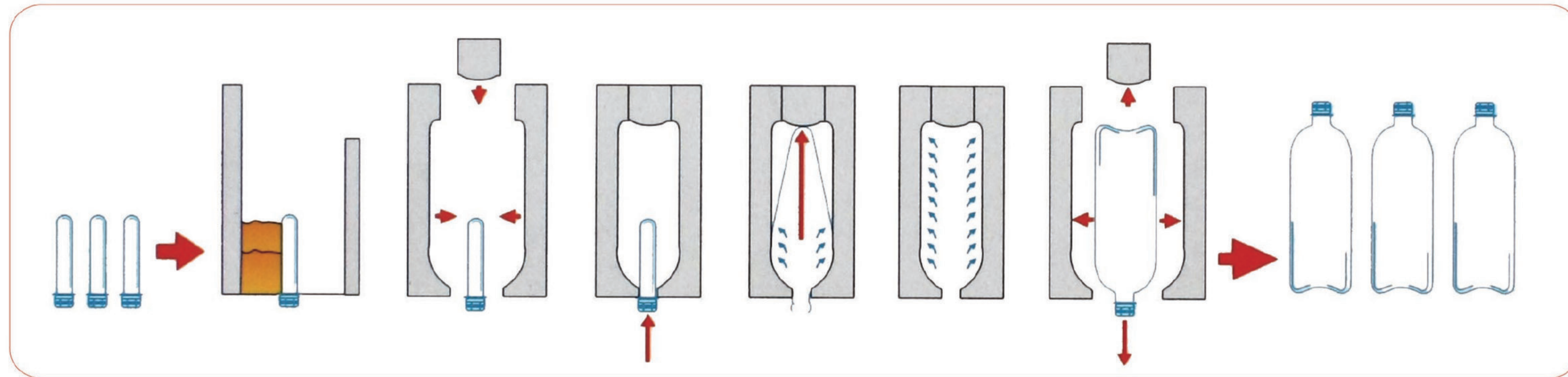
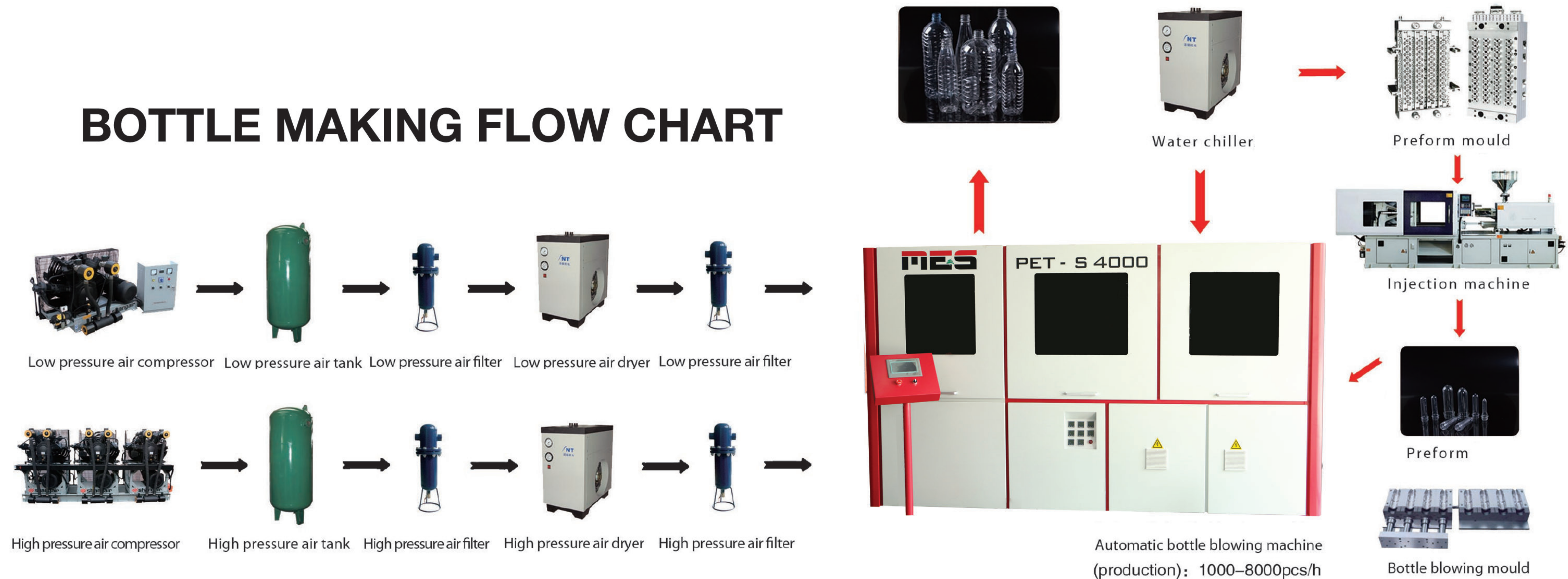


