

MultiPro

Two-platen Multi-component
Injection Molding Machine
Modular design for easy combination



YIZUMI Precision Molding Technology Co., Ltd.

Address: No.12 Shunchang Road, Shunde, Foshan, Guangdong 528300, China
TEL: 86-757-2921 9764 86-757-2921 9001(overseas) Email: imm@yizumi.com
www.yizumi.com

【DISCLAIMER】
[1] YIZUMI reserves the right to modify the product description in the catalogue. Specification might be changed without prior notice.
[2] The picture in the catalogue is for reference only. The real object should be considered as final.
[3] The data in the catalogue is obtained from internal testing in YIZUMI laboratory.
Please refer to the actual machine for the final data. YIZUMI reserves the right of final interpretation upon disputes and ambiguities.



THINK TECH FORWARD

PRODUCT DETAILS

Based on advanced technology, multi-component molding is available by the combination of injection units. YIZUMI MultiPro molding process can help multi-component production by just adding one processing step. YIZUMI has been always in leading position in multi-component molding, providing with high-end solution.

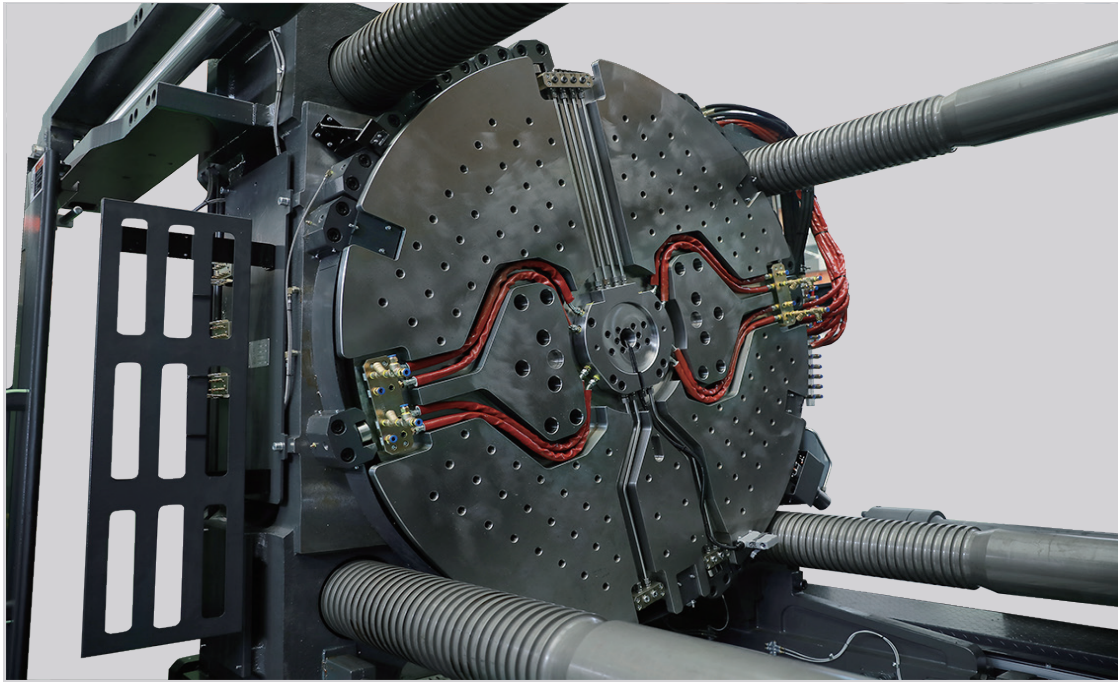
MultiPro

PRODUCT DETAILS

Widely used in various industries

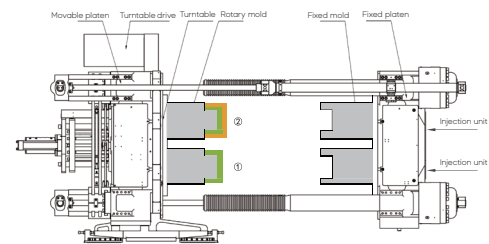
				
Auto grill	Auto door panel	Auto tail light	Auto headlight	Auto sunroof
				
Auto interior and exterior trimming	Appliance panel	Appliance frame	Notebook parts	Bathroom products

Vertical turntable



Operating principle

After simultaneous injection by A unit and B unit, the product is ejected. Then the turntable rotates vertically by 180 degrees and the mold is closed for next-round injection. When the mold is finally opened, the molding process of two stations is completed. The rotary degree of turntable is set at 180 degrees in forward and reverse direction.



Feature

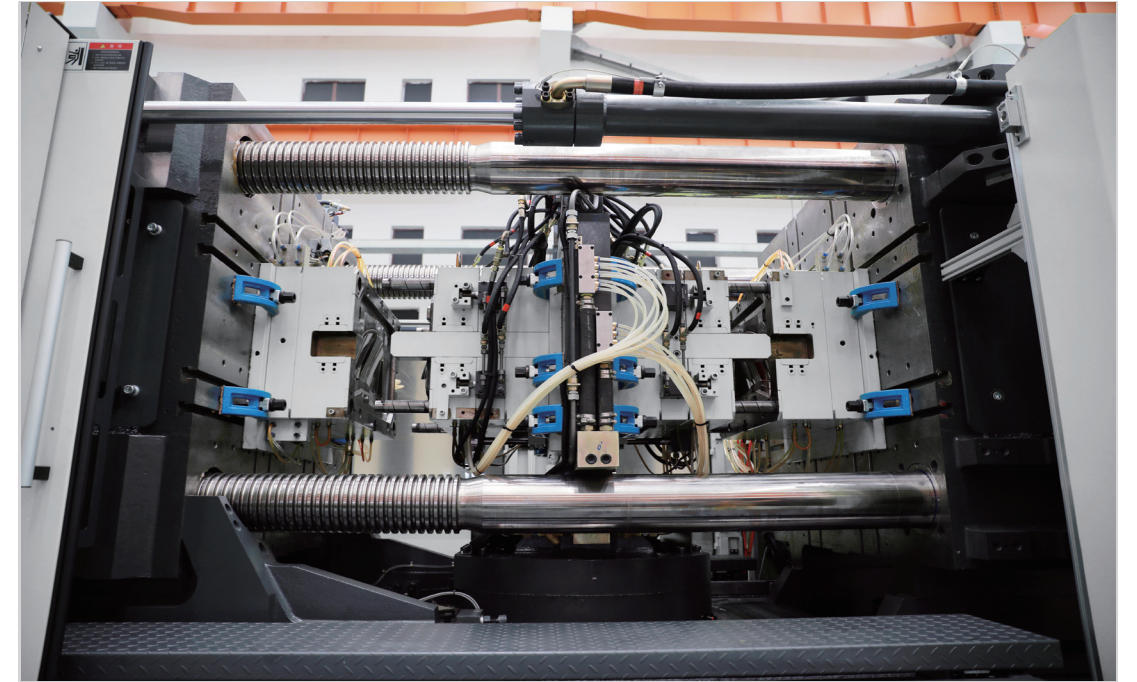
Station exchange can be achieved by rotating the turntable vertically.
Good compatibility and mature mold technology, with wider application.

Application

Widely applied in the production of multi-component products, such as auto taillight, center console panel, interior and exterior parts, appliance shell, notebook parts, etc.

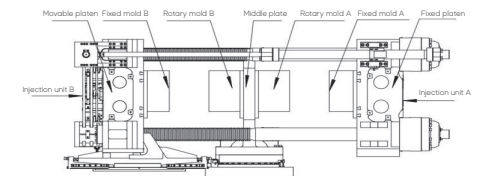


Horizontal turntable



Operating principle

Injection unit B is moved along with the movable platen. The process of mold opening and closing is completed with the movement cooperation of movable platen and horizontal turntable. After mold closing, the injection by unit A and B is carried out as per process requirement. And the product is finally ejected by the core-pulling unit of middle plate or ejection unit after mold opening.



Feature

Station exchange can be achieved by rotating the turntable horizontally.
Compared with vertical turntable, horizontal turntable can help machine double the production capacity with the same clamping force setting; or largely reduce clamping force under the same production capacity as required.

Application

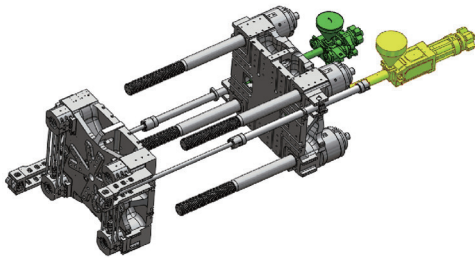
Widely applied in the production of multi-component products, such as auto sunroof, side window, A-pillar, B-pillar, headlight, grill, door panel, center console screen, appliance panel, outer frame.



Vertical Turntable+P Type Combination

P type combination for two-color molding

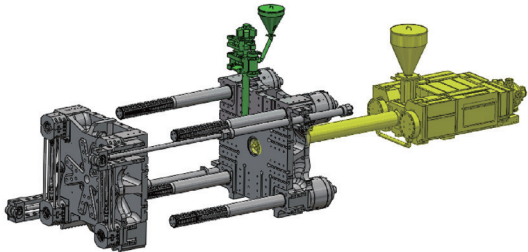
- Description: Parallel combination for two-color molding
- Combination: H + P
- Feature : It is suitable for short nozzle center distance. The nozzle center distance is adjustable. The injection unit can be moved for centering.



Vertical Turntable+V Type Combination

V type combination for two-color molding

- Description: Vertical combination for two-color molding
- Combination: H + V
- Feature: It is suitable for the production of multi-component products requiring less injection volume.



DIM Series Two-platen Multi-component IMM																																				
Injection unit	300			420			630			930			1310			1870			3100			3900			5000			7000			9200			13200		
Screw	30	35	40	35	43	48	43	48	53	48	53	60	53	60	68	60	68	76	68	76	84	76	84	92	84	92	108	92	100	116	100	108	125	116	125	135
	P type injection unit																																			
UN500D1M																																				
UN700D1M																																				
UN900D1M																																				
UN1100D1M																																				
UN1200D1M																																				
UN1300D1M																																				
UN1400D1M																																				
UN1600D1M																																				
UN1850D1M																																				
UN2100D1M																																				
UN2400D1M																																				
	● H type injection unit															● P type injection unit																				

D1M Series Two-platen Multi-component IMM														
Injection unit	190		295			420			604			895		
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53
	V type injection unit													
UN500D1M														
UN700D1M														
UN900D1M														
UN1100D1M														
UN1200D1M														
UN1300D1M														
UN1400D1M														
UN1600D1M														
UN1850D1M														
UN2100D1M														
UN2400D1M														
Specification of H type injection unit is the same as that of D1 injection unit.														

DPM Series Two-platen Multi-component IMM																																						
Injection unit	300			420			630			930			1310			1870			3100			3900			5000			7000			9200			13200				
Screw	30	35	40	35	43	48	43	48	53	48	53	60	53	60	68	60	68	76	68	76	84	76	84	92	84	92	108	92	100	116	100	108	125	116	125	135		
	P type injection unit																																					
UN500DPM																																						
UN700DPM																																						
UN900DPM																																						
UN1100DPM																																						
UN1500DPM																																						
UN1850DPM																																						
UN2300DPM																																						
UN2850DPM																																						
UN3200DPM																																						
																		</																				

DPM Series Two-platen Multi-component IMM														
Injection unit	190		295			420			604			895		
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53
	V type injection unit													
UN500DPM														
UN700DPM														
UN900DPM														
UN1100DPM														
UN1500DPM														
UN1850DPM														
UN2300DPM														
UN2850DPM														
UN3200DPM														
Specification of H type injection unit is the same as that of DP injection unit.														

