

Model: AMT20-16-3S

### 1. Introduction

The traditional way to magnetize a rotor is to magnetize the magnets individually and assemble them into one rotor. This machine adopts a new way in which the non-magnetized magnets are assembled in the rotor before assembly. Each rotor gets magnetized and tested. This method is safer, more efficient and easier to be assembled compared with the traditional method.



### 2. Technical Parameter:

- 1) Loading Mode: manual
- 2) Deloading Mode: manual
- 3) Dimension: 2300\*1000\*2000 (L\*W\*H)
- 4) Cycle time: 10s
- 5) Action Mode pneumatic and servo

### 3. Procedure

- 1) Manually put the product in the coil;
- 2) After it is well-positioned, the pneumatic cylinder will move the rotor to the center of the coil. After the product is magnetized, it will be moved to the test coil by the cylinder. The test coil measures the flux of the rotor and the result (i.e., qualified or not) will be shown on the flux meter. Finally the rotor will be moved to home position.
- 3) Only one station out of the three can work at a time. The working station can be selected on the touch screen and line connecting the coil and the magnetizer needs reconnecting as well.