BOTTLE MAKING FLOW CHART



BOTTLE MAKING FLOW CHART

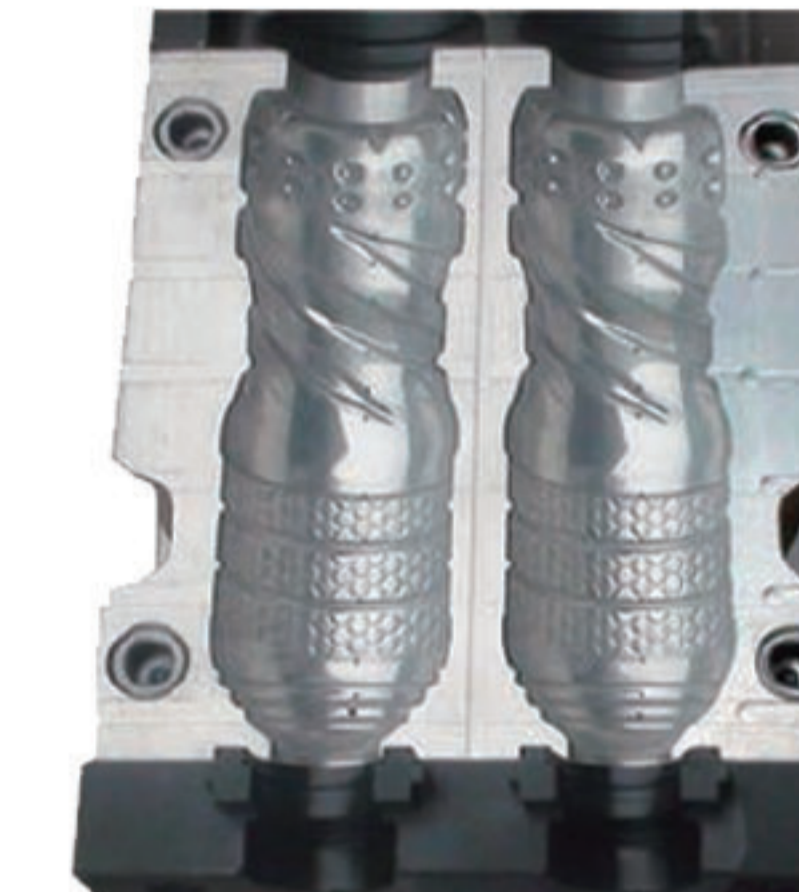
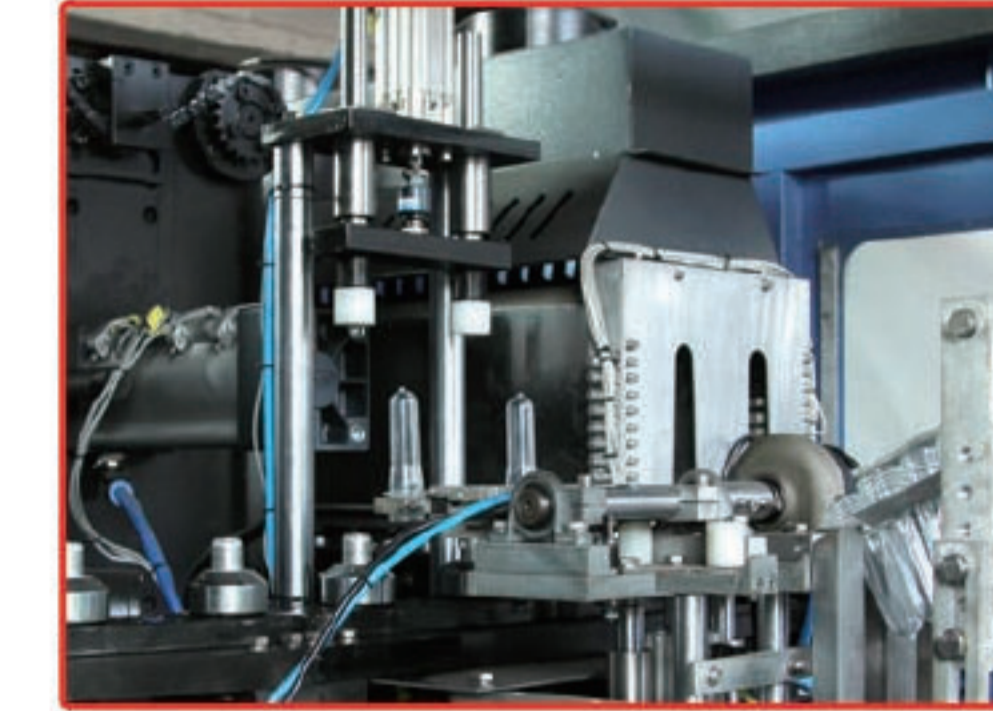
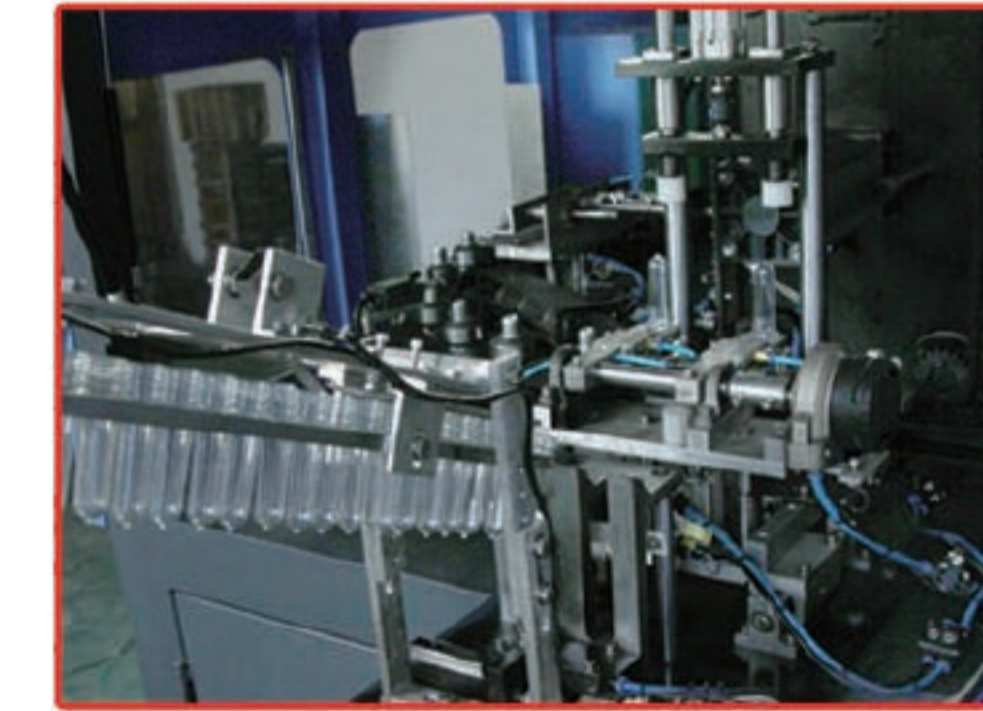


MDY - 2000

Automatic PET biaxial bottle blowing machine

FEATURES OF PN-SERIES

- ◆ Linear construction transports perform for heating and bottle forming
- ◆ Upgrade production capacity
- ◆ Upgrade power efficiency
- ◆ Simplified operation by MMI control panel
- ◆ Modular design facilitates maintenance
- ◆ Save investment and enhance capacity
- ◆ Minimum space



APPLICATIONS

Water , CSD , Juice, Tea , Alcohol drinks,
 Oils , Sauces , Ketchup , Cosmetics, etc.



MDY - 2000S

Automatic PET biaxial bottle blowing machine (manual type)



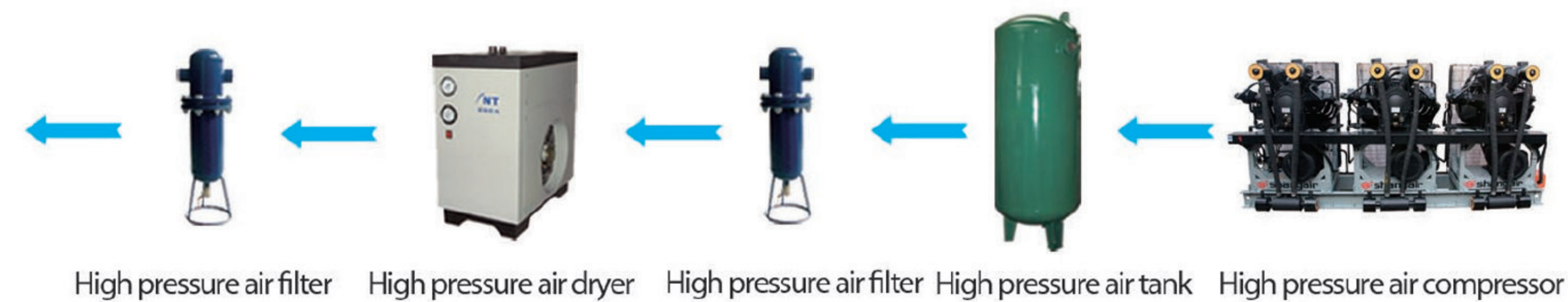
◎FEATURES OF PN-SERIES

- ◆Placing preform by manual for heating and bottle forming.
- ◆Upgrade production capacity
- ◆Simplified operation by MMI control panel
- ◆Upgrade power efficiency
- ◆Save investment and enhance competition
- ◆Minimum space



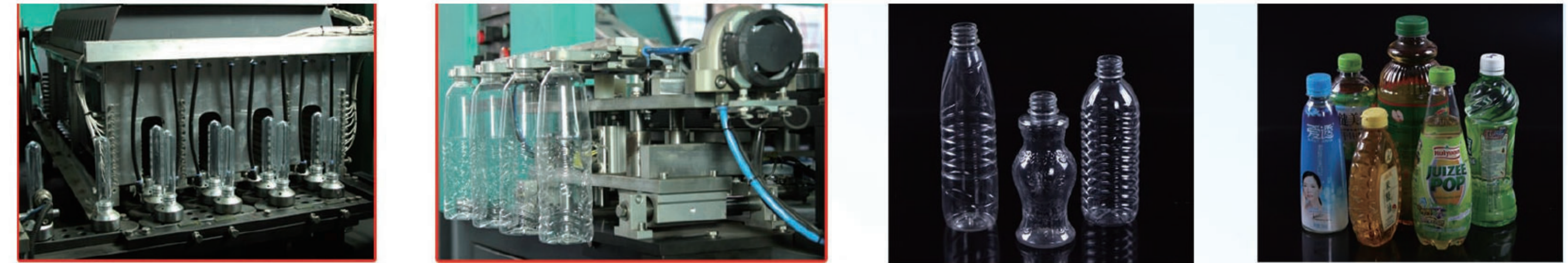
◎APPLICATIONS

Water , CSD , Juice, Tea , Alcohol drinks,
 Oils , Sauces , Ketchup , Cosmetics, etc.