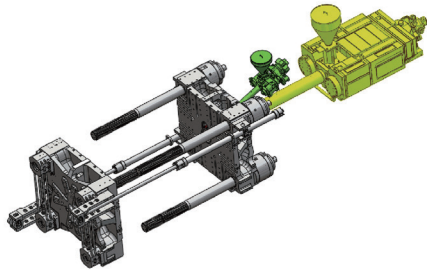
※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

Vertical Turntable+W Type Combination

W type combination for two-color molding

- Description: Piggyback combination for two-color molding
- Combination: H + W
- Feature: It is suitable for the production of multi-component products requiring highly space-saving.



D1M Series Two-platen Multi-component IMM																															
Injection unit		190		295			420			604			895			1269			1885			2695			3330			4800			
Screw		22	26	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100	108
H type Injection Unit		W type injection unit																													
895	43																														
	48																														
	53																														
1269	53																														
	60																														
	68																														
1885	60																														
	68																														
	76																														
2695	68																														
	76																														
	84																														
3330	76																														
	84																														
	92																														
4800	84																														
	92																														
	100																														
6800	108																														
	116																														
	100																														
9000	108																														
	116																														
	125																														
10900	108																														
	116																														
	125																														
14500	135																														
	125																														
	135																														
18500	145																														
	135																														
	145																														
23750	155																														
	165																														
	145																														
37500	155																														
	165																														
	185																			</											

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

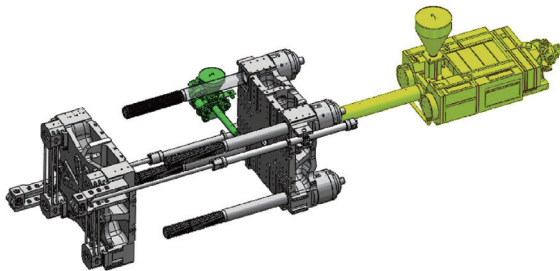
[illegible]

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

Vertical Turntable+L Type Combination

L type combination for two-color molding

- Description: L-shaped combination for two-color molding
- Combination: H + L
- Feature: Highly flexible, secondary injection unit is easy to disassemble and move.



DIM Series Two-platen Multi-component IMM																														
Injection unit	190		295			420			604			895			1269			1885			2695			3330			4800			
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100	108
	L type injection unit																													
UN500D1M																														
UN700D1M																														
UN900D1M																														
UN1100D1M																														
UN1200D1M																														
UN1300D1M																														
UN1400D1M																														
UN1600D1M																														
UN1850D1M																														
UN2100D1M																														
UN2400D1M																														
Specification of H type injection unit is the same as that of D1 injection unit.																														

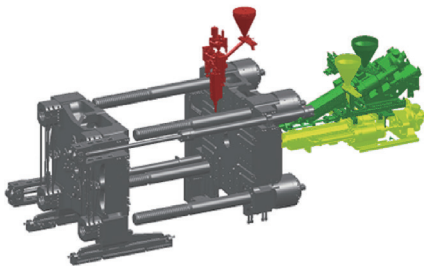
DPM Series Two-platen Multi-component IMM																													
Injection unit	190		295			420			604			895			1269			1885			2695			3330			4800		
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100
	L type injection unit																												
UN500DPM																													
UN700DPM																													
UN900DPM																													
UN1100DPM																													
UN1500DPM																													
UN1850DPM																													
UN2300DPM																													
UN2850DPM																													
UN3200DPM																													
Specification of H type injection unit is the same as that of DP injection unit.																													

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

Vertical Turntable+W-V Type Combination

W-V type combination for three-color molding

- Description: Piggyback/Vertical combination for three-color molding
- Combination: H+W+V
- Feature: Small floor area and compact layout.



DIM Series Two-platen Multi-component IMM															
Injection unit	190		295			420			604			895			
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53	
	V type injection unit														
UN500D1M															
UN700D1M															
UN900D1M															
UN1100D1M															
UN1200D1M															
UN1300D1M															
UN1400D1M															
UN1600D1M															
UN1850D1M															
UN2100D1M															
UN2400D1M															
Specification of main and secondary injection unit is the same as that of H+W combination. The specification of V type injection unit, please refer to this table.															

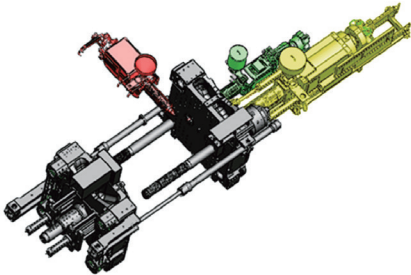
DPM Series Two-platen Multi-component IMM														
Injection unit	190		295			420			604			895		
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53
	V type injection unit													
UN500DPM														
UN700DPM														
UN900DPM														
UN1100DPM														
UN1500DPM														
UN1850DPM														
UN2300DPM														
UN2850DPM														
UN3200DPM														
Specification of main and secondary injection unit is the same as that of H+W combination. The specification of V type injection unit, please refer to this table.														

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

Vertical Turntable+P-L Type Combination

P-L type combination for three-color molding

- Description: Parallel/L-shaped combination for three-color molding
- Combination: H+P+L
- Feature: Flexible configuration and wide application.



DIM Series Two-platen Multi-component IMM																							
Injection unit	190		295			420			604			895			1269			1885			2695		
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84
	L type injection unit																						
UN500D1M																							
UN700D1M																							
UN900D1M																							
UN1100D1M																							
UN1200D1M																							
UN1300D1M																							
UN1400D1M																							
UN1600D1M																							
UN1850D1M																							
UN2100D1M																							
UN2400D1M																							
Specification of main and secondary injection unit is the same as that of H+P combination. The specification of L type injection unit, please refer to this table.																							

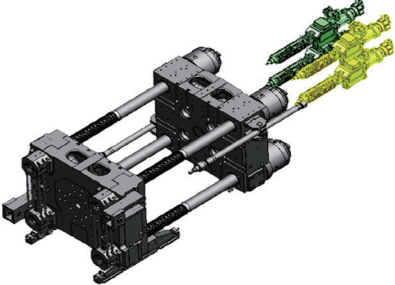
DPM Series Two-platen Multi-component IMM																													
Injection unit	190		295			420			604			895			1269			1885			2695			3330			4800		
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100
	L type injection unit																												
UN500DPM																													
UN700DPM																													
UN900DPM																													
UN1100DPM																													
UN1500DPM																													
UN1850DPM																													
UN2300DPM																													
UN2850DPM																													
UN3200DPM																													
Specification of main and secondary injection unit is the same as that of H+P combination. The specification of L type injection unit, please refer to this table.																													

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

Vertical Turntable+P-P Type Combination

P-P type combination for three-color molding

- Description: Two set of parallel combination for four-color molding
- Combination: P+P
- Feature: Support customization as per demand.



D1M Series Two-platen Multi-component IMM																						
Injection unit	300			420			630			930			1310			1870			2720			
Screw	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84	
	P type injection unit																					
UN1100D1M																						
UN1200D1M																						
UN1300D1M																						
UN1400D1M																						
UN1600D1M																						
UN1850D1M																						
UN2100D1M																						
UN2400D1M																						
Please contact for the specific combination.																						

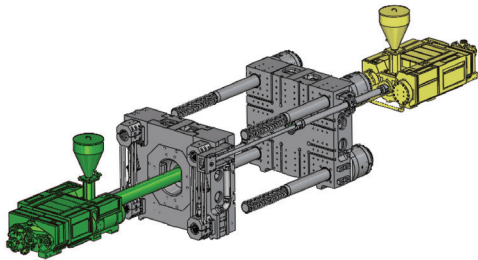
DPM Series Two-platen Multi-component IMM																						
Injection unit	300			420			630			930			1310			1870			2720			
Screw	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84	
	P type injection unit																					
UN900DPM																						
UN1100DPM																						
UN1500DPM																						
UN1850DPM																						
UN2300DPM																						
UN2850DPM																						
UN3200DPM																						
Please contact for the specific combination.																						

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

Horizontal Turntable+M-Type Combination

Two-way injection for two-color molding

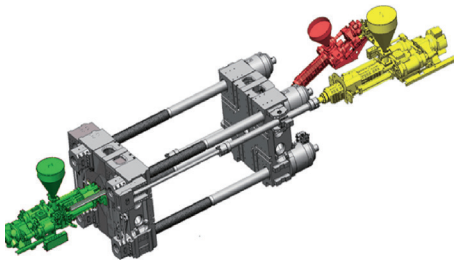
- Description: Horizontal two-way injection molding
- Combination: H+M
- Feature: It is suitable for the production of large multi-component products, innovative application with horizontal turntable.



DPM Series Two-platen Multi-component IMM																				DPM Series Two-platen Multi-component IMM																														
Injection unit	190		295			420			604			895			1269			1885			2695			3330			4800			6150			9000			12050			18500			23750								
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100	92	100	108	100	108	116	116	125	135	135	145	155	145	155	165						
	M+H																				M+H																													
UN900DPM																																																		
UN1500DPM																																																		
UN1850DPM																																																		
UN2300DPM																																																		
UN2850DPM																																																		
UN3200DPM																																																		
● Injection unit is mounted on the movable platen.																				● Injection unit is mounted on the frame.										● Injection unit is mounted on the movable platen.										● Injection unit is mounted on the frame.										

Two-way injection for three/four-color molding

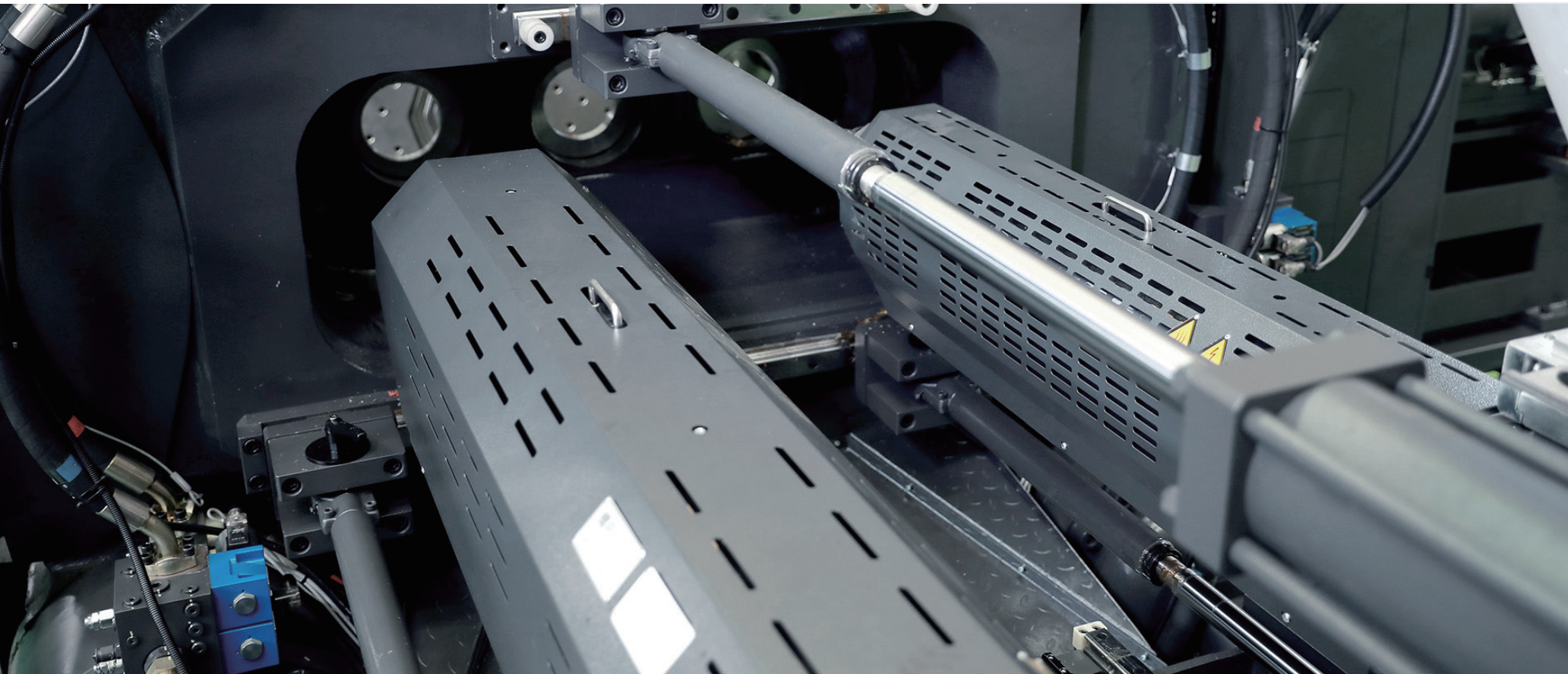
- Description: Two-way injection molding with piggyback injection unit
- Combination: H+M+W
- Feature: It can be combined flexibly for the production of large-scale products, with multi-component or multi-color requirement.



