

Press Release
Oct 28, 2008

Reliable and cost-effective production for
Multi-Cavity PET bottles

WEI LI presented WL-MP02-Standard
Model Semi-Automatic PET Reheat
Stretch Blow Moulding Machine in
Melbourne, Australia

- Ausplas 2008 Exhibition.

At the Ausplas 2008 Exhibition held in Melbourne from Oct 7th~10th, 2008, Wei Li Plastics exhibited a best sale Multi-cavity (1,2) PET reheat stretch blow moulding machine with high flexibility. The machine on show was a WL-MP02-Standard model equipped with a 1-cavity blow mould to produce 500ml PET sport bottles.

Wei Li's WL-MP02 series is designed for Multi-Cavity medium speed bottle production in linear machine design. The WL-MP02 standard model showed in the exhibition is designed with hourly capacity up to 600~900pcs, capable of producing bottles with body diameter up to 90mm, neck diameter up to 45mm, and maximum bottle volume up to 1.5 litres.

ENERGY SAVING

WL-MP02 series' tailor-made heating lamps built inside the unique-arranged heating zones are catered to condition precise preform heating temperature with excellent heat penetration. This enables minimal energy consumption and significant saving in bottle production in the long-term

compared with traditional reheat stretch blow moulding machines. With the open-top design, we can use the natural air flow to cool down and machine, as hot air raise and cool air will sneak in at the bottom of the machine. This design can save the power for ventilation fan and speed up the heating process.

LOW INVESTMENT

The WL-MP02 series is two-stage SBM machine in linear design with user-friendly PLC. Unlike one-stage injection stretch blow moulding machine, the WL-MP02 series is low in investment and flexible for new bottle design development. The productivity & new bottle development cycle are also very promising.

"We are buying bottles from bottle manufacturers locally and we are planning to make our own bottles. We are comparing one-stage and two-stage production lines and investment. The WL-MP02-Medddium-II model is ideal for our bottle requirements up to 1.5L at 1,200 pcs per hour," said a major water brand owner in Fiji Island, Australaia.

INNOVATIVE MOULD LOCKING SYSTEM

The thing most surprise visitors is the innovative mechanical mould locking system allows the WL-MP02 model to stand with blowing air pressure at 35 bars and still delivers PET bottles with almost seamless parting line. The dual moving platens also enables shorten cycle time and higher productivity, compared with traditional linear machines.

RELIABLE & SIMPLE OPERATION

Visitors on the booth are impressed that major reputable components are widely used in the PX04 model. WEI LI aims to minimize the initial machine investment, and also minimize the operation cost and downtime for bottle manufacturers. By using major German & Japanese pneumatic & electric parts, reliable and stable machine performance can be guaranteed.

HIGH FLEXIBILITY

Client can add additional part to make WL-MP02 series become Fully-Automatic Reheat Stretch Blow Mould Machine, depending on our unique requirement. Also it is capable to produce bottles in PET, PP, PC by just changing the blow mould and blowing parameters.

WEI LI.s SBM Machines for PET Bottle

PET bottles are most popular for mineral water bottles, fuzzy drinks bottles, as well as food and sauce container, such as soy sauce, pasta sauce, tomato sauce, and even baby foods, because of the resin.s ability to contain food without releasing poison materials. Using Wei Li.s WL-MP02 Series Two-Stage Reheat Stretch Blow Moulding (SBM) machines, PET bottles can be produced directly from PET perform with perfect neck finish, and are good in strength & excellent transparency compared with the extrusion blowing process and other plastic materials.

WEI LI in profile

WEI LI has more than 12 years experience in the development of PET/PP reheat stretch blow moulding technology, manufacturing stretch blow moulding machines of the .WEI LI. brand for PET, PP, PC, PMMA, PS, SAN bottles with volume ranges from 15ml to 20L. Apart from standard machines for PET bottles, the company.s range includes specialized machines for PP, PC, PMMA, PS, SAN bottles. With production establishments in Foshan, China and a marketing office in Hong Kong, WEI LI is maintaining an effective market presence across the world.

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