

IPETONE

| Introduction





Company Overview

Turnkey-based Solution for Packaging-System

PETONE can provide turnkey-based solutions for packaging-system to customers with one single point of contact. In other words, you can be served from us all equipments and services for packaging system.

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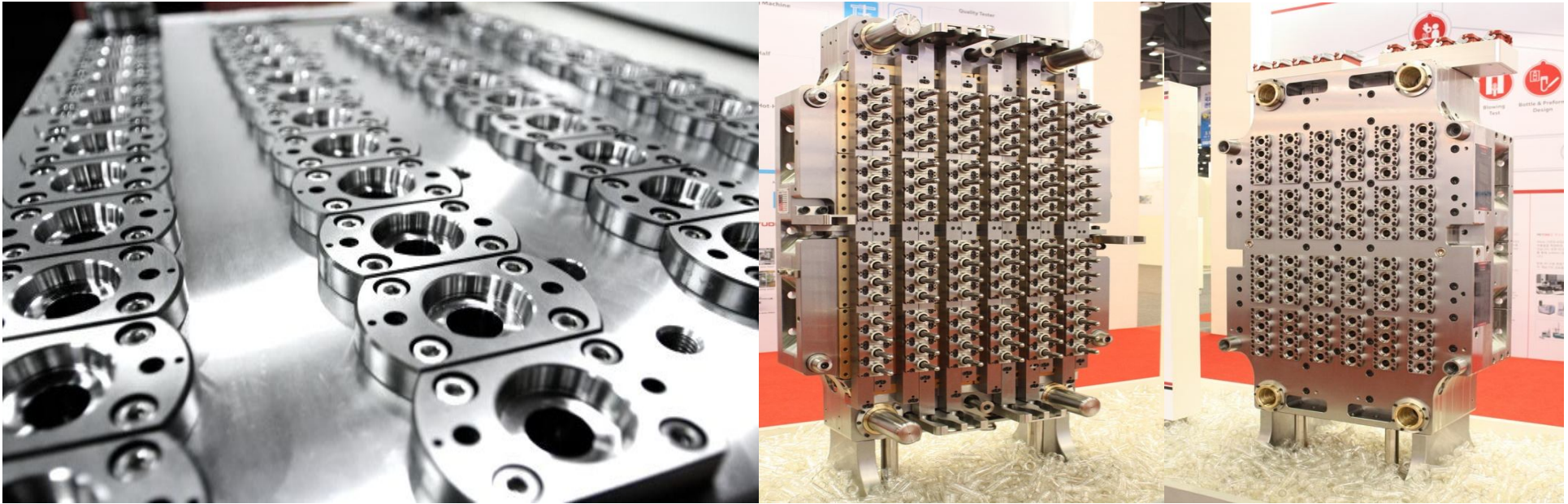


Our Products

High-end products with packaging mold experts

PETONE is manufacturing and supplying PET-Preform Mold, packaging mold like IML, Closure Mold and Syringe Mold.

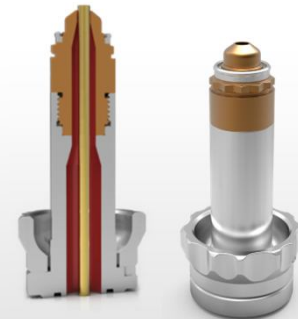
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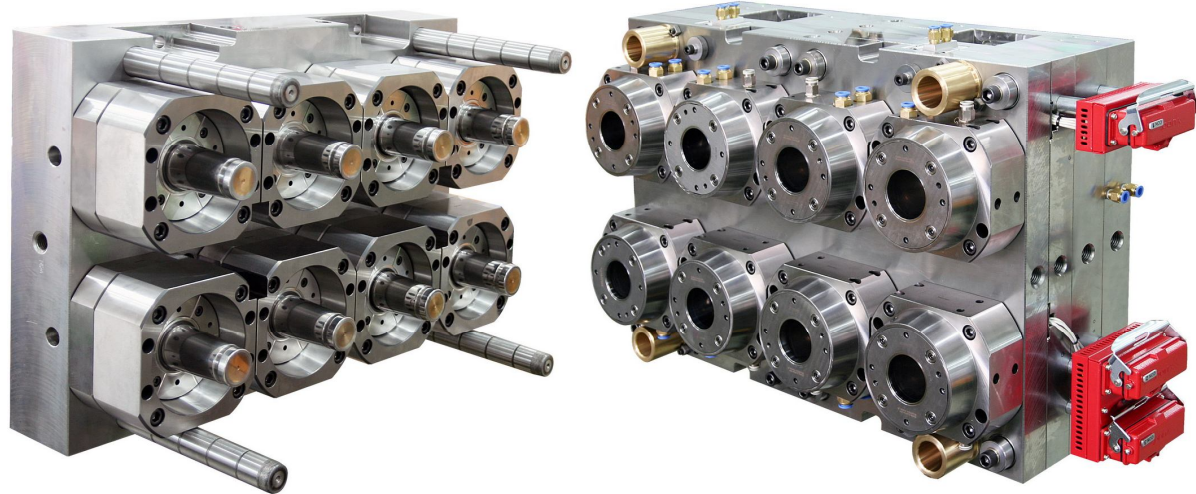
PET-Preform Mold