DPM Series Two-platen Multi-component IMM																				DPM Series Two-platen Multi-component IMM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Injection unit	190		295			420			604			895			1269			1885			2695			3330			4800			6150			9000			12050			18500			23750																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Screw	22	26	30	35	40	35	43	48	43	48	53	43	48	53	53	60	68	60	68		76	68	76	84	76	84	92	84	92	100	92	100	108	100	108	116	116	125	135	135	145	155	145	155	165																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	M+H																				M+H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
UN900DPM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.

Injection unit



High injection repeatability

Based on European single-cylinder injection molding technology, it brings low injection inertia and high leak-proof performance of cylinder; also combined with high mixing anti-stick screw and precise temperature control, injection stability is further enhanced, making the repeatability of product weight up to 3%.

Proportional valve-controlled back pressure

Precise control to enhance injection stability and provide necessary conditions for excellent plasticizing effect.

Excellent injection accuracy

Repeatability of product weight up to 3%.

Modular combination design

According to the process requirement of different products, injection units can be combined flexibly, with various software functions, making customization achievable.

High mixing anti-stick screw design

Screw design with optimized mixing parameters is adopted to ensure efficient plasticization, but also reach the better mixing effect and eliminate stickiness, yellowing and blackening.

New-generation PID temperature control

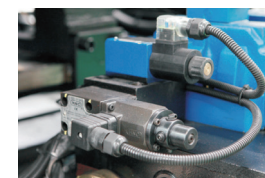
With adaptive PID temperature control, the static temperature control accuracy reaches up to $\pm 0.5^{\circ}\text{C}$.

Single cylinder injection structure

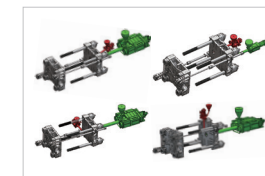
Excellent cylinder sealing, high injection speed.

Adjustable nozzle center distance

The nozzle center distance between the injection units is adjustable, and a standard adjustable range is specific for the machine of different tonnages, to better match with the molds of various center distances. And the injection unit with automatic centering function also can be used for the production of single-color products.



Proportional valve-controlled back pressure



Modular combination of injection unit



PID temperature control



Adjustable nozzle center distance



Excellent injection accuracy



High mixing anti-stick screw design



Single-cylinder injection structure



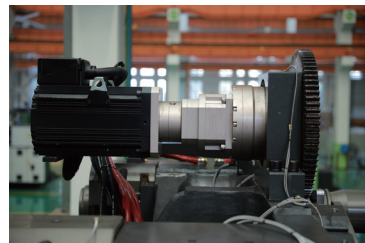
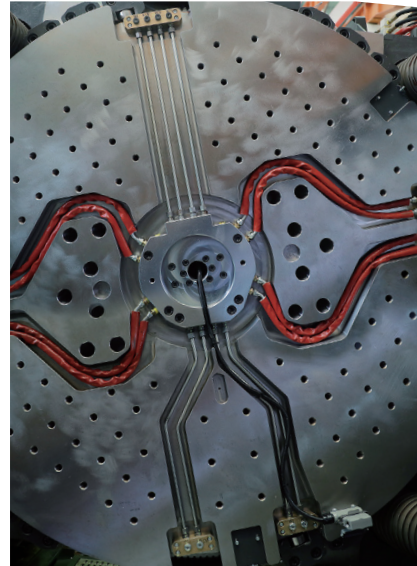
Mobile centering function

Clamping Unit

Integrated turntable

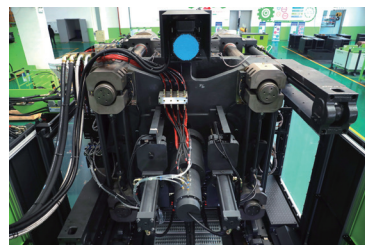
Integrated design, high rigidity, large bearing capacity and compact structure;

The turntable is standard with servo motor with high precision and rotation speed.
It can be equipped with multiple groups of water-oil-gas diversion systems at high flow rate.



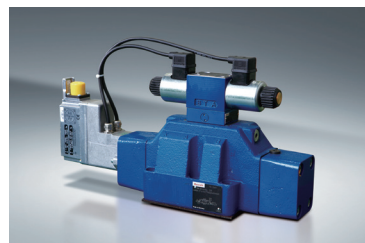
Digital closed-loop positioning control technology (DCPC)

Turntable driven by servo motor is controlled by DCPC technology, with high rotating speed, smooth operation without impact, accurate positioning and repeatability up to $\pm 0.005^\circ$.



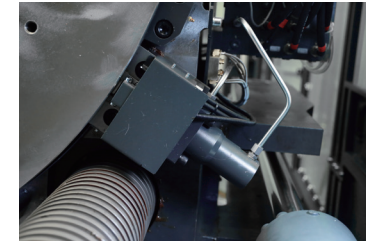
Automatic flow-distribution shaft system

Turntable is applied with German automatic flow distribution shaft system, with double layer structure for oil-water separation. It offers centralized management for oil, water and gas. Multi-angle rotary of station is also available by 0° , 90° , 120° , 180° , 240° or 360° , no wear and no tangling for pipeline, wider application.



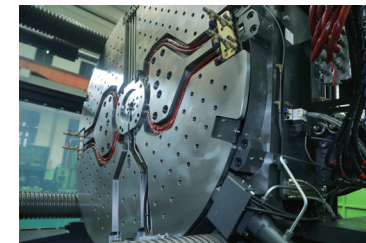
Proportional valve-controlled mold opening and closing

Improve the repeatability of mold opening and the stability of low-pressure mold protection.



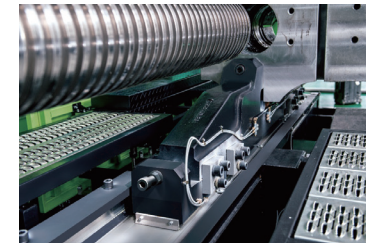
Turntable positioning pin

Effectively improve the positioning accuracy of the turntable.



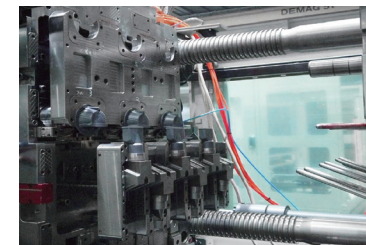
Synchronizing turntable

Whole series machine is standard with synchronization function between mold opening & closing and turntable rotary, which can be set as per requirement, beneficial for efficiency improvement.



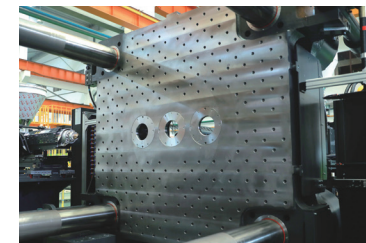
High rigidity and precise guiding

The L-shaped guide rail designed considering guiding and gravity center support, with guide accuracy of 0.05mm, effectively improving the movement stability and extending mold service life.



Rotating shaft module (Optional)

Movable platen is optional with a rotating shaft module, to meet the requirements of the in-mold core rotating process for two-color products.



Custom-designed mold positioning

Custom-designed mold positioning is available as per requirement. And center distance can be adjusted by replacing the positioning ring, with wider application scope.

Control system

Precise control, reliable and stable, user-friendly design

Austrian KEBA controller is standard for two-platen multi-component injection molding machine. Controller design is reliable, stable, safe and user-friendly, applicable to various multi-component molding solutions, improving customer experience.

KEBA Controller ▶



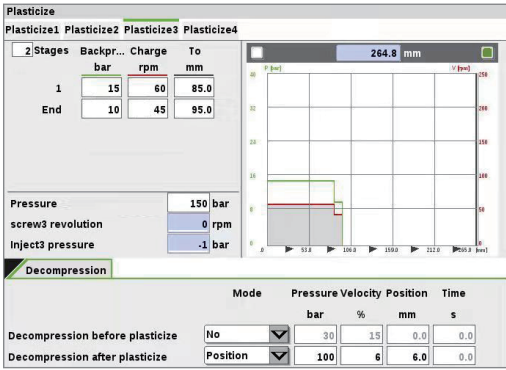
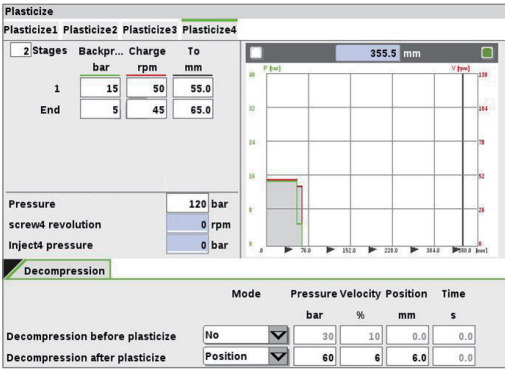
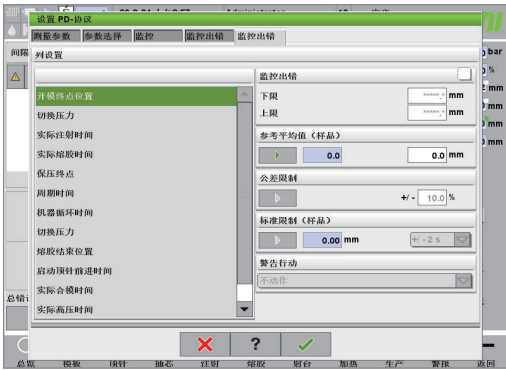
- Dual CPU control, 1ms scanning cycle and high reliability to ensure that the operation time of each injection unit is limited to 1ms.
- Synchronous communication technology and servo closed-loop positioning technology to achieve more accurate turntable positioning.
- The latest generation of PID closed-loop temperature control technology can obtain more accurate temperature control.
- USB port with storage extension can be served as mold data memory, easy and convenient.
- Memory functions of alarming and process parameter changing.
- Curve recording function for process data changes.
- Process Deviation Procedure (PDP) and Statistical Process Control (SPC).

