

PX SERIES

Fully Automatic PET Reheat Stretch Blow Moulding Machine

TECHNICAL SPECIFICATIONS	PX 02-L	PX 03	PX 04-L	PX 06-S	PX 06-L	PX 08	PX 12-L	PX 16
PRODUCT & CAPACITY								
Max. Volume of Product (L)	2.0	1.5	2.5	0.6	1.5	0.75	1.5	0.75
Max. Body Diameter of Product (MM)	Φ110	Φ90	Φ130	Φ70	Φ90	Φ70	Φ90	Φ70
Neck Diameter of Product (MM)	Φ12~Φ38	Φ12~Φ38	Φ12~Φ38	Φ12~Φ38	Φ12~Φ38	Φ12~Φ38	Φ12~Φ38	Φ12~Φ38
Max. Height of Product (MM)	330	330	320	240	320	240	320	240
Max. Height of Preform (MM)	150	150	150	115	150	115	150	115
Wall Thickness of Preform (MM)	2.5~3.5	2.5~3.5	2.5~3.5	2.5~3.5	2.5~3.5	2.5~3.5	2.5~3.5	2.5~3.5

HEATING ZONE								
Arrangement of Infra-Red Tubes (PCSxZONES)	8 x 3	8 x 3	8 x 5	6 x 4	8 x 4	6 x 4	8 x 4	6 x 32
Average Power Consumption (kW)*	24~28	24~28	40~48	24~28	32~38	24~28	40~48	96~115
Nominal Capacity (kW)	50	50	83	51	67	51	90	202
No. of Preform Holder (PCS)	44	66	76	114	114	136	216	608

CLAMPING UNIT								
Clamping Stroke (MM)	110	110	150	82	110	110	110	100
Standard Mould Cavity Width (MM)	234	304	620	456	610	634	610	634
Standard Mould Thickness (MM)	208	208	250	168	190	190	190	190
Theoretical Production Capacity (PET Bottle) (PCS/HR)	1,400~1,800	2,100~2,400	2,100~3,200	4,200~5,400	4,200~4,800	5,600~7,200	8,400~9,600	11,200~14,400
No. of Mould Cavity	2	3	4	6	6	8	12	16

SIZE & WEIGHT								
Blowing Machine Dimensions (LxWxH) (CM)	285x186x211	340x175x211	528x226x228	485x215x210	545x219x210	505x236x210	606x410x225	480x456x215
Preform Loader Dimensions (LxWxH) (CM)	255x155x260	255x155x260	320x190x300	330x330x300	330x330x300	330x330x300	330x330x300	330x330x300
Required Floor Space (LxWxH) (CM)	438x400x240	472x355x280	532x480x290	534x465x280	546x535x290	563x505x290	654x606x290	728x480x260
Blowing Machine Weight (T)	2.6	2.6	5	5.5	5.5	7	9	12

AIR SUPPLY REQUIREMENTS (TO BE PREPARED BY USERS)								
Working Air Pressure (MPa) / Low Pressure (MPa)	1	1	1	1	1	1	1	1
Blowing Air Pressure (MPa) / High Pressure (MPa)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Volume of Low Pressure Air Compressor (M ³ /MIN)	1.5~2.0	1.5~2.0	2.0~2.5	2.0~3.0	2.0~3.0	2.0~3.0	3.0~4.0	3.0~4.0
Volume of High Pressure Air Compressor (M ³ /MIN)	1.2~2.0	1.6~2.0	2.8~3.5	2.0~2.5	3.6~4.2	3.5~5.0	7.2~8.4	9.0~11.0

COOLING WATER SUPPLY REQUIREMENTS (TO BE PREPARED BY USERS)								
Cooling Temperature (°C)	9~12	9~12	9~12	9~12	9~12	9~12	9~12	9~12
Cooling Capacity (KCAL/HR)	7,600	7,600	13,200	13,200	23,900	13,200	20,200	41,700
Volume of Cooling Water (M ³ /HR)	3	3	5	5	8	5	10	10
Pressure of Cooling Water (MPa)	0.2~0.4	0.2~0.4	0.3~0.4	0.3~0.4	0.3~0.4	0.3~0.4	0.3~0.4	0.3~0.4

(V12-1003)

Notes:

- Specifications are subjected to change without prior notice due to constant research and development.
- For specific machine requirements, special order is required.

* Average power consumption depends on resin grade & bottle/ jar wall thickness.



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Fully Automatic
PET Reheat Stretch Blow Moulding Machine

THE SOURCE OF PROFESSIONAL PLASTIC PACKAGING MACHINERY

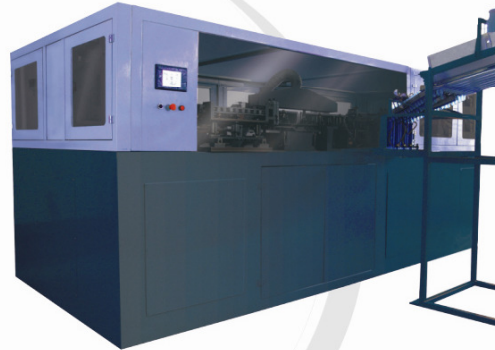
PX SERIES Operation Flow



STEP 2
Preform Heating
 Unique heating lamps with special arrangement enables efficient preform heating and significant energy saving.



STEP 1
Preform Feeding
 Preforms is loaded into machine automatically



STEP 3
Bottle Stretching & Blowing

Innovative high-pressure mould locking system allows the PX series to deliver bottles with almost invisible parting line. The dual platen action design shorten the time for clamping as a result enhance the productivity in contrast with the traditional linear design.



STEP 4
Bottle Ejection
 Automatic bottle ejection, and can be placed precisely onto air or mechanical conveyer.

APPLICATIONS

- Mineral & Distilled Water
- Carbonated Drink
- Food & Candy
- Sauce & Juice
- Detergent
- Pharmacy
- Edible Oil
- Cosmetic
- Liquor



PX SERIES Fully Automatic PET Reheat Stretch Blow Moulding Machine

ENERGY SAVING
 Introduce Natural Air Flow
 Optimize Heating Temperature
 Minimize Energy Consumption

AFFORDABLE INVESTMENT
 Low Machine Investment
 Minimum Maintenance Cost

INNOVATIVE DESIGN
 Simple Operation
 Compact Machine Design

HIGH PERFORMANCE
 High in Productivity
 Efficient Heat Penetration
 Fast Mould Closing & Opening Design

RELIABLE COMPONENTS
 Japanese & German Components
 PLC Touch-Screen Control Panel

OPTIONAL COMPONENTS
 Smart Preform Feeding Device
 Automatic Bottle Ejecting Device
 Compatible With Bottle Conveyer

TECHNICAL SUPPORT
 Utilizing our Experience and Expertise to Provide Turn-Key Project including:
 In-house Training for Operators
 Comprehensive Machine Manual
 Bottle & Preform Design Suggestion
 Project Consultation & Operations Set-up
 Professional Preform/Mould Quality Control
 On-Time After Sales Service & Technical Support