High Productivity, High Durability

Up to 124cavity PET-Preform Molds and Hot-Runners are built and supplied by PETONE.
We developed specially designed hot runner nozzles, our own patent, for PET preform molds.
Also every single mold component is being manufactured and supplied to customers.



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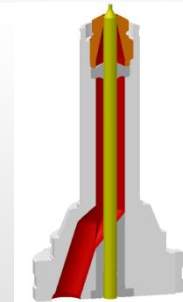
IML Packaging Mold

Various shaped IML packaging

IML(In Mold Labeling) Mold is for Lid, round and rectangular Container.

IML Mold is being supplied with our own designed POT hot-runner system.

POT Nozzle design is our patent and POT Hot Runner is for various thin-wall containers.



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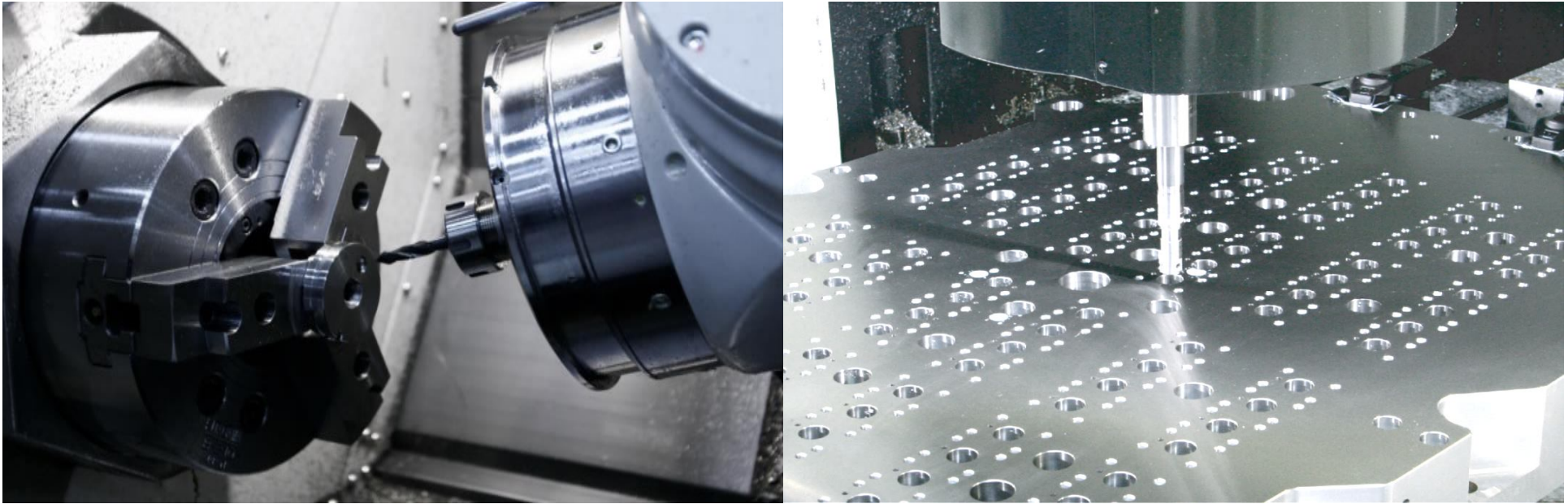


Closure Mold

From standard closures to various kinds of functional closures

Closure Mold is one of main products. Mold is designed properly for international standard as for PCO series, Alcoa series, water closures and others. Also Mold can be designed and built for customized closures. PETONE has line-up for closure mold up to 96cavity.