- Multi-level user access management and data protection ensure data security.
- Real-time remote control and operation.
- Online multi-language, easy for language switching.
- Fast input of icons and virtual keys.
- Quick set of screen and easy set of process parameter.
- Expandable I/O modules to integrate more functions such as built-in hot runner control and sequence valve function.
- Communication ports for printers, auxiliaries and automation can be expanded to OPC/UA communication interfaces.

User-friendly design

- Using the ergonomic rotary cabinet of fool-proof design, clear, concise and beautiful interface ensures easy and convenient operation.

- ① Ergonomic rotary cabinet ▶
- ② Reserve plug for auxiliaries ▶

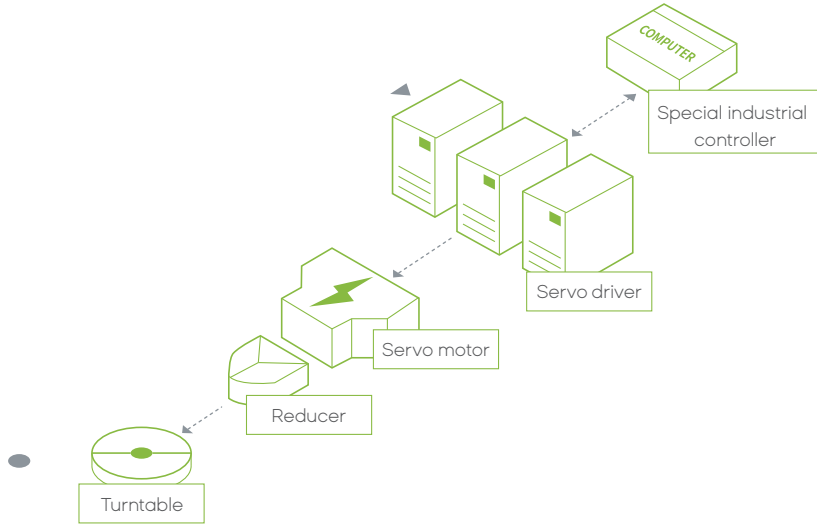


Special controller interface ▲

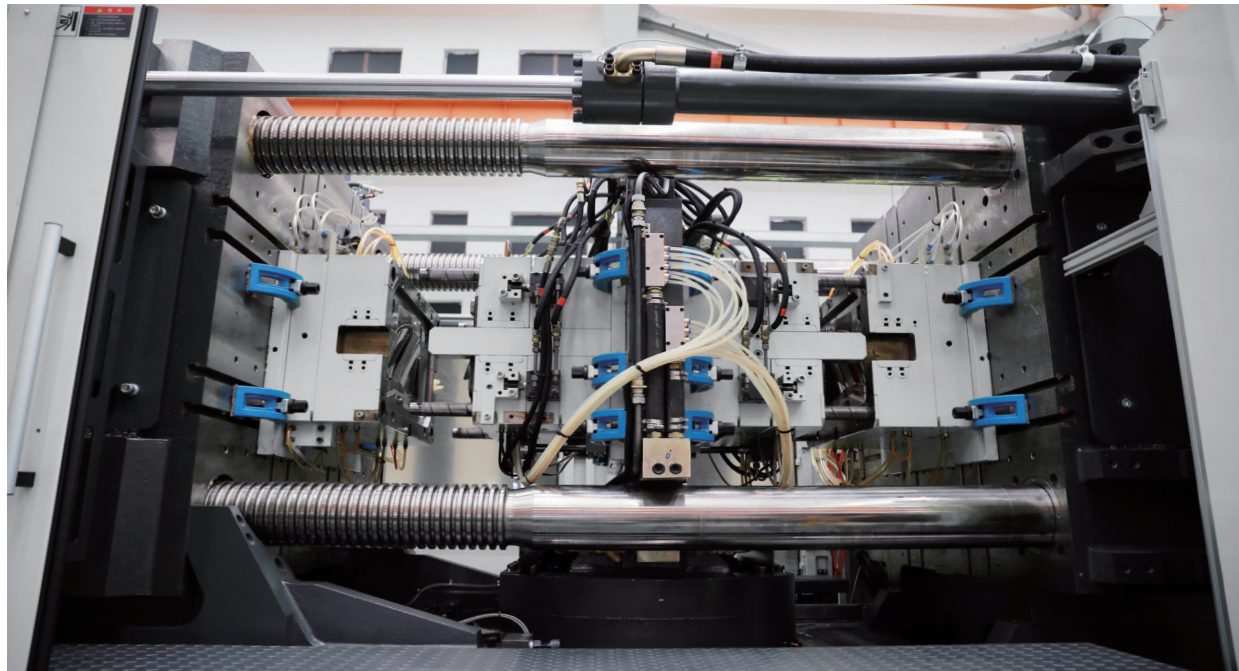
Servo control of turntable

The electric servo control system of the turntable includes industrial controller, servo driver, servo motor, reducer, high-resolution precision detector and turntable. The industrial controller releases the control signal to the servo driver for performing closed-loop positioning, leading smooth rotation and accurate positioning of turntable.

▼ Schematic diagram of servo control for turntable



Horizontal turntable two-way injection molding



Modular design, for easy combination.

Horizontal turntable is suitable for the molding of long or large two-color products. It can help machine largely reduce clamping force comparing with vertical turntable. Also horizontal turntable can cooperate with the third and the fourth injection units (W type, L type, V type, etc.) in multi-component molding, providing more cost-effective solution.

Technical advantages

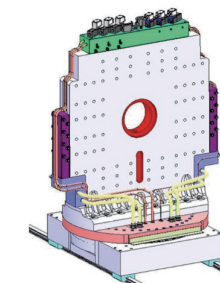
Compared with traditional stack molds

- Using two independently controlled injection units to better control injection volume
- High flexibility, two different molds can be used synchronously
- Reduce length of hot runner for lower cost
- Improved hot runner balance for faster debugging and startup
- Reduce dwell time of raw materials in the barrel
- Less raw material degradation and better quality control

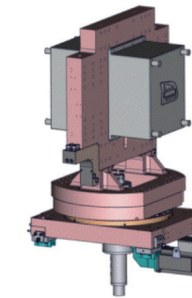
Compared with machine with vertical turntable

- More flexible, applicable to the production of large two-color parts
- With double cavities and output under the same tonnage, more economical
- Nearly half of the required machine tonnage under the same production capacity requirement, less power consumption and lower cost
- Provide innovative solutions such as cubic molds using the horizontal turntable

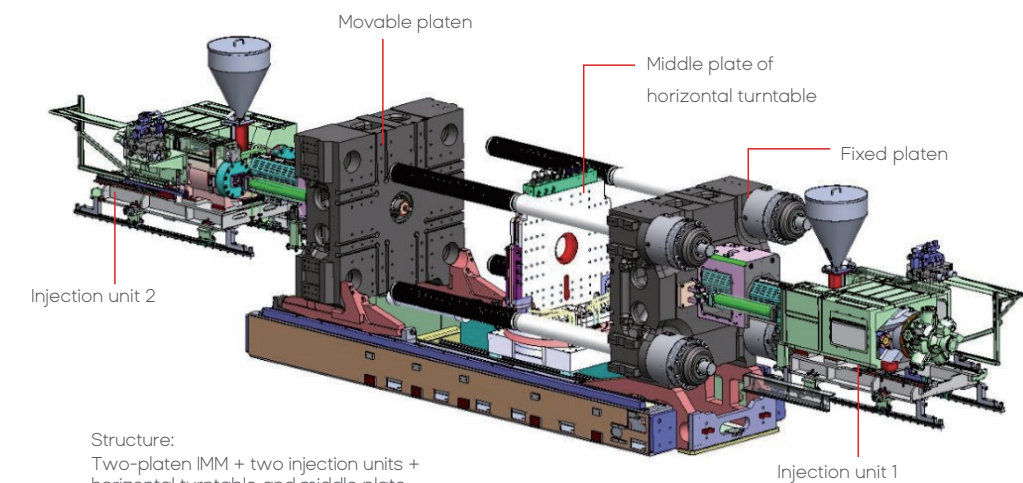
Middle plate of horizontal turntable



- Core
- Hydraulic ejector
- Electronic signal
- Cooling water
- Steam



■ Applied with German automatic flow distribution shaft system and double layer structure for oil-water separation, integrated management for oil, water and gas is achievable. Clock-wise rotation is also available by 90°, 180° or 360°, no tangling for pipeline.



Independent electric injection unit

Independent modular design

With modular design, it can be combined with hydraulic machine to be an oil-electric hybrid multi-component injection molding machine; or combined with all-electric machine to be an all-electric multi-component injection molding machine. Flexible combination like L type, W type and V type combination is available for wider application.

Note: Its specific structure is subject to the actual design. The base rotation function is optional.

Base rotation (Optional)

Base rotation can help offer more space for mold loading, unloading and maintenance; Secondary injection unit can also be combined with the main injection unit through base rotation by 180 degrees to achieve sandwich molding.

Clean and environmental friendly

All-electric control is cleaner than the hydraulic control, especially suitable for the clean production with lower energy consumption.

Servo control

High injection repeatability, fast response and more stable molding.

Flexible combination

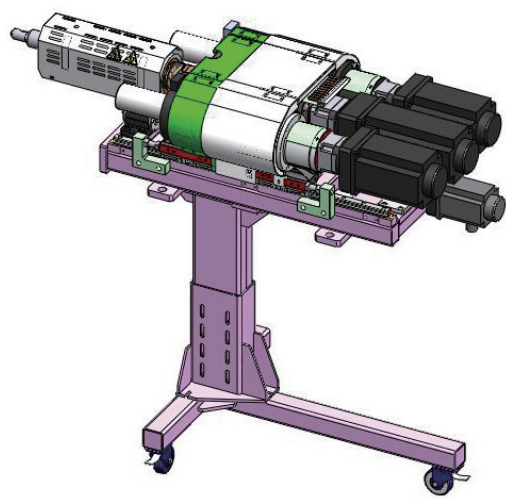
Can be combined as L type or V type injection unit, adaptable to different molds.

High compatibility

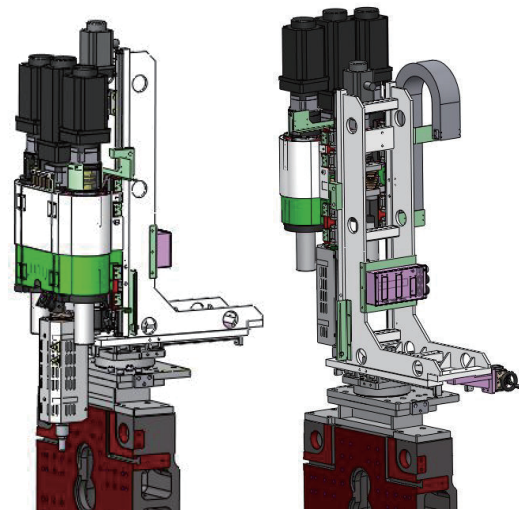
It can be compatible with different brands or different tonnages machine to achieve two-color or multi-color molding, low operating cost.

Compact design, easy to install and store

Using all-electric control for injection, plasticizing and injection carriage, compact structure and easy to install and store.



