

## **AUTOMATIC DRILLING MACHINE**

### **ABSTRACT**

5        The present invention discloses an automatic drilling machine, comprising a first  
drilling device (11), a second drilling device (12), a pushing assembly (3), a first  
moving assembly for driving the pushing assembly (3) to move back and forth, a  
second and a third moving assemblies for driving the first drilling device (11) to move  
back and forth and up and down respectively, a fourth and a fifth moving assemblies  
10 for driving the second drilling device (12) to move back and forth and up and down  
respectively, a limiting assembly (5) for blocking a forward movement of a metal part  
(10), a locking assembly for fixing the metal part (10), at least one sensor, and an  
electric control box with a PLC arranged therein. All the above components are  
connected to the electric control box respectively, and controlled by the PLC.

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(Figure 1)