MDY - 4000

PET Automatic 4-cavity bottle blowing machine

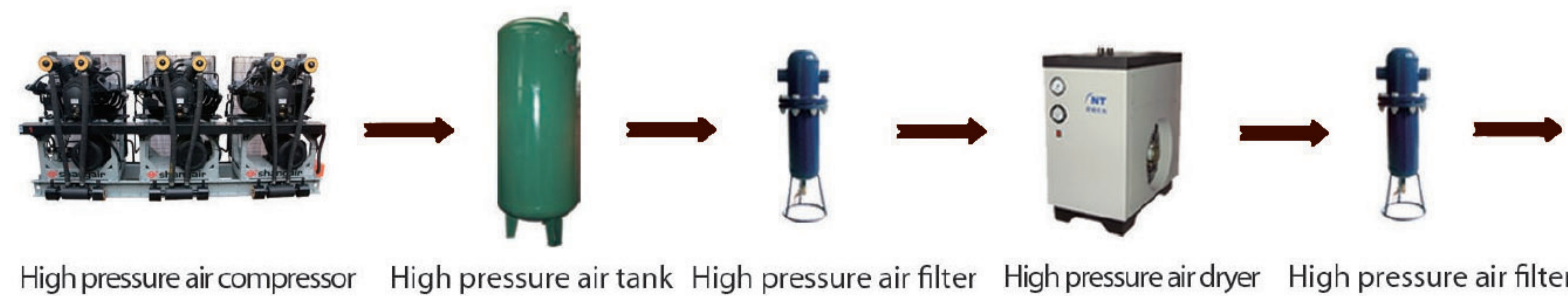


◎ FEATURES OF PN-SERIES

- ◆ Linear construction transports perform for heating and bottle forming
- ◆ Upgrade production capacity
- ◆ Upgrade power efficiency
- ◆ Simplified operation by MMI control panel
- ◆ Modular design facilitates maintenance
- ◆ Save investment and enhance capacity
- ◆ Minimum space

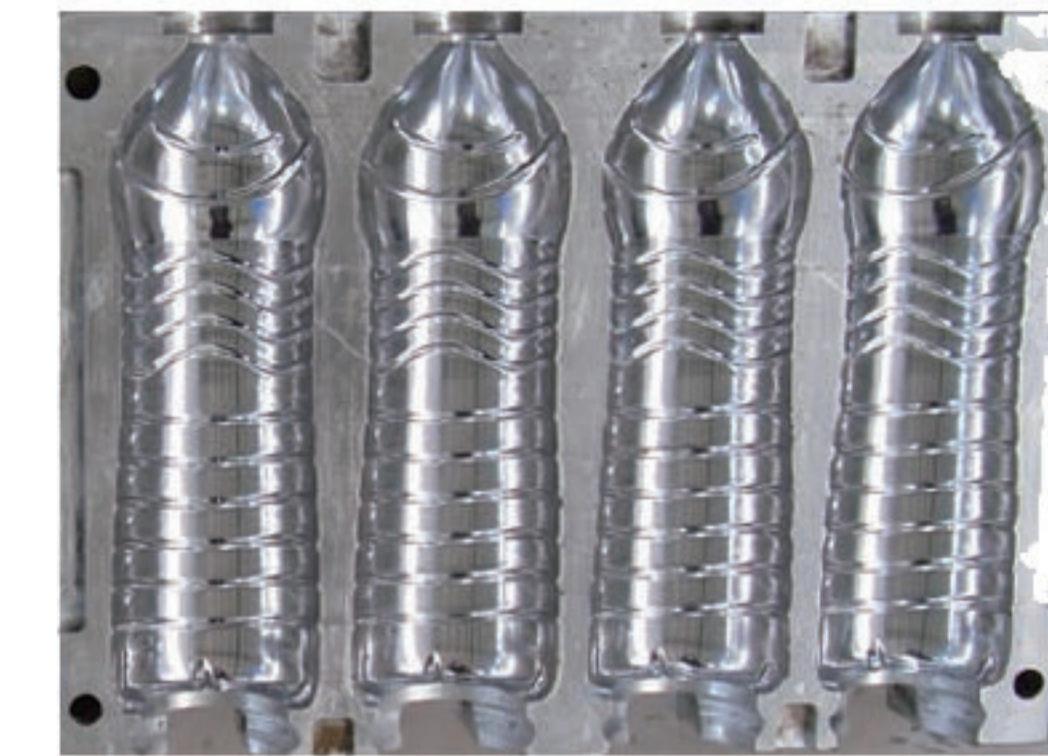
◎ APPLICATIONS

Water , CSD , Juice, Tea , Alcohol drinks,
 Oils , Sauces , Ketchup , Cosmetics, etc.



MDY - 4000J

Automatic PET 4-cavity bottle blowing machine (economical type)



◎APPLICATIONS

Water , CSD , Juice, Tea , Alcohol drinks,
 Oils , Sauces , Ketchup , Cosmetics, etc.

◎FEATURES OF PN-SERIES

- ◆ Can be connected with filling machine directly. Saving the investment on the bottle ordering machine.
- ◆ Adopting high technology Micro PLC controller. Ensure the machine working properly and stably.
- ◆ Clamping Protection System: Mechanical clamping protection system avoids bottle explosion. Bottles are beautiful.
- ◆ Heating System: Preforms are suspended vertically in the oven and will not be deformed after being heated. Space between preforms is small. Only one row of lamps for heating, electricity consumption decreased 50% compared with other machines.
- ◆ High pressure air recycling system: High air can be collected to low air tank after blowing bottle and recycled as low air pressure. No low air compressor is needed. Electricity consumption decreased.

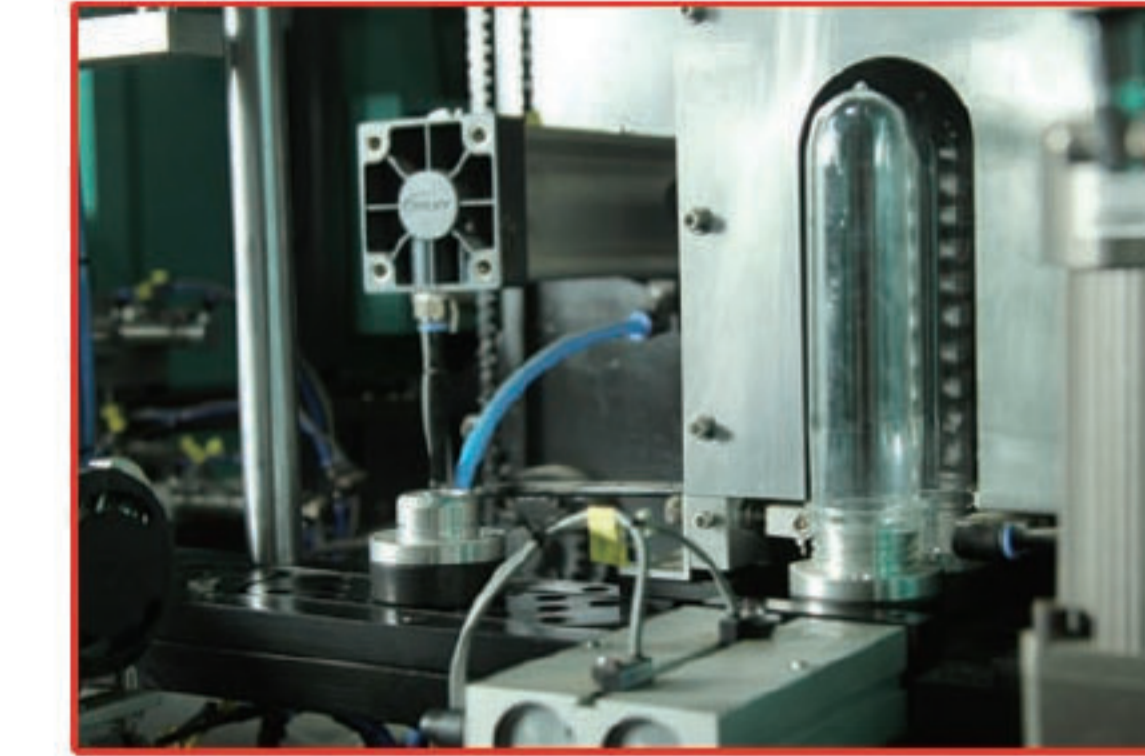


MDY - 5000

Automatic 5 L PET bottle blowing machine (single cavity)

APPLICATIONS

Widely used for large capacity 3~5.5L oil bottle, water bottle, alcohol bottle, etc.



FEATURES OF PN-SERIES

- ◆ Saving space and transportation cost.
- ◆ Four plate clamp structure, which is a result of engineering simulation analysis, capable of blowing 2-cavity, 5-liter wide-mouth bottles of size up to 120mm neck, 195mm bottle diameter and 300mm height with a capacity of 1200 bottles per hour.
- ◆ High efficient hearing device utilizing long and short pitch blocks to transfer preform with minimum space and energy.
- ◆ Auto preform feeding system suitable for different size of preform.
- ◆ Suitable for edible oil bottle with post-inserted handle.