Independent L type electric injection unit



Independent V type electric injection unit

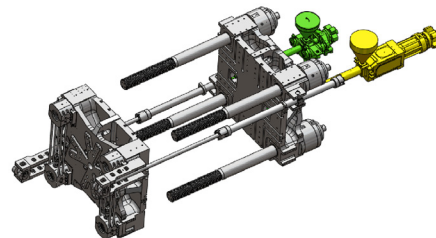
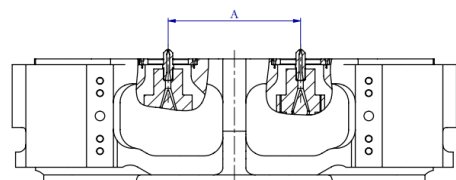
UN700D1M-tP Specification

[illegible]

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



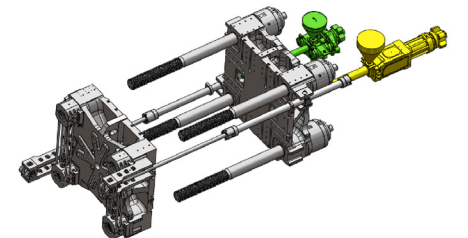
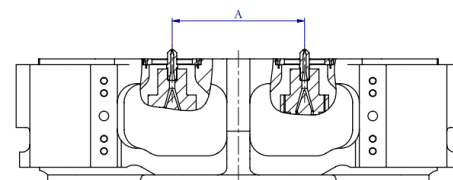
UN900D1M-tP Specification

[illegible]

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



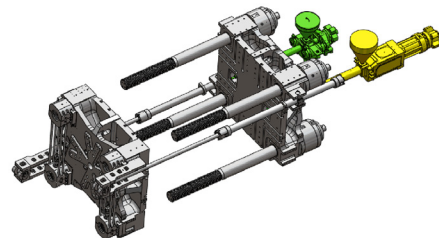
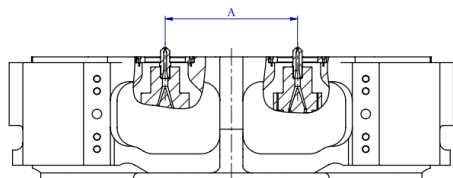
UN1100D1M-tP Specification

[illegible]

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



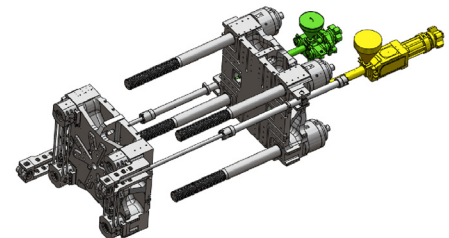
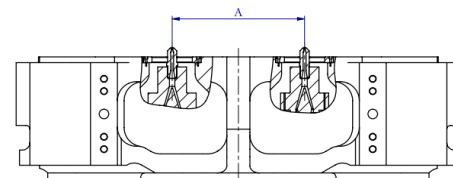
UN1200D1M-tP Specification

[illegible]

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



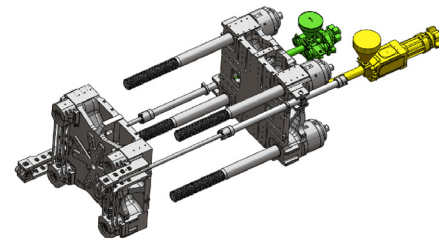
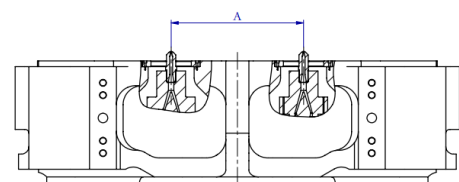
UN1300D1M-tP Specification

[illegible]

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



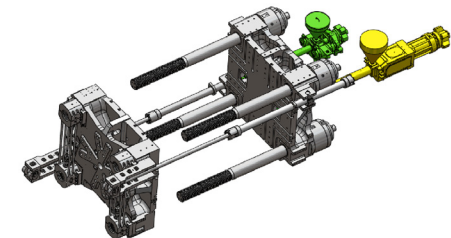
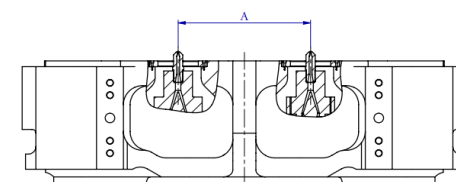
UN1400D1M-tP Specification

[illegible]

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.

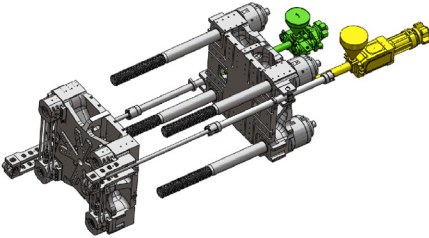
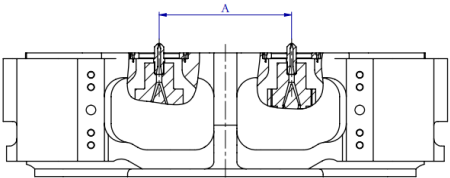
※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN1600D1M-tP Specification

ITEM	UNIT	INJECTION UNIT																	
International size	UNIT	IU1870			IU3100			IU3900			IU5000			IU7000			IU9200		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw diameter	mm	60	68	76	68	76	84	76	84	92	84	92	108	92	100	116	100	108	125
Shot volume	cm³	834	1071	1338	1380	1724	2106	1769	2161	2593	2271	2724	3754	3189	3768	5070	4318	5036	6746
Shot weight	g	767	986	1231	1270	1586	1937	1628	1988	2385	2089	2506	3454	2934	3467	4665	3972	4633	6206
Injection pressure	MPa	225	175	140	227	182	149	221	181	151	221	181	151	218	185	137	214	184	137
Screw L:D ratio	L/D	22.6	20	20	22.3	20	20	22.3	20	20	21.9	20	20	21.7	20	20	21.6	20	20
Injection rate	cm³/s	260	334	417	320	399	488	381	466	558	471	565	779	598	707	951	683	797	1068
Max.injection speed	mm/s	92			88			84			85			90			87		
Screw stroke	mm	295			380			390			410			480			550		
Max. screw speed	r/min	200			156			144			150			145			116		
Barrel heating zone (PCS)	PCS	5			6			6			6			7			7		
CLAMPING UNIT																			
Clamping force	kN	16000																	
Opening force	kN	1100																	
Space between tie bars	mm	1550×1450																	
Max.mold thickness (to turntable surface)	mm	1400																	
Min.mold thickness (to turntable surface)	mm	550																	
Opening stroke	mm	2600/1750																	
Max.daylight (to turntable surface)	mm	3150																	
Center hole distance of fixed platen	mm	650-800																	
Turntable diameter (independent type)	mm	2100																	
Ejection force	kN	150×2																	
Effective ejection stroke	mm	250																	
POWER UNIT																			
System pressure	MPa	17.5/30																	
Oil pump motor	kW	31			60			60			66 (two sets)			89 (two sets)			110 (two sets)		
Power for clamping	kW	60+60+11																	
Electric heating power	kW	14.4/16.8			26.4/30.9			33.1/36.2			37.14/47			47/56.6			51.76/60.9		
GENERAL																			
Machine dimensions (L×W×H)	m	12.1×3.7×3.5																	
Max. weight of mold (for turntable)	T	16			17			17			17			17			17		

- Remarks:
- Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
 - The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
 - When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
 - The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
 - The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
 - No prior notice for the specification change due to continuous improvement of technology.
 - Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.
- ※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN1850D1M-tP Specification

ITEM	UNIT	INJECTION UNIT														
International size	UNIT	IU3100			IU3900			IU5000			IU7000			IU9200		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw diameter	mm	68	76	84	76	84	92	84	92	108	92	100	116	100	108	125
Shot volume	cm³	1380	1724	2106	1769	2161	2593	2271	2724	3754	3189	3768	5070	4318	5036	6746
Shot weight	g	1270	1586	1937	1628	1988	2385	2089	2506	3454	2934	3467	4665	3972	4633	6206
Injection pressure	MPa	227	182	149	221	181	151	221	181	151	218	185	137	214	184	137
Screw L:D ratio	L/D	22.3	20	20	22.3	20	20	21.9	20	20	21.7	20	20	21.6	20	20
Injection rate	cm³/s	320	399	488	381	466	558	471	565	779	598	707	951	683	797	1068
Max.injection speed	mm/s	88			84			85			90			87		
Screw stroke	mm	380			390			410			480			550		
Max. screw speed	r/min	156			144			150			145			116		
Barrel heating zone (PCS)	PCS	6			6			6			7			7		
CLAMPING UNIT																
Clamping force	kN	18500														
Opening force	kN	1230														
Space between tie bars	mm	1650×1550														
Max.mold thickness (to turntable surface)	mm	1450														
Min.mold thickness (to turntable surface)	mm	600														
Opening stroke	mm	2600/1750														
Max.daylight (to turntable surface)	mm	3200														
Center hole distance of fixed platen	mm	650-850														
Turntable diameter (independent type)	mm	2250														
Ejection force	kN	150×2														
Effective ejection stroke	mm	250														
POWER UNIT																
System pressure	MPa	17.5/30														
Oil pump motor	kW	60			60			66 (two sets)			89 (two sets)			110 (two sets)		
Power for clamping	kW	60+60+11														
Electric heating power	kW	26.4/30.9			33.1/36.2			37.14/47			47/56.6			51.76/60.9		
GENERAL																
Machine dimensions (L×W×H)	m	12.4×3.9×3.5														
Max. weight of mold (for turntable)	T	21			21			21			21			21		

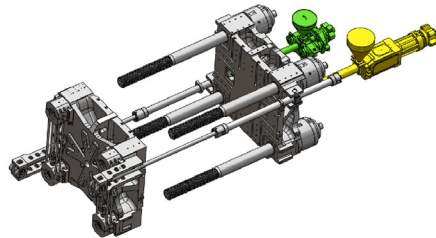
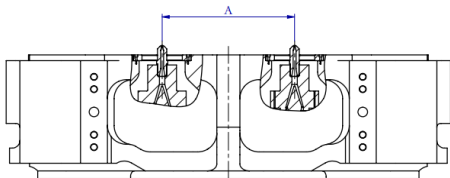
UN2100D1M-tP Specification

ITEM	UNIT	INJECTION UNIT														
International size	UNIT	IU3100			IU3900			IU5000			IU7000			IU9200		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw diameter	mm	68	76	84	76	84	92	84	92	108	92	100	116	100	108	125
Shot volume	cm³	1380	1724	2106	1769	2161	2593	2271	2724	3754	3189	3768	5070	4318	5036	6746
Shot weight	g	1270	1586	1937	1628	1988	2385	2089	2506	3454	2934	3467	4665	3972	4633	6206
Injection pressure	MPa	227	182	149	221	181	151	221	181	151	218	185	137	214	184	137
Screw L:D ratio	L/D	22.3	20	20	22.3	20	20	21.9	20	20	21.7	20	20	21.6	20	20
Injection rate	cm³/s	320	399	488	381	466	558	471	565	779	598	707	951	683	797	1068
Max.injection speed	mm/s	88			84			85			90			87		
Screw stroke	mm	380			390			410			480			550		
Max. screw speed	r/min	156			144			150			145			116		
Barrel heating zone (PCS)	PCS	6			6			6			7			7		
CLAMPING UNIT																
Clamping force	kN	21000														
Opening force	kN	1380														
Space between tie bars	mm	1800×1600														
Max.mold thickness (to turntable surface)	mm	1550														
Min.mold thickness (to turntable surface)	mm	650														
Opening stroke	mm	2700/1800														
Max.day/light (to turntable surface)	mm	3350														
Center hole distance of fixed platen	mm	650-910														
Turntable diameter (independent type)	mm	2400														
Ejection force	kN	150×2														
Effective ejection stroke	mm	250														
POWER UNIT																
System pressure	MPa	17.5/30														
Oil pump motor	kW	60			60			66 (two sets)			89 (two sets)			110 (two sets)		
Power for clamping	kW	60+66(two sets)+11														
Electric heating power	kW	26.4/30.9			33.1/36.2			37.14/47			47/56.6			51.76/60.9		
GENERAL																
Machine dimensions (L×W×H)	m	12.7×4.2×3.5														
Max. weight of mold (for turntable)	T	25			25			25			25			25		

