneath the piston in said cylinder. $G$ represents the material under pressure.

In Fig. 2390 the motive-power is water under pressure. The cylinder $A$ is open at both ends, has two ports, $E$ and $F$, at the center, to receive and discharge respectively the water from the pump or head. There are two rams $B$ in cylinder $A$, working in opposite directions toward heads $C$; $G$ is the space for the material to be pressed. $D$ are connecting-rod, connecting the heads $C$ together to resist the strain of the rams $B$, and forming guides for the rams.