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Ability & Capability

High-end machines make high quality molds

PETONE possesses the state-of-art machining capability to optimize the quality of plates and components. All machines are customized to PETONE's high quality requirement to produce the best precision products at the fastest rate. All machines also include automatic measurement system inside of them for the consistent quality machining.

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Ability & Capability : Plant A

High-end machines make high quality molds

PETONE Building A is with 8,689m² space and head office.

There are 38 high-end machines for tooling/machining, all quality control measuring instruments for and assembling area for mold and hot runner. Constant temperature and humidity are being controlled and kept for 24hours at every area.

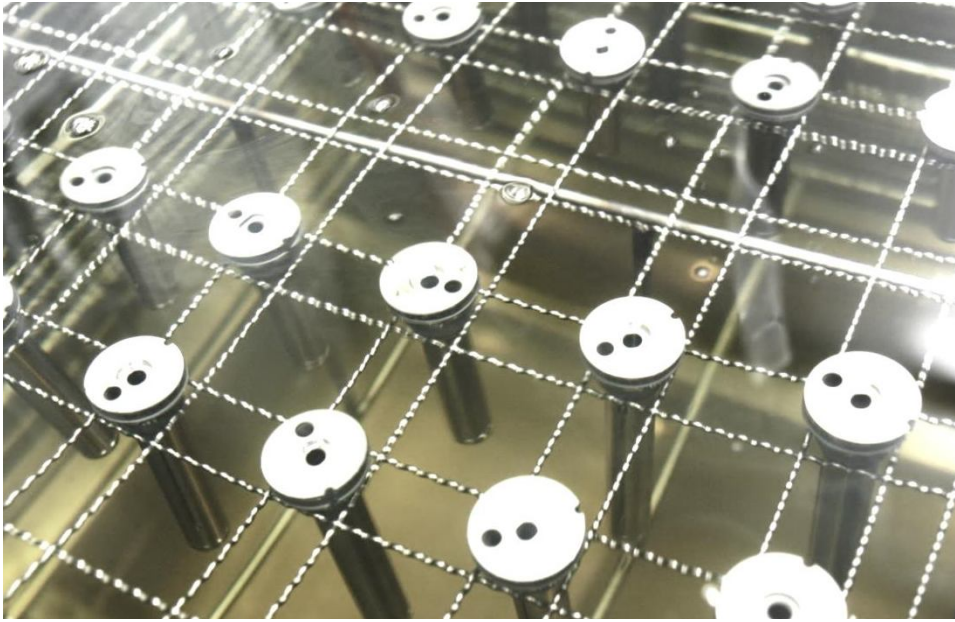
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Ability & Capability : Plant B

High-end machines make high quality molds

PETONE Building B is with 1,277m² and specially designed and constructed, which a half of building height is buried into ground. It can save energy by keeping a constant temperature and humidity. All plates for molds and hot runners are being manufactured with machining.

