

Support Bulletin: RASD-SB00043

Model: Roland MDX-540A/SA or ZAT-540 Automatic Tool Changer Unit

Subject: Compressed Air Requirements and Maintenance

Date: 10/14/2007

Author: PG

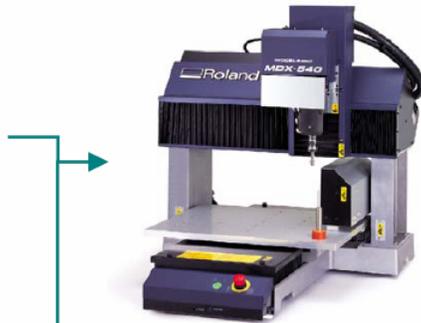
When using the MDX-540A/MDX-540SA or ZAT-540 Automatic Tool Changer, it is necessary to have compressed air supply to the machine with the following requirements.

Compressor



or

Air source of factory



Air amount is expected to be changed when using the air source of a facility.

Conditions of incoming air

Air pressure: 0.7 to 1.0Mpa
(101 to 145psi)

Amount of air: 50L/min

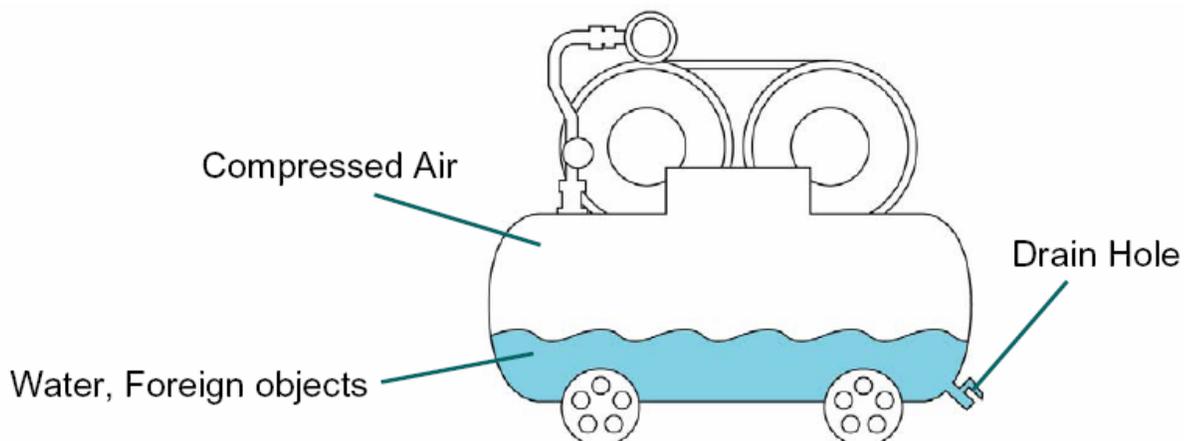
Tank Capacity Minimum: 12L*
(3.2 gal)

Contamination by moisture, oils, chemicals, or other foreign matter is not permitted. The air must be dry.

*The compressor motor will operate more frequently when a smaller tank capacity is used.

Compressor Notes:

1. As you compress air, water is accumulated in the tank. Water and foreign objects such as rust must be drained occasionally.
2. If water is not drained occasionally, water may enter the ATC unit and affect its performance.
3. Using a dryer can not remove water completely.



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Air Regulator Notes:

1. Regulates the air supply to the machine to ensure it receives the proper pressure.

