ABSTRACT

MOLDING MACHINE

A molding machine for producing a mold by pressing molding sand fed into a space defined by a pattern plate and a flask is disclosed. The machine includes a lifter table (3) for lifting the pattern plate (9) and flask (10) which hold the molding sand (S), and a pre-compacting member (16) and a pressing member (17) disposed above the lifter table (3) for horizontal movement and for being inserted into the flask (10) when the lifter table lifts the flask. The pre-compacting member (16) includes a thin-plate body (16A) to be positioned slightly spaced apart from an inner surface of the flask (10) or inner and outer surfaces of a pattern (9A) when inserted into the molding sand (S) held in the flask (10). The pressing member (17) includes a squeezing body (17A) that presses the molding sand from above.

Figure 1