FEATURES

- Excellent structural rigidity
- Maximum reliability and precision
- Wafer handling of up to 200 mm
- MTBF: > 50,000 operating hours
- Industry standard footprint and mounting configurations
- Modular concept with multiple standard configurations and various communication interfaces
- Autocalibration™ Technology assures ease of calibration for overall machine accuracy
- Optional Wafer Flippers: 90° and 180°

BENEFITS

- Higher Availability
  - High reliability translates into less downtime and more uninterrupted production to achieve greater yields and faster delivery times
- Lower Tool Development Costs
  - Modular design of robots enable faster development of tools
Moog has offices around the world.
For more information or the office nearest you, contact us online.

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Moog Series 100 Atmospheric Robot
TJW/Rev.-, October 2011, Id. CDL32921-en

The ATM 100 Series provides smooth integration of linear tracks and other peripherals. Incorporating Moog's BX-300™ controller into the system adds a host of advanced capabilities such as autocalibration, dynamic wafer calibration for on-the-fly detection and correction of wafer centering, and advanced path planning to maximize throughput and smooth handling.

BX-300™ Controller
- Pre-integrated controls—reduce cost, and time to market
- Advanced software: already written, integrated, proven
- 6 internal drives, and 8 axes of motion control

Prealigners
- Fixed or software controlled wafer size adjustment
- Optional pin lift

Linear Tracks
- Linear axes extend horizontal and vertical reach and are fully integrated into the control system

End Effectors
- Pocket type Vacuum and Edge grip available; Custom can be designed for other substrates

Wafer Flippers
- High torque and speed with wide rotation range

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