MDY - 5000 II

Automatic 5 L PET bottle blowing machine (two cavities)



APPLICATIONS

Widely used for large capacity 3~5.5L oil bottle, water bottle, alcohol bottle, etc.

◎FEATURES OF PN-SERIES

- ◆ Saving space and transportation cost.
- ◆ Four plate clamp structure, which is a result of engineering simulation analysis, capable of blowing 2-cavity, 5-liter wide-mouth bottles of size up to 65mm neck, 195mm bottle diameter and 300mm height with a capacity of 1200 bottles per hour.
- ◆ High efficient hearing device utilizing long and short pitch blocks to transfer preform with minimum space and energy.
- ◆ Auto preform feeding system suitable for different size of preform.
- ◆ Suitable for edible oil bottle with post-inserted handle.



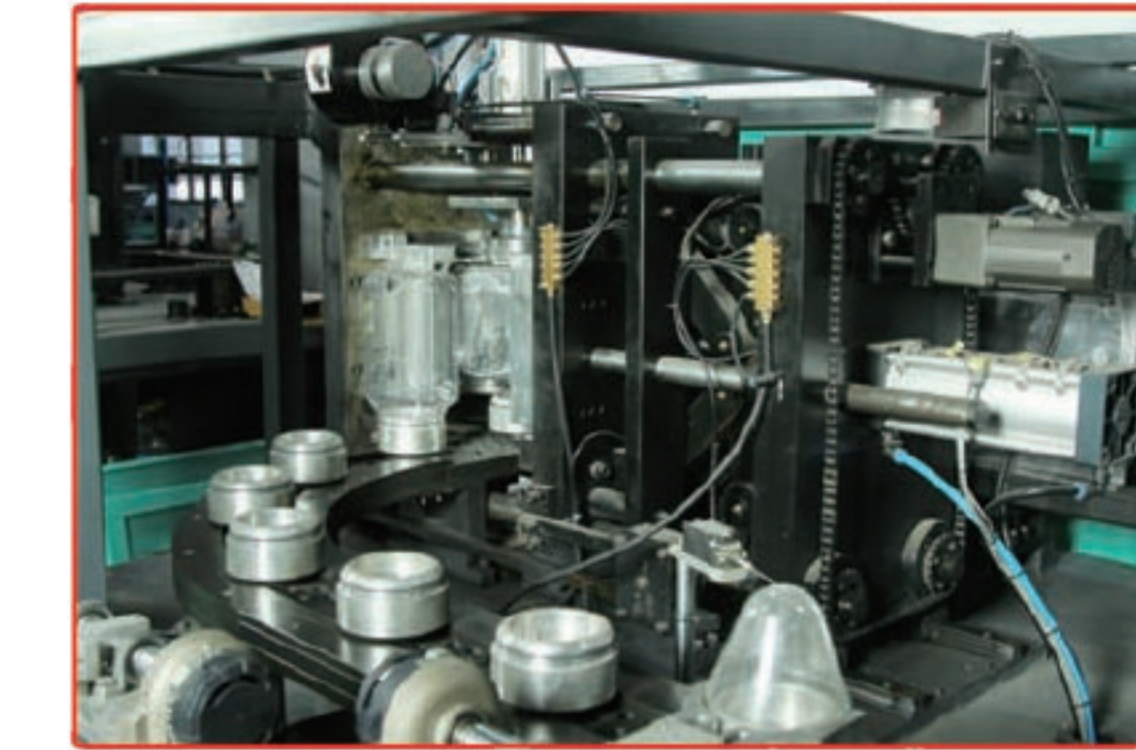
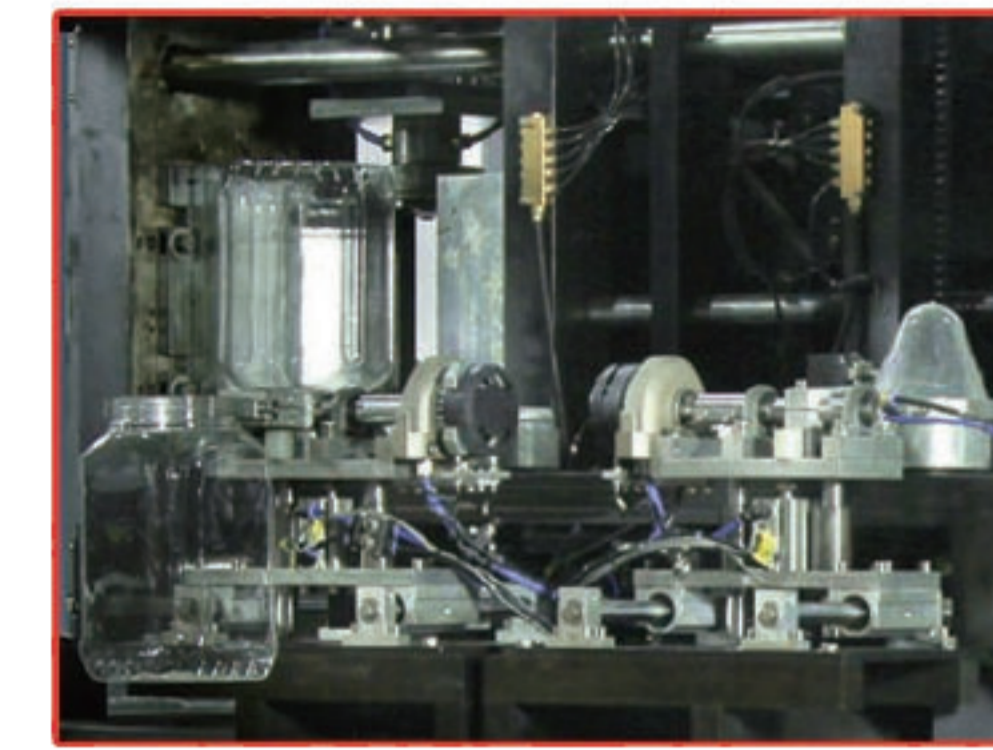
MDY - 5000 K

Automatic 5 L PET wide-mouth bottle blowing machine



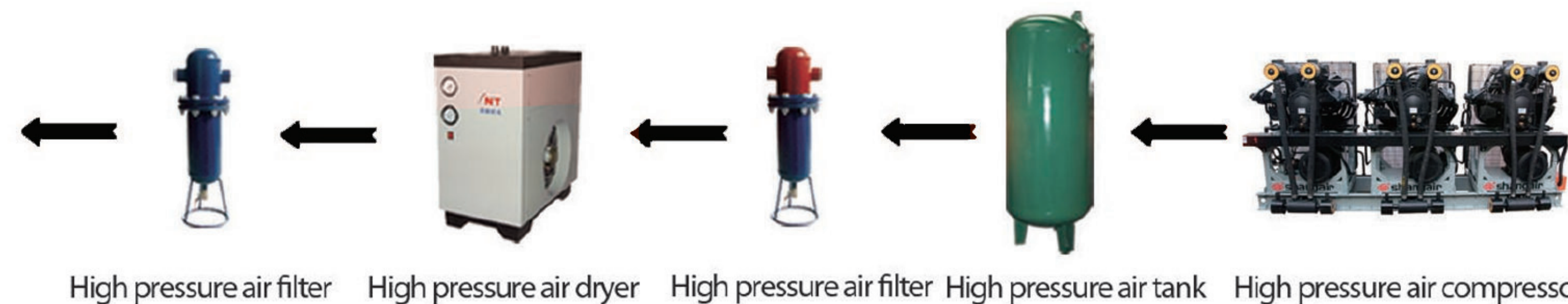
◎ APPLICATIONS

Apply to large diameter candy bottle, oil bottle and dried foods bottle.



◎ FEATURES OF PN-SERIES

- ◆ Saving space and transportation cost.
- ◆ Four plate clamp structure, which is a result of engineering simulation analysis, capable of blowing 1-cavity, 5-liter wide-mouth bottles of size up to 120mm neck, 195mm bottle diameter and 300mm height with a capacity of 800 bottles per hour.
- ◆ High efficient hearing device utilizing long and short pitch blocks to transfer preform with minimum space and energy.
- ◆ Auto preform feeding system suitable for different size of preform.