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed plate is not determined.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



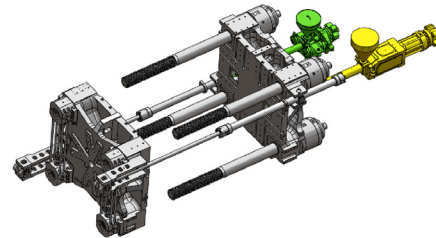
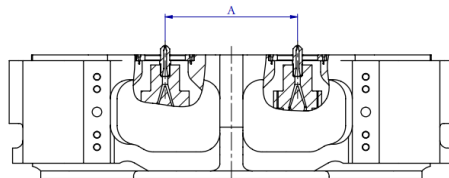
UN2400D1M-tP Specification

ITEM	UNIT	INJECTION UNIT																	
International size	UNIT	IU3100			IU3900			IU5000			IU7000			IU9200			IU13200		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Screw diameter	mm	68	76	84	76	84	92	84	92	108	92	100	116	100	108	125	116	125	135
Shot volume	cm³	1380	1724	2106	1769	2161	2593	2271	2724	3754	3189	3768	5070	4318	5036	6746	6341	7363	8588
Shot weight	g	1270	1586	1937	1628	1988	2385	2089	2506	3454	2934	3467	4665	3972	4633	6206	5834	6774	7901
Injection pressure	MPa	227	182	149	221	181	151	221	181	151	218	185	137	214	184	137	210	181	155
Screw L/D ratio	L/D	22.3	20	20	22.3	20	20	21.9	20	20	21.7	20	20	21.6	20	20	21.6	20	20
Injection rate	cm³/s	320	399	488	381	466	558	471	565	779	598	707	951	683	797	1068	903	1048	1222
Max.injection speed	mm/s	88			84			85			90			87			85.4		
Screw stroke	mm	380			390			410			480			550			600		
Max. screw speed	r/min	156			144			150			145			116			123		
Barrel heating zone (PCS)	PCS	6			6			6			7			7			7		
CLAMPING UNIT																			
Clamping force	kN	24000																	
Opening force	kN	1640																	
Space between tie bars	mm	1900×1700																	
Max.mold thickness (to turntable surface)	mm	1650																	
Min.mold thickness (to turntable surface)	mm	650																	
Opening stroke	mm	3000/2000																	
Max.day/light (to turntable surface)	mm	3650																	
Center hole distance of fixed platen	mm	650-950																	
Turntable diameter (independent type)	mm	2550																	
Ejection force	kN	150×2																	
Effective ejection stroke	mm	250																	
POWER UNIT																			
System pressure	MPa	17.5/30																	
Oil pump motor	kW	55.6			60			36+39.4			55.6+39.4			55.6+55.6			60+60+39.4		
Power for clamping	kW	60×3																	
Electric heating power	kW	26.4/30.9			33.1/36.2			37.14/47			47/56.6			51.76/60.9			66.37/70.63		
GENERAL																			
Machine dimensions (L×W×H)	m	13.3×4.3×3.8																	
Max. weight of mold (for turntable)	T	30			30			30			30			30			30		

Remarks:

1. Yellow injection unit (operating side) and green injection unit (non-operating side) can be combined arbitrarily, served as main and secondary injection unit separately for power supply.
2. The larger required power between the injection unit and the clamping unit shall be taken to provide power for injection and clamping.
3. When an injection unit has two kinds of power and it is used as the main injection unit, the larger power shall be taken.
4. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
5. The specification of injection unit is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
6. No prior notice for the specification change due to continuous improvement of technology.
7. Due to the different size of selected injection unit, please confirm with the technician when the maximum center hole distance of the fixed platen is not determined.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



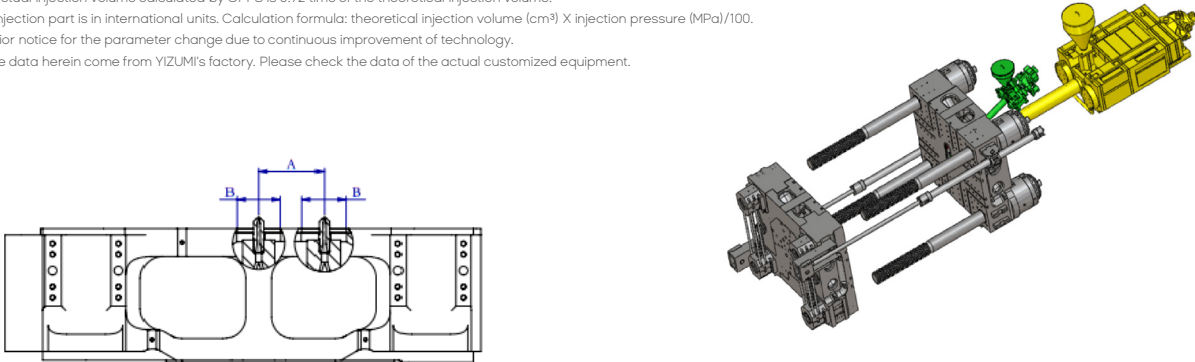
UN500D1M-tW Specification

ITEM	UNIT	INJECTION UNIT																															
		Combination 1						Combination 2						Combination 3						Combination 4						Combination 5							
International size	UNIT	IU190			IU895			IU295			IU1269			IU604			IU1885			IU1269			IU2695			IU3330			IU4800				
		A	B	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D		
Screw diameter	mm	22	26	48	53	60	30	35	40	53	60	68	43	48	53	60	68	76	53	60	68	68	76	84	76	84	92	84	92	100	108		
Shot volume	cm³	51	72	425	518	664	117	159	207	585	749	962	298	371	452	834	1071	1338	585	749	962	1198	1497	829	678	2050	2460	2217	2659	3142	3664		
Shot weight	g	47	66	391	477	611	107	146	190	538	689	885	274	341	416	767	986	1231	538	689	885	1103	1377	683	544	1886	2263	2039	2446	2890	3371		
Injection pressure	MPa	373	267	211	173	135	253	186	142	217	169	132	203	163	134	226	176	141	217	169	132	225	180	147	199	162	136	218	181	154	134		
Screw L:D ratio	L/D	20	20	22	20	20	24	20	20	22.6	20	20	22.3	20	20	22.6	20	20	22.6	20	20	22.3	20	20	22.1	20	20	21.9	20	20	20		
Injection rate	cm³/s	47	65	164	199	255	76	103	134	174	223	287	136	169	207	322	414	517	174	223	287	383	478	584	430	526	632	516	619	730	853		
Max.injection speed	mm/s	123		90.4			107			79			93.7			114			79			105			95			94					
Screw stroke	mm	135		235			165			265			205			295			265			330			370			400					
Max.screw speed	r/min	230		196			219			162			235			250			162			184			147			154					
Barrel heating zone (PCS)	PCS	4		5			4			5			4			5			5			6			6			6					
CLAMPING UNIT																																	
Clamping force	kN	5000																															
Opening force (Movable platen)	kN	390																															
Space between tie bars (D,H*V)	mm	910×830																															
Max. mold thickness (to the turntable surface)	mm	750																															
Min. mold thickness (to the turntable surface)	mm	200																															
Opening stroke of movable platen (OP)Min-Max	mm	1300/750																															
Max.daylight (fixed platen to the turntable surface)	mm	1500																															
Center distance A of mold mounting hole	mm	300																															
Turntable diameter	mm	1150																															
Ejection force	kN	110																															
Effective ejection stroke	mm	100																															
POWER UNIT																																	
System pressure	MPa	17.5/25																															
Oil pump motor	kW	39.4+16.4+7.5						39.4+16.4+7.5						60+28.7+7.5						60+28.7+7.5						60×2+16.4							
GENERAL																																	
Machine dimensions (L×W×H)	m	7.8×2.7×2.6						7.8×2.7×2.6						8.7×2.4×2.6						8.7×2.4×2.6						9.4×3.3×2.9							
Max.weight of mold (for turntable)	T	4						4						4						4						4							

Remarks:

1. The specification of mold opening force is available for the mold opening under high pressure.
2. The specification of mold opening stroke is available for minimum and maximum mold thickness.
3. The actual injection volume calculated by GPFS is 0.92 time of the theoretical injection volume.
4. The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
5. No prior notice for the parameter change due to continuous improvement of technology.

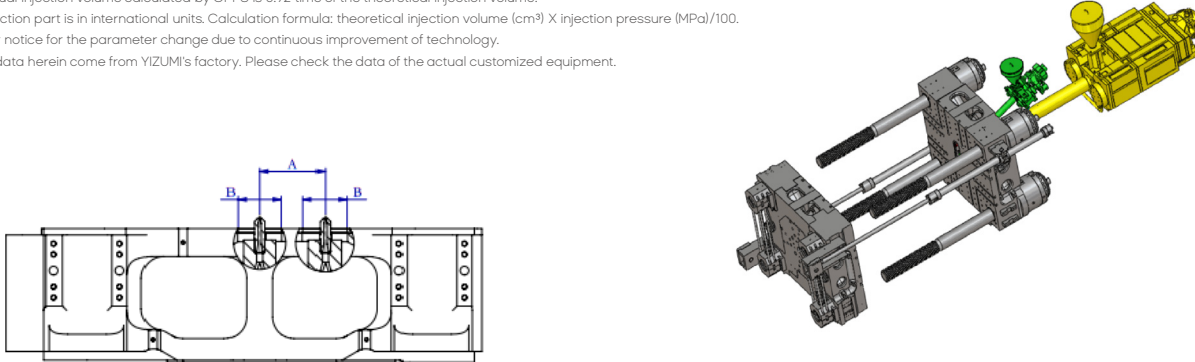
※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN700D1M-tW Specification