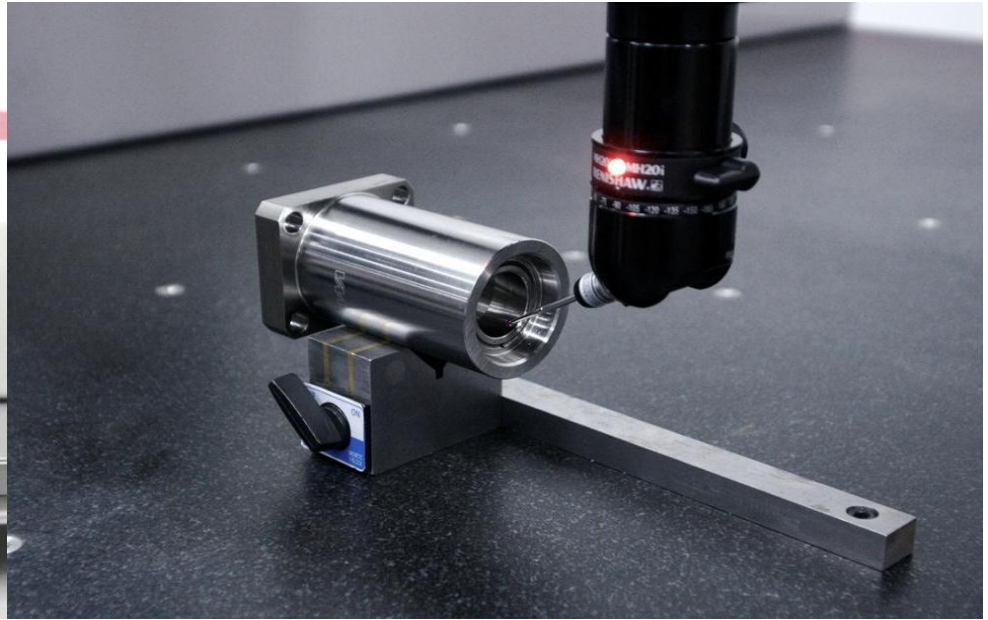
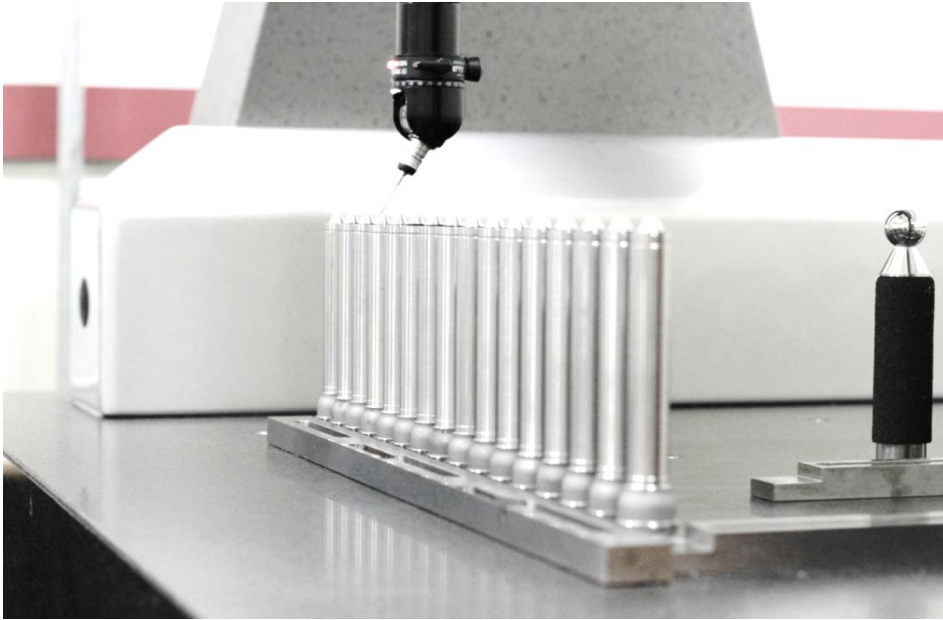


Refurbishment

Meticulous refurbishment program

PETONE uses ultrasonic cleaner.

An ultrasonic cleaner is a cleaning device that uses ultrasound (usually from 20–400 kHz) and an appropriate cleaning solvent. Refurbishment program can be selected depending on your needs.



PETONE supplies faultless products.

Inspection lab fully equipped with state-of-the-art measuring instruments.

PETONE inspects every single item for impeccable products using 3D measuring devices.
WE are working to a tolerance of 0.01mm in squareness for nozzle and 0.003mm for PGB.



Quality Test

AA(Acetaldehyde) & Moisture control

PETONE is equipped in house with Gas chromatograph(AA) and 2 types of Moisture testers. We not only take care of product quality control, but also think about health and safety of end-users.