MDY - 6000

PET Automatic 6-cavity high-speed bottle blowing machine

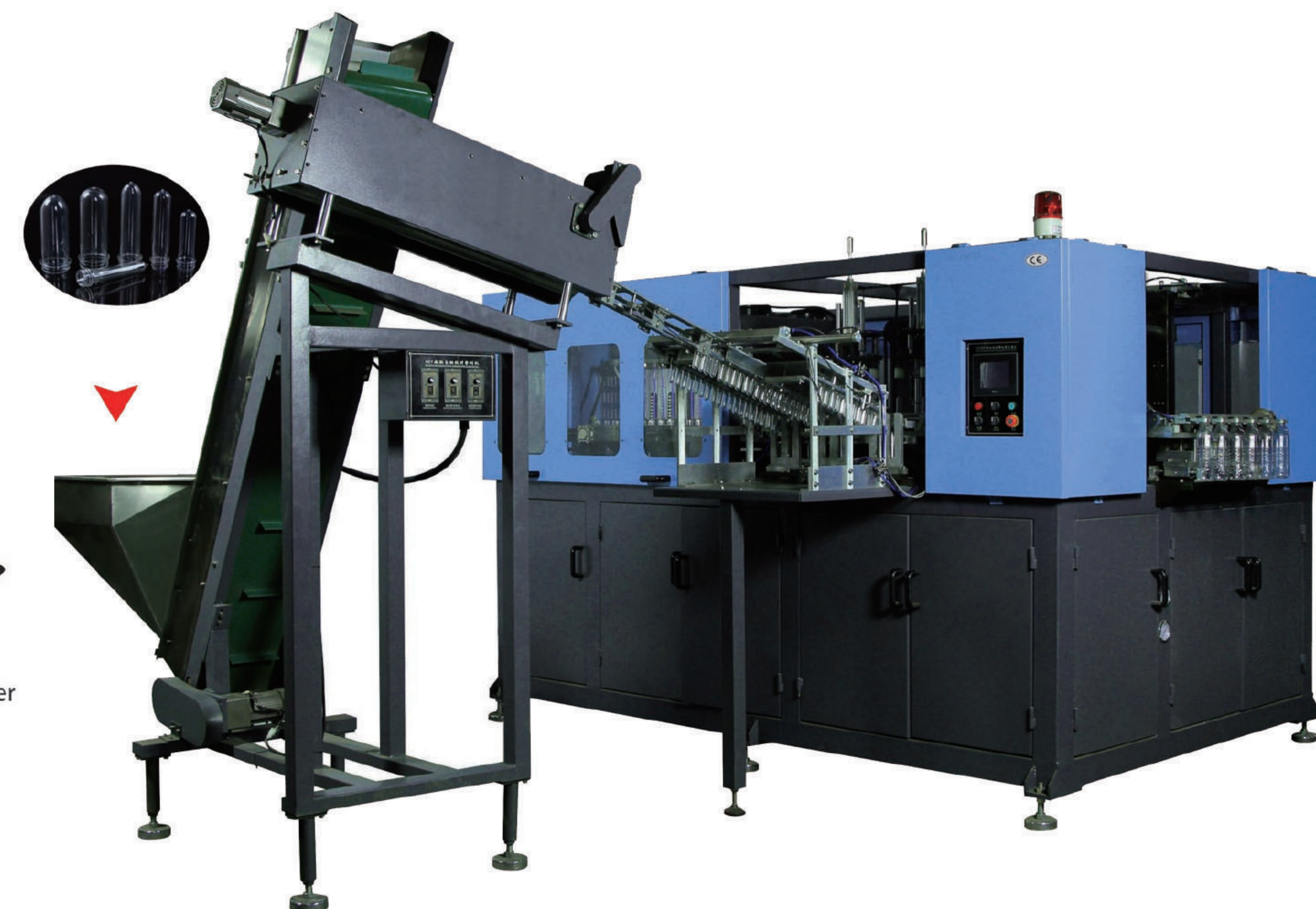
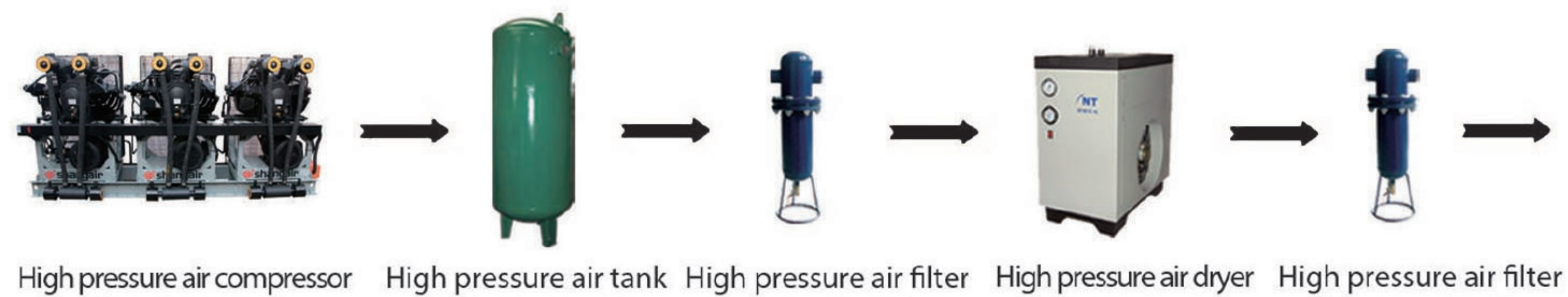


◎ FEATURES OF PN-SERIES

- ◆ Linear construction transports preform for heating and bottle forming
- ◆ Upgrade production capacity
- ◆ Upgrade power efficiency
- ◆ Simplified operation by MMI control panel
- ◆ Modular design facilitates maintenance
- ◆ Save investment and enhance capacity
- ◆ Minimum space

◎ APPLICATIONS

Water , CSD , Juice , Tea , Alcohol drinks,
 Oils , Sauces , Ketchup , Cosmetics, etc.



			MDY-2000S	MDY-2000	MDY-4000	MDY-4000 J	MDY-5000	MDY-5000 II	MDY-5000 K	MDY-6000
MOLDING	Clamping force	kg	14000	16000	32000	32000	30000	30000	30000	48000
	Clamping stroke	mm	125	125	125	125	220	220	220	125
	Stretching stroke	mm	350	350	350	350	450	450	450	350
	Bottom Stroke	mm	30-70	30-70	30-70	30-70	30-70	30-70	30-70	30-70
	Cavity pitch	mm	80	120	120	120	220	220	220	120
	Number of Cavity	Cavities	2	2	4	4	1	2	1	6
CONTAINER	Max.container volume	ltr	0.75	1.5	1.5	1.5	6	6	6	1.5
	Neck diameter range	mm	18-38	18-38	18-38	18-38	18-45	18-45	115	18-38
	Max container diameter	mm	70	115	115	115	200	200	200	115
	Max container height	mm	280	320	320	320	350	350	350	320
	Carriage unit	pcs	48	58	116	116	35	54	30	166
	THEORETICAL OUTPUT	bph	2000	2400	4800	5000	800	1500	800	7200
ELECTRICALSYSTEM	Total power	kw	28	30	54	54	38	72	38	78
	Heating power	kw	10	10	20	20	15	30	15	40
	Max heating power	kw	24	24	48	48	33	66	33	72
AIR SYSTEM	Operating pressure	kg/cm ²	7	7	7	7	7	7	7	7
	Air consuming	ltr/min	1000	1000	1500	1500	1000	1500	1000	1500
	Blowing pressure	kg/cm ²	35	35	35	35	35	35	35	35
	Air consuming	ltr/min	3200	3200	6000	6000	5000	9000	4000	7400
AIR DRYER	Operation pressure	kg/cm ²	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4
	Temperature		10-12	10-12	10-12	10-12	10-12	10-12	10-12	10-12
	Consuming	kcal/hr	5400	5400	10000	10000	6000	8000	6000	11400
	Flow rate	ltr/min	30	30	60	60	40	80	45	90
WATER CHILLER	Operation pressure	kg/cm ²	2-4	2-4	2-4	2-4	2-4	2-4	2-4	2-4
	Temperature		30	30	30	30	30	30	30	30
	Consuming	kcal/hr	39000	39000	45000	45000	39000	45000	39000	54000
	Flow rate	ltr/min	130	130	150	150	130	150	130	180
MACHINE	Machine size	mm	1950-1750-2200	1950-1750-2200	2450-2150-2200	3500-1900-2200	2300-1950-2100	2300-2450-2100	2850-1850-2200	3150-2150-2200
	Machine weight	kg	2800	2800	3600	3000	3000	3800	4000	4500
REMARKS	1. All data standard indication for 0.6L bottle. 3. Specifications are subject to change without notice.					2. The actual output depends on the preform quality and boltte shape. 4. Please provide the stable ambient temperature.				

