

AUTOMATIC WORKPIECE PUNCHING SYSTEM

Abstract

5 Disclosed is an automatic workpiece punching system, comprising: a punching
die (1), a die filling device (2), a sensing device (3) used for sensing a position of a
workpiece, and a control device connected to above devices and to the punching die
(1) and controlling operations thereof. The mold filling device (2), which is used for
clamping and feeding the workpiece into the punching die (1) and withdraws after the
10 workpiece is punched, includes a clamping portion (21) for clamping the workpiece,
and a first cylinder (22) for driving the clamping portion (21) to move. The automatic
workpiece punching system overcomes inefficiency and security problems of manual
operations in workpiece punching, improves production efficiency, and brings about
favorable economic and security benefits.

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(Fig. 1)