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Used AOKI SBIII-250LS-50 blow molding machine - Year 2010

Machine type:	Injection Molding Machine
Ref:	PR29
Model:	SBIII-250LS-50
Year:	2010
Condition:	Ready for Operation
Containers:	PET

Technical details

No. of cavities:	4	Safety features:	Yes
Manuals:	No	Weight:	10400 kg
Power:	50.2 kW	Voltage:	220 V
Frequency:	60 Hz	Ampere:	165 A

Description

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Technical Specifications & Performance Data

Used AOKI SBIII-250LS-50 blow molding machine for industrial packaging and PET container production. This machine is designed to form bottles from preforms, supporting efficient bottle manufacturing as part of a used bottling line or an independent container production operation.

- **Manufacturer:** AOKI TECHNICAL LABORATORY, INC.
- **Model:** SBIII-250LS-50
- **Year of manufacture:** 2010
- **Electrical supply:** 3-phase AC, 220 V, 60 Hz
- **Installed power:** 50.2 kW
- **Current:** 165 A
- **Machine weight:** 10,400 kg
- **Hydraulic pressure:** 14.0 MPa
- **Pneumatic pressure:** 3.0 MPa

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- **Water supply pressure:** 0.3 MPa

Advanced Automation & Control Systems

The AOKI SBIII-250LS-50 operates on a 3-phase AC electrical supply rated at 220 V and 60 Hz. Its 50.2 kW power requirement and 165 A current rating should be considered when planning electrical distribution, protection devices and control-panel connection. Blow molding machines of this type are intended for repeatable preform processing and controlled bottle forming in industrial packaging environments.

The machine uses hydraulic, pneumatic and water services as part of its operating configuration. These utilities support the forming process and should be connected through suitably rated site installations.

Production Line Integration Capabilities

This AOKI blow molding machine can operate as the bottle production stage of a PET beverage production line. It is typically installed upstream of downstream bottling equipment such as rinsing, filling, capping, labeling, secondary packaging and palletizing systems. Bottle transfer, accumulation and conveyor interfaces should be matched to the required production layout.

As a second hand machine for industrial packaging, it can support PET bottle supply for beverage production and other packaging operations where preforms are converted into finished containers before filling.

Machine Condition & Maintenance History

The machine is identified as used and is offered as a blow molding machine manufactured in 2010. Its substantial 10,400 kg construction indicates a stationary industrial installation requiring appropriate handling equipment during loading, positioning and commissioning.

Routine commissioning should include inspection of electrical connections, hydraulic circuits, pneumatic supply lines, water supply connections and all machine safety systems before production use.

Operational Performance & Versatility

The SBIII-250LS-50 is intended for PET bottle manufacturing from preforms. In a bottling equipment configuration, a blow molder provides the container supply stage ahead of filling and packaging operations, helping coordinate bottle availability with the production line’s filling demand.

Its utility requirements include hydraulic pressure of 14.0 MPa, pneumatic pressure of 3.0 MPa and water supply pressure of 0.3 MPa. Stable utility conditions are important for consistent machine operation in a PET packaging process.

Installation Requirements & Site Preparation

Installation requires a 220 V, 60 Hz, 3-phase AC electrical supply capable of supporting a 50.2 kW connected load and 165 A current requirement. The site must also provide hydraulic, compressed-air and water connections compatible with the stated operating pressures.

With a weight of 10,400 kg, the machine requires a suitable prepared installation area, adequate floor load capacity and lifting arrangements appropriate for industrial machinery. Utility routing, access for service and connection to bottle-handling conveyors should be planned before installation.

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Safety Standards & Compliance Certification

The machine identification plate displays a CE mark. Blow molding equipment should be operated with all guards, interlocks, emergency-stop devices and electrical protections in proper working condition. Before commissioning, safety devices, utility connections and operating safeguards should be checked as part of the installation and start-up process.