MDY - 1200 A

Semi-Automatic PET bottle blowing machine (single unit)



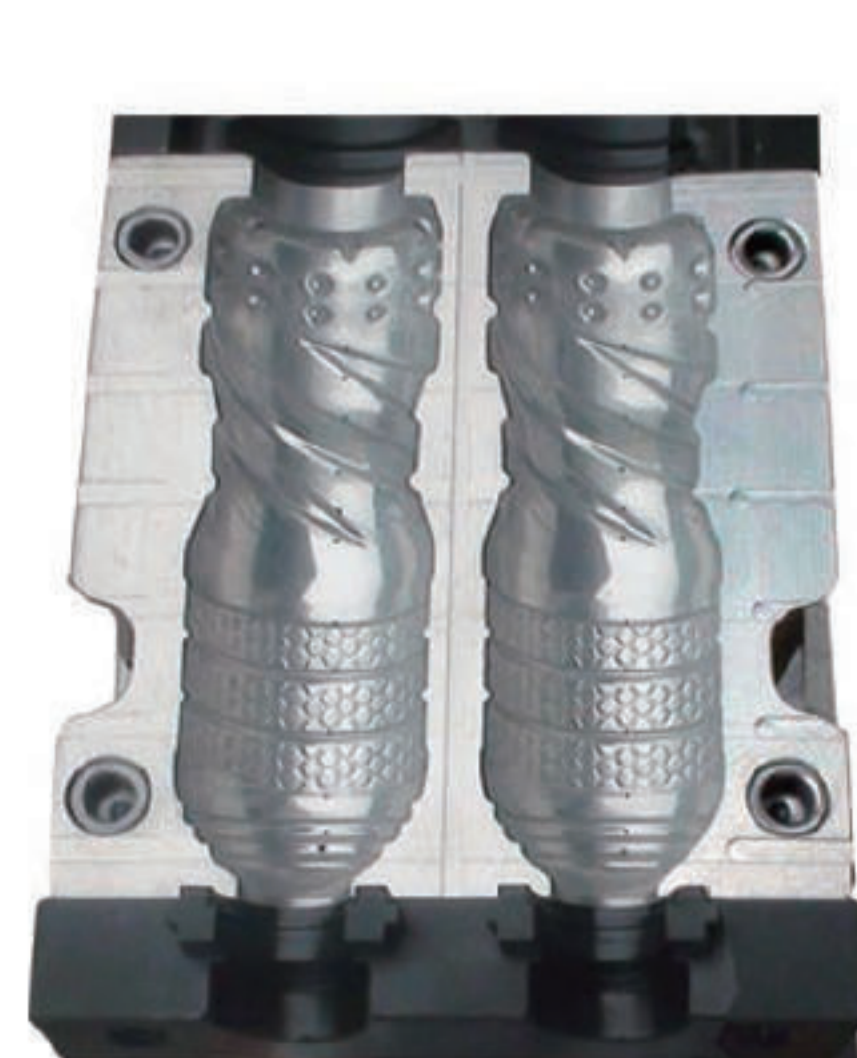
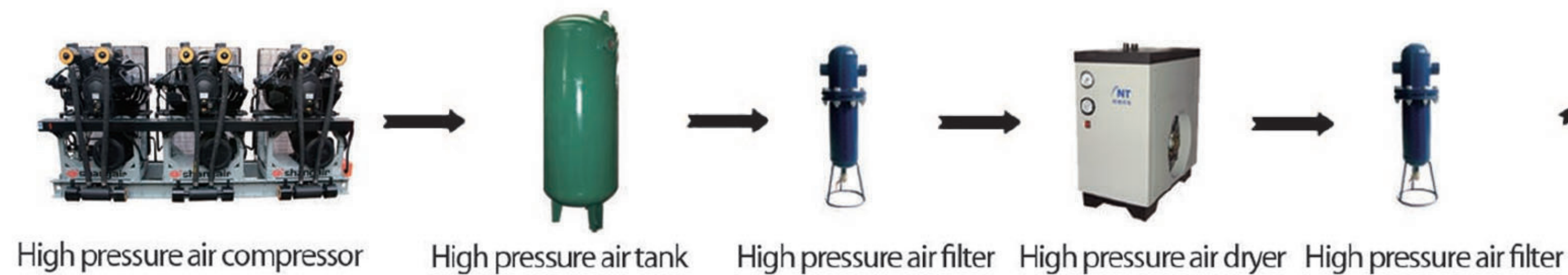
MDY - 1200 B

Semi-Automatic PET bottle blowing machine (two units)



◎ APPLICATIONS

Foods , oil , carbonated drinks , mineral water , alcohol , medicine , chemical , tennis ball jar and all kinds of bottles.



MDY - 500

Semi-Automatic PET bottle blowing machine (5 L single mould)



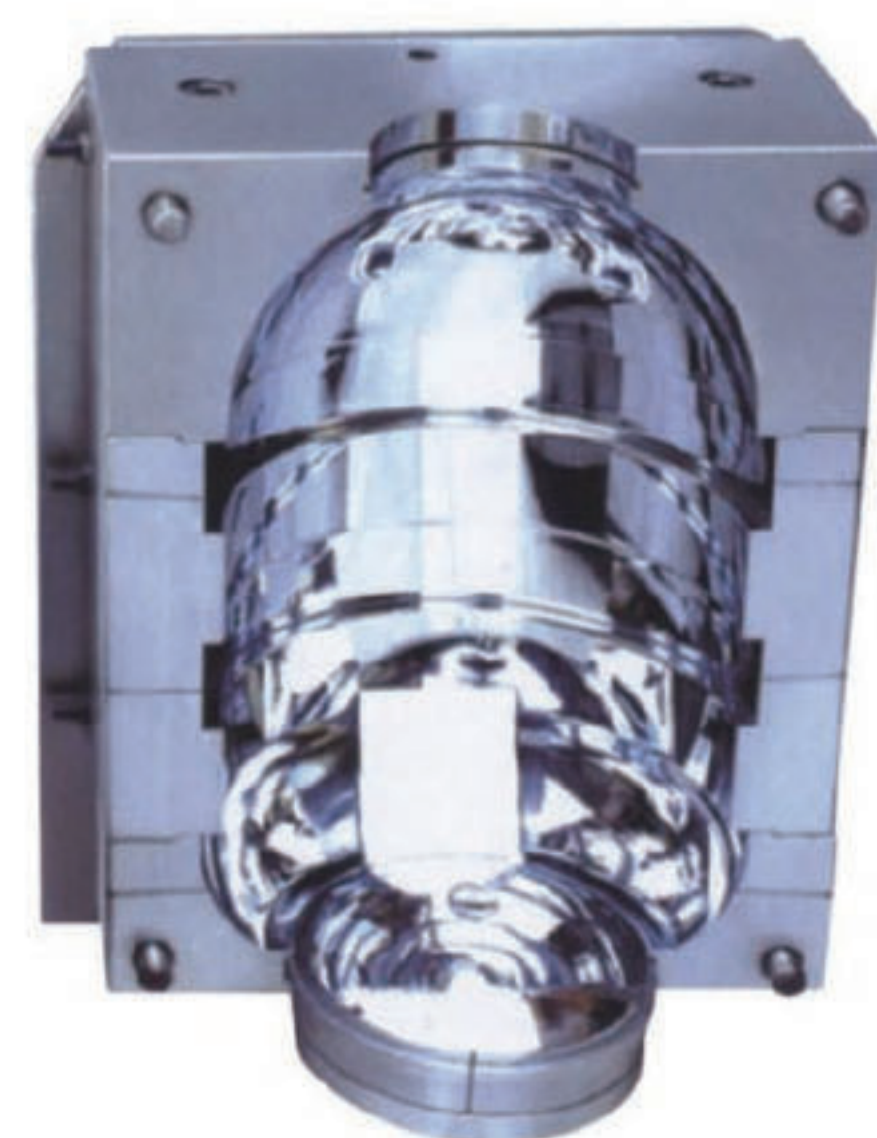
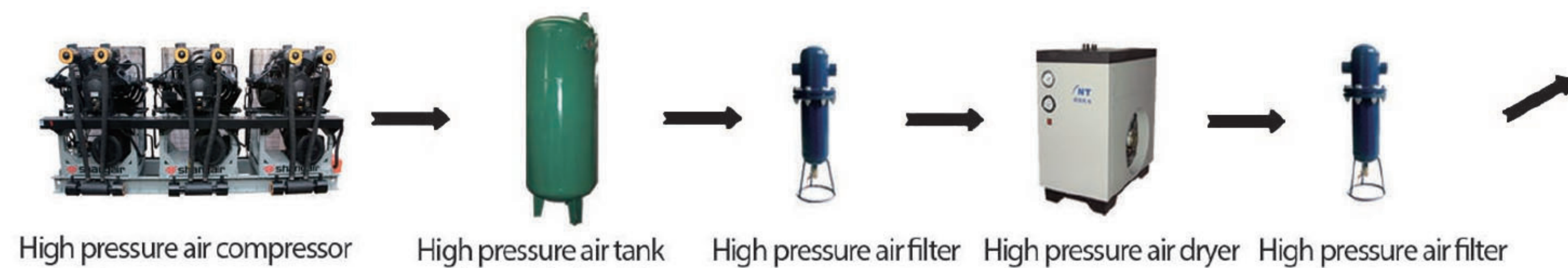
MDY - 500II