ITEM	UNIT	INJECTION UNIT																									
		Combination 1						Combination 2						Combination 3						Combination 4							
International size	UNIT	IU1269			IU2695			IU1885			IU3330			IU2695			IU4800			IU1269			IU6800				
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D	A	B	C	A	B	C	D
Screw diameter	mm	53	60	68	68	76	84	60	68	76	76	84	92	68	76	84	84	92	100	108	53	60	68	92	100	108	116
Shot volume	cm³	584	749	962	1198	1497	1829	834	1071	1338	1678	2050	2460	1198	1497	1829	2217	2659	3142	3664	585	749	962	3191	3770	4397	5070
Shot weight	g	538	689	885	1103	1377	1683	767	986	1231	1544	1886	2263	1103	1377	1683	2039	2446	2890	3371	538	689	885	2936	3468	4045	4667
Injection pressure	MPa	217	169	132	225	180	147	226	176	141	199	162	136	225	180	147	218	181	154	134	217	169	132	213	180	154	134
Screw L:D ratio	L/D	22.6	20	20	22.3	20	20	22.6	20	20	22.1	20	20	22.3	20	20	21.9	20	20	20	22.6	20	20	21.7	22	21.5	20
Injection rate	cm³/s	174	223	287	383	478	584	322	414	517	430	526	632	383	478	584	516	619	730	853	174	223	287	615	726	847	980
Max.injection speed	mm/s	79			105			114			95			105			94			79			93				
Screw stroke	mm	265			330			295			370			330			400			265			480				
Max.screw speed	r/min	162			184			250			147			184			154			162			145				
Barrel heating zone (PCS)	PCS	5			6			5			6			6			6			5			7				
CLAMPING UNIT																											
Clamping force	kN	7000																									
Opening force (Movable platen)	kN	500																									
Space between tie bars (D*H*V)	mm	1100×960																									
Max. mold thickness (to the turntable surface)	mm	800																									
Min. mold thickness (to the turntable surface)	mm	300																									
Opening stroke of movable platen (OP)Min-Max	mm	1450/950																									
Max.daylight (fixed platen to the turntable surface)	mm	1750																									
Center distance A of mold mounting hole	mm	300																									
Turntable diameter	mm	1400																									
Ejection force	kN	110																									
Effective ejection stroke	mm	100																									
POWER UNIT																											
System pressure	MPa	17.5/30																									
Oil pump motor	kW	60+28.7+7.5						60×2+7.5						60×2+16.4						60+28.7×2							
GENERAL																											
Machine dimensions (L×W×H)	m	9.1×2.7×2.7						9.1×3.3×2.9						9.1×3.3×2.9						9.8×3.3×2.9							
Max.weight of mold (for turntable)	T	5.6						5.6						5.6						5.6							

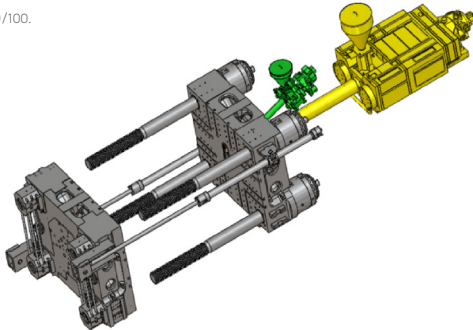
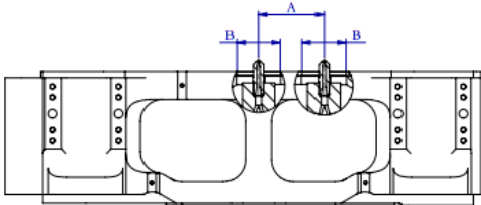
- ① The specification of mold opening force is available for the mold opening under high pressure.
- ② The specification of mold opening stroke is available for minimum and maximum mold thickness.
- ③ The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
- ④ The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
- ⑤ No prior notice for the parameter change due to continuous improvement of technology.
- ※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN900D1M-tW Specification

ITEM	UNIT	INJECTION UNIT																															
		Combination 1								Combination 2								Combination 3								Combination 4							
International size	UNIT	IU2695				IU4800				IU3330				IU4800				IU1269				IU6800				IU1885				IU9000			
		A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	A	B	C	D				
Screw diameter	mm	68	76	84	84	92	100	108	76	84	92	84	92	100	108	53	60	68	92	100	108	116	60	68	76	100	108	116	125				
Shot volume	cm³	1198	1497	1829	2217	2659	3142	3664	1678	2050	2460	2217	2659	3142	3664	585	749	962	3191	3770	4397	5073	834	1071	1338	4320	5038	5813	6748				
Shot weight	g	1103	1377	1683	2039	2446	2890	3371	1544	1886	2263	2039	2446	2890	3371	538	689	885	2936	3468	4045	4667	767	986	1231	3974	4636	5348	6208				
Injection pressure	MPa	225	180	147	218	181	154	134	199	162	136	218	181	154	134	217	169	132	213	180	154	134	226	176	141	209	179	155	134				
Screw L:D ratio	L/D	22.3	20	20	21.9	20	20	20	22.1	20	20	21.9	20	20	20	22.6	20	20	21.7	22	21.5	20	22.6	20	20	21.6	20	21.6	20				
Injection rate	cm³/s	383	478	584	516	619	730	853	430	526	632	516	619	730	853	174	223	287	615	726	847	980	322	414	517	766	894	1031	1197				
Max.injection speed	mm/s	105				94				95				94				79				93				114				98			
Screw stroke	mm	330				400				370				400				265				480				295				550			
Max.screw speed	r/min	184				154				147				154				162				145				250				128			
Barrel heating zone (PCS)	PCS	6				6				6				6				5				7				5				7			
CLAMPING UNIT																																	
Clamping force	kN	9000																															
Opening force (Movable platen)	kN	640																															
Space between tie bars (DH*V)	mm	1180×1000																															
Max. mold thickness (to the turntable surface)	mm	950																															
Min. mold thickness (to the turntable surface)	mm	350																															
Opening stroke of movable platen (OP)Min-Max	mm	1650/1050																															
Max.daylight (fixed platen to the turntable surface)	mm	2000																															
Center distance A of mold mounting hole	mm	300																															
Turntable diameter	mm	1500																															
Ejection force	kN	150×2																															
Effective ejection stroke	mm	170																															
POWER UNIT																																	
System pressure	MPa	17.5/30																															
Oil pump motor	kW	60×2+16.4								60×2+16.4								60+28.7×2								60×3							
GENERAL																																	
Machine dimensions (L×W×H)	m	10.3×3.3×2.9								10.3×3.3×2.9								10.4×3.3×2.9								11.4×3.6×3.4							
Max.weight of mold (for turntable)	T	6.7								6.7								6.7								6.7							

- Remarks:
1. The specification of mold opening force is available for the mold opening under high pressure.
 2. The specification of mold opening stroke is available for minimum and maximum mold thickness.
 3. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
 4. The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
 5. No prior notice for the parameter change due to continuous improvement of technology.
- ※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



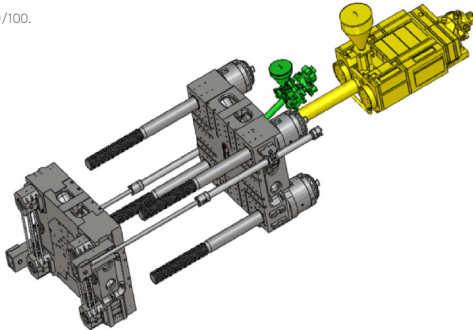
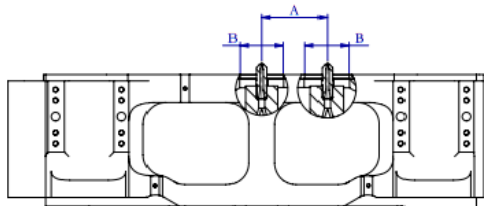
UN1100D1M-tW Specification

ITEM	UNIT	INJECTION UNIT																															
		Combination 1								Combination 2								Combination 3								Combination 4							
International size	UNIT	IU2695				IU4800				IU1269				IU6800				IU1885				IU9000				IU3330				IU10900			
		A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	A	B	C	D				
Screw diameter	mm	68	76	84	84	92	100	108	53	60	68	92	100	108	116	60	68	76	100	108	116	125	76	84	92	108	116	125	135				
Shot volume	cm³	1198	1497	1829	2217	2659	3142	3664	585	749	962	3191	3770	4397	5073	834	1071	1338	4320	5038	5813	6748	1678	2050	2460	5222	6024	6995	8159				
Shot weight	g	1103	1377	1683	2039	2446	2890	3371	538	689	885	2936	3468	4045	4667	767	986	1231	3974	4636	5348	6208	1544	1886	2263	4804	5542	6435	7506				
Injection pressure	MPa	225	180	147	218	181	154	134	217	169	132	213	180	154	134	226	176	141	209	179	155	134	199	162	136	210	182	157	135				
Screw L:D ratio	L/D	22.3	20	20	21.9	20	20	20	22.6	20	20	21.7	22	21.5	20	22.6	20	20	21.6	20	21.6	20	22.1	20	20	22	22	21.6	20				
Injection rate	cm³/s	383	478	584	516	619	730	853	174	223	287	615	726	847	980	322	414	517	766	894	1031	1197	430	526	632	823	950	1092	1287				
Max.injection speed	mm/s	105				94				79				93				114				98				95				89			
Screw stroke	mm	330				400				265				480				295				550				370				570			
Max.screw speed	r/min	184				154				162				145				250				128				147				112			
Barrel heating zone (PCS)	PCS	6				6				5				7				5				7				6				8			
CLAMPING UNIT																																	
Clamping force	kN	11000																															
Opening force (Movable platen)	kN	760																															
Space between tie bars (DH*V)	mm	1270×1100																															
Max. mold thickness (to the turntable surface)	mm	1050																															
Min. mold thickness (to the turntable surface)	mm	450																															
Opening stroke of movable platen (OP)Min-Max	mm	1800/1200																															
Max.daylight (fixed platen to the turntable surface)	mm	2250																															
Center distance A of mold mounting hole	mm	300																															
Turntable diameter	mm	1650																															
Ejection force	kN	150×2																															
Effective ejection stroke	mm	250																															
POWER UNIT																																	
System pressure	MPa	17.5/30																															
Oil pump motor	kW	60×2+16.4								60+28.7×2								60×3								60×3+28.7							
GENERAL																																	
Machine dimensions (L×W×H)	m	10.8×3.4×3.0								10.8×3.4×3.0								11.8×3.4×3.0								12.5×3.8×3.6							
Max.weight of mold (for turntable)	T	8								8								8								8							

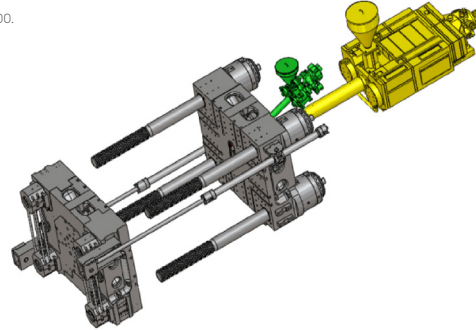
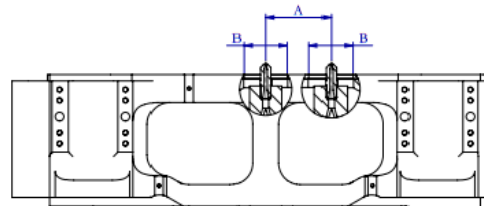
Remarks:

1. The specification of mold opening force is available for the mold opening under high pressure.
2. The specification of mold opening stroke is available for minimum and maximum mold thickness.
3. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
4. The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
5. No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



