

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

WEI LI presented PX04 Fully Automatic PET Reheat Stretch Blow Moulding Machine in Jakarta - Propak Indonesia Exhibition.

At the Propak Indonesia Exhibition held in Jakarta from Dec 05 ~ 08, 2007, *Wei Li Plastics* exhibited a newly developed Multi-cavity (2, 4, 6) PET reheat stretch blow moulding machine. The machine on show was a PX04 model equipped with a 4-cavity blow mould to produce 60ml PET bottles.

Wei Li's PX series is designed for Multi-Cavity medium speed bottle production in linear machine design. The PX04 model showed in the exhibition is designed with hourly capacity up to 4,000pcs, capable of producing bottles with body diameter up to 90mm, neck diameter up to 40mm, and maximum bottle volume up to 1.5 litres.

ENERGY SAVING

PX 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.

"We are running on generator and a 50% saving in energy consumption means we can easily cover the machine investment in a few years! The choice is clear!" said the general manager of a major plastic group in Jakarta.

LOW INVESTMENT

The PX series is two-stage SBM machine in linear design with user-friendly PLC. Unlike one-stage injection stretch blow moulding machine, the PX series is low in investment and

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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 PX04 model is ideal for our bottle requirements up to 1.5L at 4,000 pcs per hour," said a major water brand owner in Surabaya, Indonesia.

INNOVATIVE MOULD LOCKING SYSTEM

To most visitors' surprise, the innovative mechanical mould locking system allows the PX04 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.

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* PX 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 10 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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