Semi-Automatic PET bottle blowing machine (two moulds)



© APPLICATIONS

Foods , oil , carbonated drinks , mineral water, alcohol , medicine, chemical , tennis ball jar and all kinds of bottles.



MDY - 120

Semi-Automatic 5 gallon bottle blowing machine (5 L)



APPLICATIONS

Foods , oil , carbonated drinks, mineral water, alcohol , medicine ,chemical , tennis ball jar and all kinds of bottles.



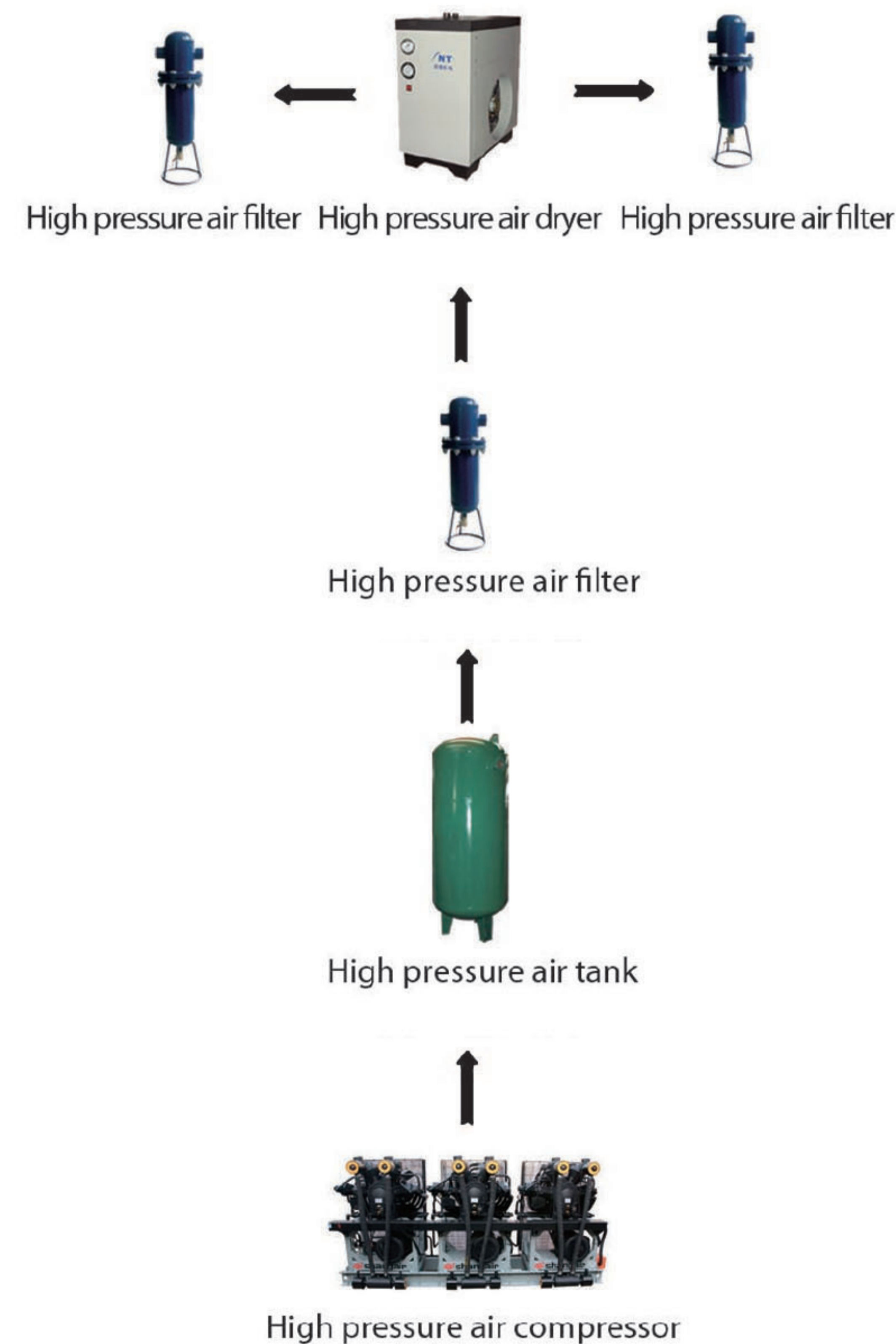
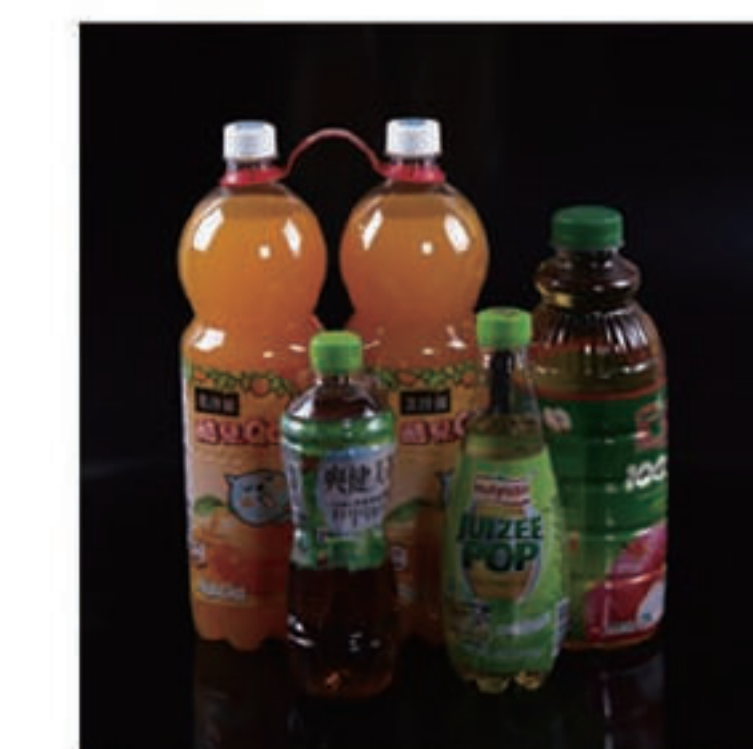
MDY - 1200N

