

Six Position Turntable



APPLICATION:

An Airfloat customer had six various muffler models that needed to be accurately chosen for each truck model coming down the assembly line. The random delivery of truck models on the assembly line required the operator to quickly and precisely decide which muffler was needed. This process proved to be timely and costly with a constant need for the forklift to resupply muffler parts to the workstation.

SOLUTION:

Airfloat designed this 27' diameter, fully automated, six position turntable. The turntable has 3,300 lbs capacity at each station for a total capacity of 20,000 lbs. This turntable is capable of reading a signal which is transmitted through the computer telling the turntable which muffler is right for the next truck on the assembly line. The turntable then chooses the fastest rotational method to the operator's position, allowing the operator to quickly and accurately finish the process.

BENEFITS:

- Air bearings allow rotation of heavy loads in a very low profile structure.
- Eliminates wasted time and effort for operator
- Pneumatic operation means low installation and maintenance costs.