MOTE CENTER : Mold Technology Center

Performance Test to guarantee mold quality

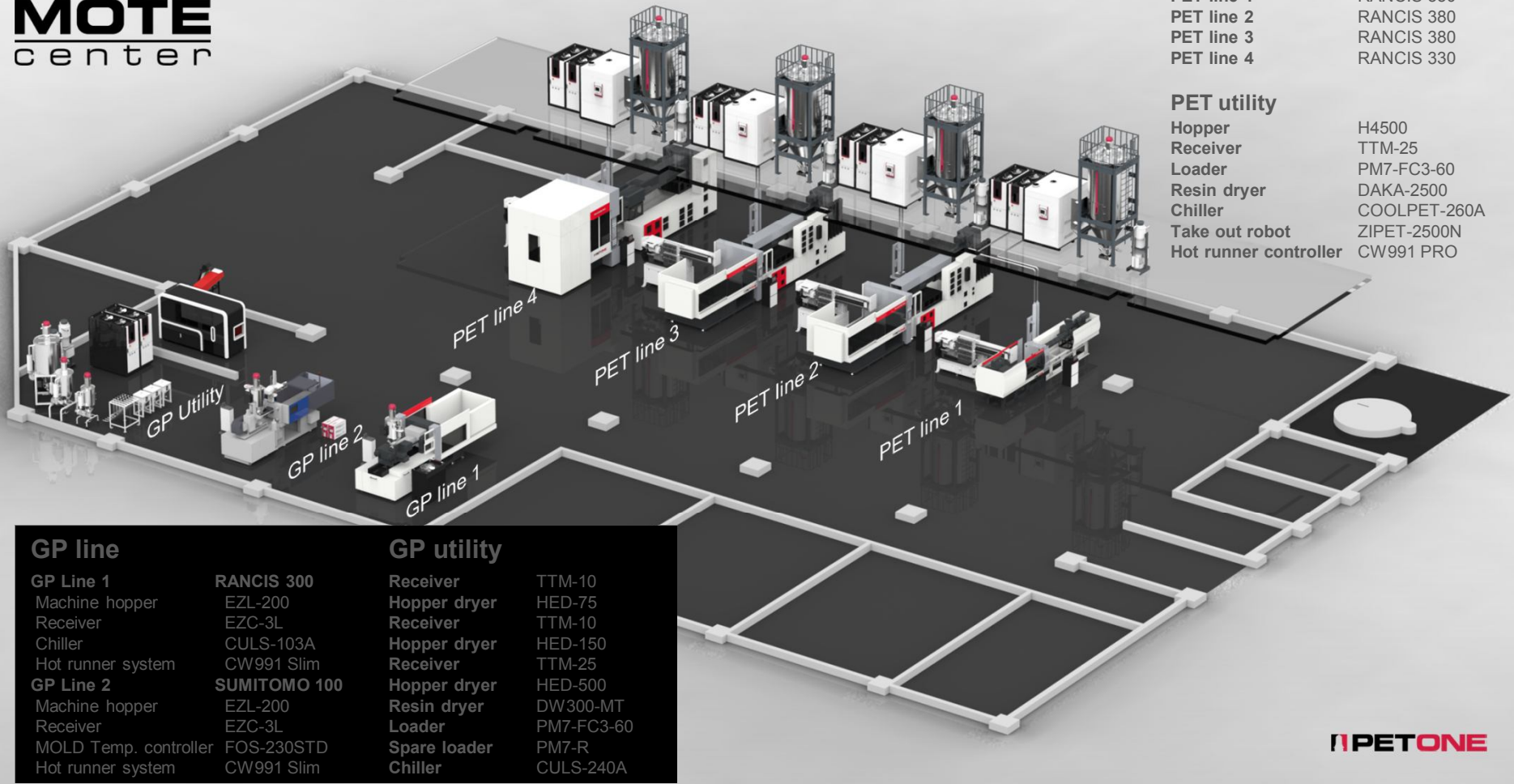
MOTE Center is based on IMC(Integrated monitoring & Controlling system).

PETONE tests all molds in here prior to shipment by using our installed injection systems.

After the approval from customer, we deliver our molds to customers. Customers are more than welcome to visit us and see mold and system performance.

