



## Advanced Solutions Division

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.



or



Air source of factory

### 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)

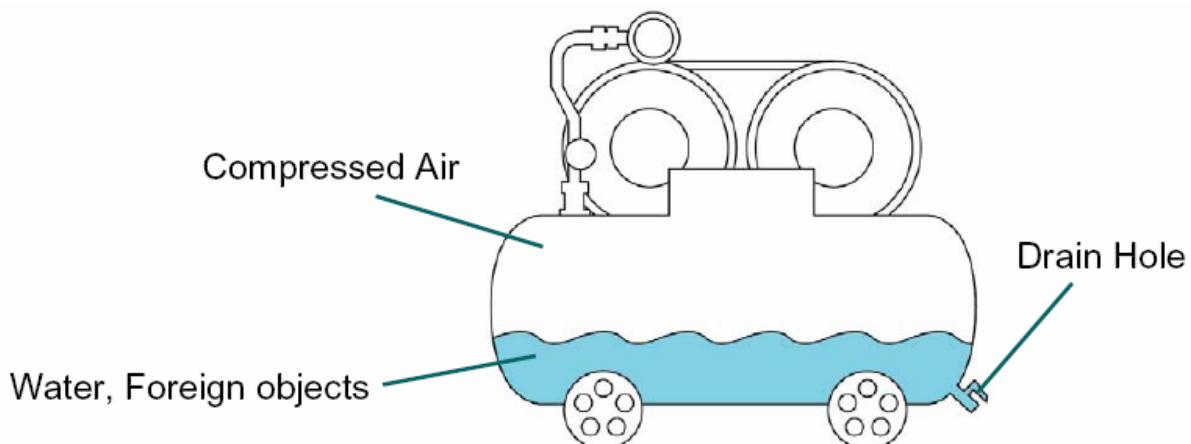
Contamination by moisture, oils, chemicals, or other foreign matter is not permitted. The air must be dry.

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

\*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.



Disclaimer: All of the information contained in this document is based on the information available at the time of its creation. In no event will Roland ASD be liable to you for any damages, including damages for loss of business profits, business interruption, loss of business information and the like arising out of the use of or inability to use these materials.



## Advanced Solutions Division

Support Bulletin: RASD-SB00043

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

Subject: Compressed Air Requirements and Maintenance

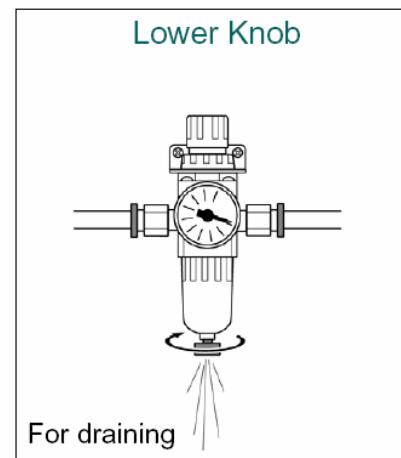
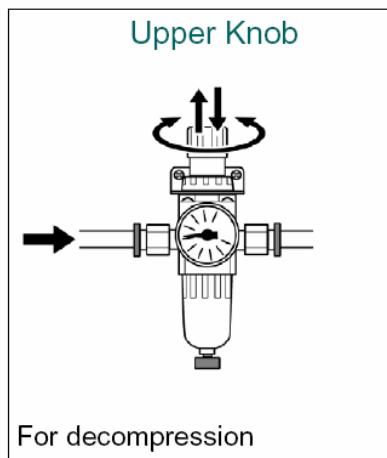
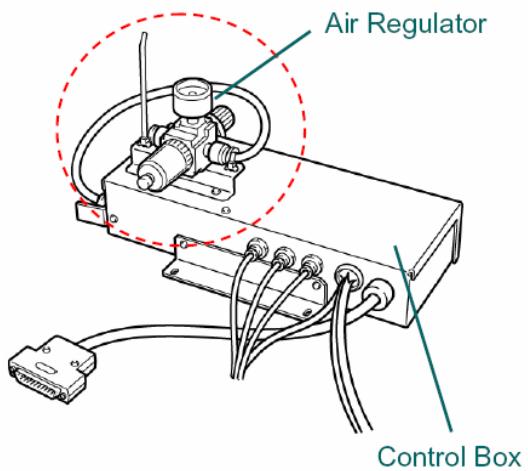
Date: 10/14/2007

Author: PG

---

### Air Regulator Notes:

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



Disclaimer: All of the information contained in this document is based on the information available at the time of its creation. In no event will Roland ASD be liable to you for any damages, including damages for loss of business profits, business interruption, loss of business information and the like arising out of the use of or inability to use these materials.