



## SPECIAL FEATURES

— OF THE —

# “NEW QUAKER”

→ BRICK ↯ MACHINE ←



THE Machine was named, as its name indicates, on account of its simplicity. This is the most important point of all and must not be forgotten. There is nothing complicated or unreliable about it. Every movement is positive and true, and there is no necessity for weights, balls and elms, sliding scales, trip-levers, patent catches, etc., etc., while every other machine we know of has something of the kind that they claim comes into operation all by itself when they want it to, to obviate some vital fault of their machine. SIMPLICITY AND RELIABILITY ARE THE MOST

IMPORTANT POINTS TO BE TAKEN INTO CONSIDERATION.

**FILLING THE PRESS BOX.** — When a press box of a brick machine is placed OUTSIDE of the pug-mill (as is the case with all but one, we believe, of the “tempered clay” machines in the market), the press box is filled by a wiper on the main shaft, which revolves in a circle, and consequently does not fill the press box evenly with mud, but puts more into the centre of the press box than at the ends, and, therefore, when the mould is filled the end brick will be slighted. But in the “New Quaker” the clay FALLS VERTICALLY INTO THE PRESS BOX through an opening in the front side of the floor in the upright pug-mill of the machine ten inches wide and as long as the machine is wide, FILLING ALL PARTS OF IT EQUALLY, which CAN NOT BE DONE IN THE OTHER MACHINES.

**THE PRESSURE IS APPLIED HORIZONTALLY** instead of vertically, the back of the press box moving forward, driving the clay against an inclined wall at the front of the machine, by which it is directed downward into the moulds directly underneath. We are enabled by this method to PRESS THE END BRICK