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MOTE center



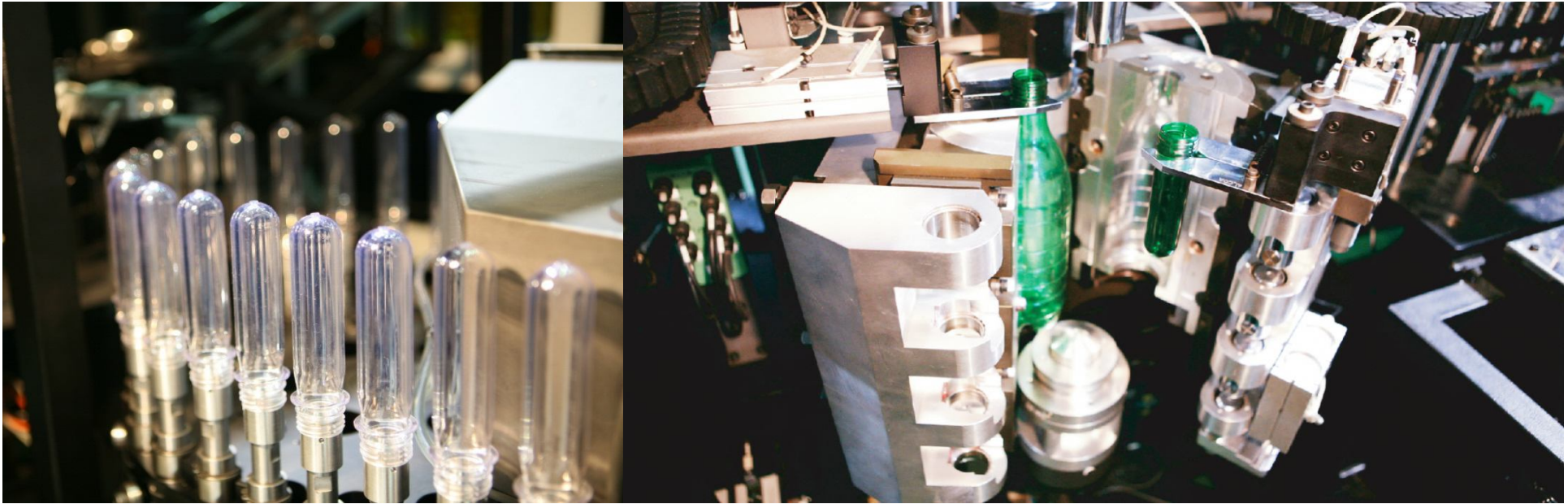
PET line

PET line 1	RANCIS 350
PET line 2	RANCIS 380
PET line 3	RANCIS 380
PET line 4	RANCIS 330

PET utility

Hopper	H4500
Receiver	TTM-25
Loader	PM7-FC3-60
Resin dryer	DAKA-2500
Chiller	COOLPET-260A
Take out robot	ZIPET-2500N
Hot runner controller	CW991 PRO

GP line		GP utility	
GP Line 1	RANCIS 300	Receiver	TTM-10
Machine hopper	EZL-200	Hopper dryer	HED-75
Receiver	EZC-3L	Receiver	TTM-10
Chiller	CULS-103A	Hopper dryer	HED-150
Hot runner system	CW991 Slim	Receiver	TTM-25
GP Line 2	SUMITOMO 100	Hopper dryer	HED-500
Machine hopper	EZL-200	Resin dryer	DW300-MT
Receiver	EZC-3L	Loader	PM7-FC3-60
MOLD Temp. controller	FOS-230STD	Spare loader	PM7-R
Hot runner system	CW991 Slim	Chiller	CULS-240A



Prototyping Service

Blowing Test & Design Consulting

In house test equipment is ready to test all molds with the prototype blow molding machine.

Once the design of bottles has been decided, PETONE can design PET preform molds and then conduct blowing tests, finally provides samples for quality confirmation.

Besides, we are capable of suggesting the design of preforms and bottles.

PETONE

YUDO Hot runner system



YUDO Hot runner controller



IPETONE PET preform mold



YUDO-STAR Factory automation



YUDO-STAR Take-out robot [IMM 30~4,000ton]



YUDO-SUNS Heat exchange system



YUDO-SUNS Auto-feeding, Drying, Coloring & Blending



One Contact Point, One Responsibility

Turnkey based Solution & One Stop Service

Our goal is to fulfill customer's needs of Packaging system with one contact point, one responsibility.

PETONE, with YUDO family and our valuable partners, will provide customizable and integrated solutions for you.

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| Thank you

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