Semi-Automatic PET high-temperature resistant bottle blowing machine

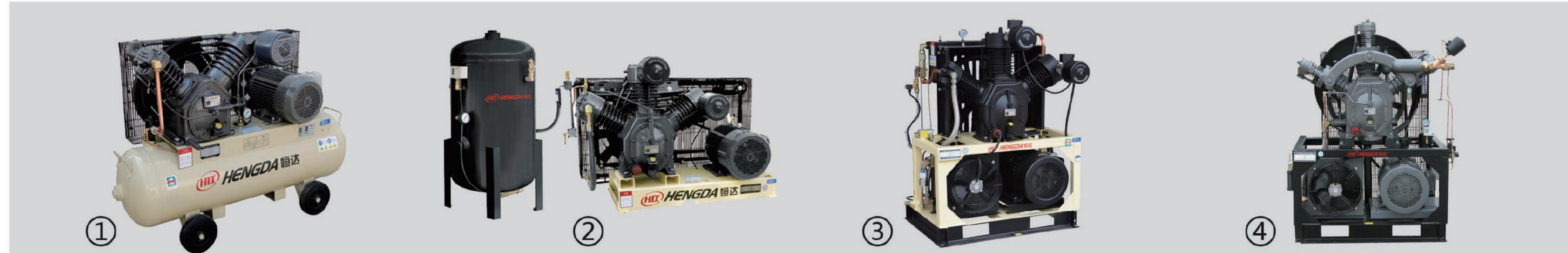


APPLICATIONS

Foods , oil , carbonated drinks, mineral water, alcohol , medicine ,chemical , tennis ball jar and all kinds of bottles.



			MDY-1200A	MDY-1200B	MDY-500	MDY-500II	MDY-120	MDY-1200 N
MOLDING	Clamping force	kg	13000	13000	25000	45000	6000	13000
	Clamping stroke	mm	155	155	220	220	360	155
	Stretching stroke	mm	370	370	400	400	450	370
	Bottom Stroke	mm	/	/	/	/	/	/
	Cavity pitch	mm	130	130	/	300	/	130
	Number of Cavity	Cavities	2	2	1	2	1	2
CONTAINER	Max.container volume	ltr	3	3	6	6	20	1.5
	Neck diameter range	mm	10-120	10-120	10-120	10-120	30-120	10-120
	Max.container diameter	mm	130	130	200	200	300	90
	Max.container height	mm	350	350	380	380	430	350
	Carriage unit	pcs	72	96	72	96	19	72
THEORETICAL OUTPUT		bph	1200	2400	500	1000	150	600
ELECTRICAL SYSTEM	Total power	kw	17	17	17	17	39	17
	Heating power	kw	16	16	16	16	38	16
	Max.heating power	kw	8	8	10	10	20	10
AIR SYSTEM	Operating pressure	kg/cm ²	7	7	7	7	7	7
	Air consuming	ltr/min	600	1200	600	800	1000	600
	Blowing pressure	kg/cm ²	25	25	25	25	25	25
	Air consuming	ltr/min	800	1200	1200	2400	1800	1500
AIR DRYER	Operation pressure	kg/cm ²	2~4	2~4	2~4	2~4	2~4	2~4
	Temperature		10~12	10~12	10~12	10~12	10~12	10~12
	Consuming	kcal/hr	2000	2000	2000	2000	2000	2000
	Flow rate	ltr/min	30	30	30	30	30	30
WATER CHILLER	Operation pressure	kg/cm ²	2~4	2~4	2~4	2~4	2~4	2~4
	Temperature		30	30	30	30	30	30
	Consuming	kcal/hr	10000	10000	10000	10000	10000	10000
	Flow rate	ltr/min	130	130	130	130	130	130
MACHINE	Machine size	mm	1650-650-1700	1650-650-1700	1850-650-1850	1850-850-1850	2350-750-1900	1650-650-1700
	Machine weight	kg	600	600	1100	1300	1500	600
REMARKS	1. All data standard indication for 0.6L bottle. 2. The actual output depends on the preform quality and boltte shape. 3. Specifications are subject to change without notice. 4. Please provide the stable ambient temperature.							



① 1.6m³ /12mpa
Low pressure air compressor

② 1.2m³ /30mpa
High pressure air compressor

③ 1.6m³ /30mpa
High pressure air compressor

④ 4.0m³ /30mpa
High pressure air compressor



⑤ 1.2m³ /30mpa
High pressure air compressor

⑥ 2.4m³ /30mpa
High pressure air compressor

⑦ 1.6m³ /30mpa
High pressure air compressor

⑧ 6.0m³ /30mpa
High pressure air compressor unit



⑨ Water-cooling tower

⑩ Low pressure air dryer

⑪ High pressure air tank

⑫ Low pressure air filter

⑬ High pressure air dryer

⑭ High pressure air filter



⑮ Feeding machine(PET)

⑯ Dryer(PET)

⑰ Mixing machine(PET)

⑱ Injection machine

⑲ Pulverizer



⑳ Water chiller
(fan type)

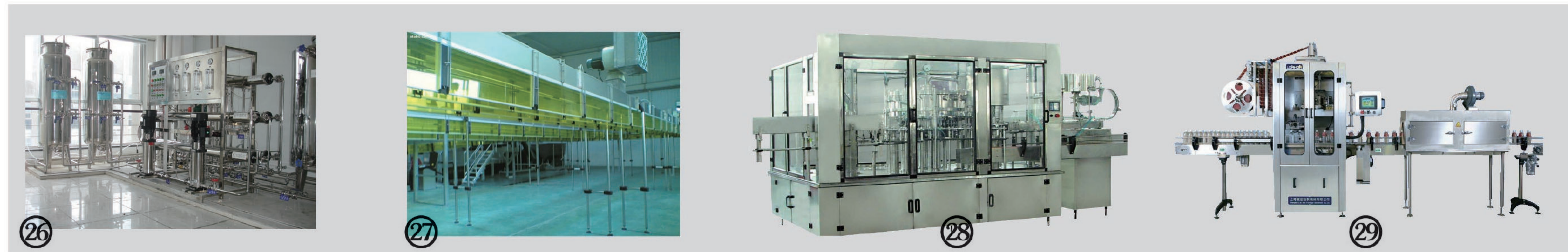
㉑ Water chiller
(water type)

㉒ High pressure air dryer
(high-cool)

㉓ Electric control cabinet

㉔ Conveyor (belt)

㉕ Conveyor (roller)



⑳ Water treatment system

㉗ Air conveyor

㉘ Water filling machine

㉙ Labeling machine



4-cavity semi-auto bottle blowing mould

2-cavity semi-auto bottle blowing mould

2-cavity semi-auto bottle blowing mould

5-gallon semi-auto bottle blowing mould

2-cavity semi-auto bottle blowing mould



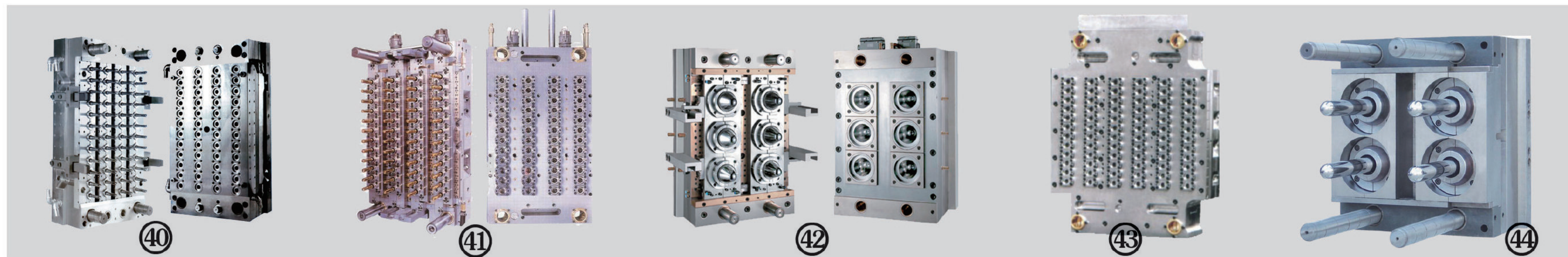
4-cavity automatic bottle blowing mould

6-cavity automatic bottle blowing mould

cap mould (24-cavity)

cap mould (27-cavity)

Bottle blowing mould



Preform mould (48-cavity)

Preform mould (48-cavity)

Wide-mouth preform mould (6-cavity)

Preform mould (72-cavity)

Preform mould (4-cavity)



SAMPLES