ITEM	UNIT	INJECTION UNIT																															
		Combination 1								Combination 2								Combination 3								Combination 4							
International size	UNIT	IU1269				IU6800				IU1885				IU9000				IU3330				IU10900				IU4800				IU14500			
		A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	D	A	B	C				
Screw diameter	mm	53	60	68	92	100	108	116	60	68	76	100	108	116	125	76	84	92	108	116	125	135	84	92	100	108	125	135	145				
Shot volume	cm³	585	749	962	3191	3770	4397	5073	834	1071	1338	4320	5038	5813	6748	1678	2050	2460	5222	6024	6995	8159	2217	2659	3142	3664	7977	9304	10723				
Shot weight	g	538	689	885	2936	3468	4045	4667	767	986	1231	3974	4636	5348	6208	1544	1886	2263	4804	5542	6435	7506	2039	2446	2890	3371	7226	8428	9723				
Injection pressure	MPa	217	169	132	213	180	154	134	226	176	141	209	179	155	134	199	162	136	210	182	157	135	218	181	154	134	181	156	135				
Screw L:D ratio	L/D	22.6	20	20	21.7	22	21.5	20	22.6	20	20	21.6	20	21.6	20	22.1	20	20	22	22	21.6	20	21.9	20	20	20	23.6	22	20				
Injection rate	cm³/s	174	223	287	615	726	847	980	322	414	517	766	894	1031	1197	430	526	632	823	950	1092	1287	516	619	730	853	1316	1536	1772				
Max.injection speed	mm/s	79			93				114				98				95				89				94				107				
Screw stroke	mm	265			480				295				550				370				570				400				650				
Max.screw speed	r/min	162			145				250				128				147				112				154				120				
Barrel heating zone (PCS)	PCS	5			7				5				7				6				8				6				8				
CLAMPING UNIT																																	
Clamping force	kN	13000																															
Opening force (Movable platen)	kN	875																															
Space between tie bars (D*H*V)	mm	1390×1280																															
Max. mold thickness (to the turntable surface)	mm	1200																															
Min. mold thickness (to the turntable surface)	mm	500																															
Opening stroke of movable platen (OP)Min-Max	mm	2200/1500																															
Max.daylight (fixed platen to the turntable surface)	mm	2700																															
Center distance A of mold mounting hole	mm	300																															
Turntable diameter	mm	1850																															
Ejection force	kN	150×2																															
Effective ejection stroke	mm	250																															
POWER UNIT																																	
System pressure	MPa	17.5/25				17.5/25				17.5/30				17.5/25				17.5/25															
Oil pump motor	kW	60×2+16.4								60+28.7×2								60×3								60×3+28.7							
GENERAL																																	
Machine dimensions (L×W×H)	m	11.4×3.4×3.0								11.4×3.4×3.0								12.4×3.4×3.0								13.1×3.8×3.6							
Max.weight of mold (for turntable)	T	12								12								12								12							



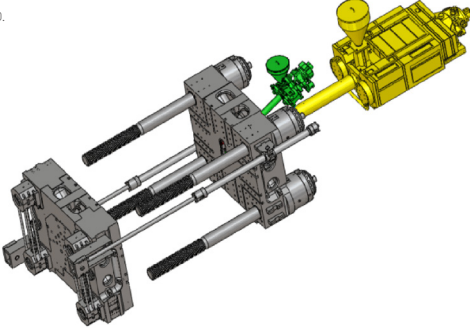
UN1600D1M-tW Specification

ITEM	UNIT	INJECTION UNIT																															
		Combination 1								Combination 2								Combination 3								Combination 4							
International size	UNIT	IU1885				IU9000				IU3330				IU10900				IU4800				IU14500				IU1885				IU18500			
		A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	A	B	C	D			
Screw diameter	mm	60	68	76	100	108	116	125	76	84	92	108	116	125	135	84	92	100	108	125	135	145	60	68	76	135	145	155	165				
Shot volume	cm³	834	1071	1338	4320	5038	5813	6748	1678	2050	2460	5222	6024	6995	8159	2217	2659	3142	3664	7977	9304	9304	834	1071	1338	10020	11559	13208	14968				
Shot weight	g	767	986	1231	3974	4636	5348	6208	1544	1886	2263	4804	5542	6435	7506	2039	2446	2890	3371	7226	8428	8428	767	986	1231	9218	10634	12152	13770				
Injection pressure	MPa	226	176	141	209	179	155	134	199	162	136	210	182	157	135	218	181	154	134	181	156	135	226	176	141	184	160	140	123				
Screw L:D ratio	L/D	22.6	20	20	21.6	20	21.6	20	22.1	20	20	22	22	21.6	20	21.9	20	20	20	23.6	22	20	22.6	20	20	23.6	22	22	20				
Injection rate	cm³/s	322	414	517	766	894	1031	1197	430	526	632	823	950	1092	1287	516	619	730	853	1316	1536	1536	322	414	517	1295	1494	1717	1936				
Max.injection speed	mm/s	114				98				95				89				94				107				114				91			
Screw stroke	mm	295				550				370				570				400				650				295				700			
Max.screw speed	r/min	250				128				147				112				154				120				250				120			
Barrel heating zone (PCS)	PCS	5				7				6				8				6				8				5				8			
CLAMPING UNIT																																	
Clamping force	kN	16000																															
Opening force (Movable platen)	kN	1100																															
Space between tie bars (D/H*V)	mm	1550×1450																															
Max. mold thickness (to the turntable surface)	mm	1400																															
Min. mold thickness (to the turntable surface)	mm	550																															
Opening stroke of movable platen (OP)/Min-Max	mm	2600/1750																															
Max.daylight (fixed platen to the turntable surface)	mm	3150																															
Center distance A of mold mounting hole	mm	300																															
Turntable diameter	mm	2100																															
Ejection force	kN	150×2																															
Effective ejection stroke	mm	250																															
POWER UNIT																																	
System pressure	MPa	17.5/30																															
Oil pump motor	kW	60×3								60×3+28.7								89+66×2								89+66×2							
GENERAL																																	
Machine dimensions (L×W×H)	m	12.3×3.8×3.5								13.3×3.8×3.5								13.9×3.8×3.5								14.2×3.8×3.5							
Max.weight of mold (for turntable)	T	17								17								17								17							

Remarks:

1. The specification of mold opening force is available for the mold opening under high pressure.
2. The specification of mold opening stroke is available for minimum and maximum mold thickness.
3. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
4. The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
5. No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN1850D1M-tW Specification

ITEM	UNIT	INJECTION UNIT																INJECTION UNIT															
		Combination 1							Combination 2							Combination 3							Combination 4										
International size	UNIT	IU1885			IU9000				IU3330			IU10900				IU4800				IU14500			IU1885			IU18500							
		A	B	C	A	B	C	D	A	B	C	A	B	C	D	A	B	C	D	A	B	C	A	B	C	A	B	C	D				
Screw diameter	mm	60	68	76	100	108	116	125	76	84	92	108	116	125	135	84	92	100	108	125	135	145	60	68	76	135	145	155	165				
Shot volume	cm³	834	1071	1338	4320	5038	5813	6748	1678	2050	2460	5222	6024	6995	8159	2217	2659	3142	3664	7977	9304	10733	834	1071	1338	10020	11559	13208	14968				
Shot weight	g	767	986	1231	3974	4636	5348	6208	1544	1886	2263	4804	5542	6435	7506	2039	2446	2890	3371	7226	8428	9723	767	986	1231	9218	10634	12152	13770				
Injection pressure	MPa	226	176	141	209	179	155	134	199	162	136	210	182	157	135	218	181	154	134	181	156	135	226	176	141	184	160	140	123				
Screw L:D ratio	L/D	22.6	20	20	21.6	20	21.6	20	22.1	20	20	22	22	21.6	20	21.9	20	20	20	23.6	22	20	22.6	20	20	23.6	22	22	20				
Injection rate	cm³/s	322	414	517	766	894	1031	1197	430	526	632	823	950	1092	1287	516	619	730	853	1316	1536	1772	322	414	517	1295	1494	1717	1936				
Max.injection speed	mm/s	114			98				95			89				94				107			114			91							
Screw stroke	mm	295			550				370			570				400				650			295			700							
Max.screw speed	r/min	250			128				147			112				154				120			250			120							
Barrel heating zone (PCS)	PCS	5			7				6			8				6				8			5			8							
CLAMPING UNIT																																	
Clamping force	kN	18500																															
Opening force (Movable platen)	kN	1230																															
Space between tie bars (D H*V)	mm	1650×1550																															
Max. mold thickness (to the turntable surface)	mm	1450																															
Min. mold thickness (to the turntable surface)	mm	600																															
Opening stroke of movable platen (OP) Min-Max	mm	2600/1750																															
Max.daylight (fixed platen to the turntable surface)	mm	3200																															
Center distance A of mold mounting hole	mm	300																															
Turntable diameter	mm	2250																															
Ejection force	kN	150×2																															
Effective ejection stroke	mm	250																															
POWER UNIT																																	
System pressure	MPa	17.5/30																															
Oil pump motor	kW	60×3								60×3+28.7								89+66×2								89+66×2							
GENERAL																																	
Machine dimensions (L×W×H)	m	12.6×3.8×3.5								13.6×3.8×3.5								14.2×3.8×3.5								14.5×3.8×3.5							
Max.weight of mold (for turntable)	T	21								21								21								21							

Remarks:

1. The specification of mold opening force is available for the mold opening under high pressure.

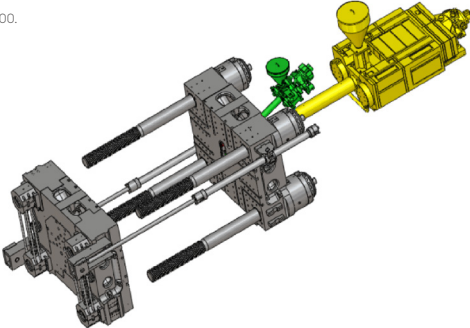
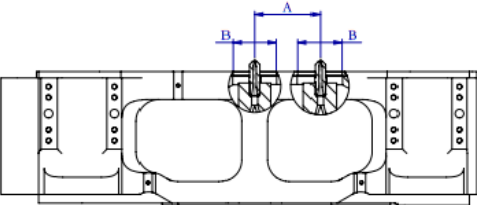
2. The specification of mold opening stroke is available for minimum and maximum mold thickness.

3. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.

4. The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.

5. No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN2100D1M-tW Specification

ITEM	UNIT	INJECTION UNIT														INJECTION UNIT																															
		Combination 1							Combination 2							Combination 3							Combination 4						Combination 5																		
International size	UNIT	IU3330			IU10900				IU4800				IU14500			IU1885				IU18500			IU2695			IU23750			IU3330			IU37500															
		A	B	C	A	B	C	D	A	B	C	D	A	B	C	A	B	C	D	A	B	C	D	A	B	C	A	B	C	A																	
Screw diameter	mm	76	84	92	108	116	125	135	84	92	100	108	125	135	145	60	68	76	135	145	155	165	68	76	84	145	155	165	76	84	92	185															
Shot volume	cm³	1678	2050	2460	5222	6024	6995	8159	2217	2659	3142	3664	7977	9304	10733	834	1071	1338	10020	11559	13208	14968	1198	1497	1829	12385	14152	16037	1678	2050	2460	26343															
Shot weight	g	1544	1886	2263	4804	5542	6435	7506	2039	2446	2890	3371	7226	8428	9723	767	986	1231	9218	10634	12152	13770	1103	1377	1683	11394	13020	14756	1544	1886	2263	24235															
Injection pressure	MPa	199	162	136	210	182	157	135	218	181	154	134	181	156	135	226	176	141	184	160	140	123	225	180	147	190	167	147	199	162	136	151															
Screw L:D ratio	L/D	22.1	20	20	22	22	21.6	20	21.9	20	20	20	23.6	22	20	22.6	20	20	23.6	22	22	20	22.3	20	20	23.5	22	20.1	22.1	20	20	22															
Injection rate	cm³/s	430	526	632	823	950	1092	1287	516	619	730	853	1316	1536	1772	322	414	517	1295	1494	1717	1936	383	478	584	1532	1750	1983	430	526	632	1934															
Max.injection speed	mm/s	95			89				94				107			114				91			105			93			95			72															
Screw stroke	mm	370			570				400				650			295				700			330			750			370			980															
Max.screw speed	r/min	147			112				154				120			250				120			184			120			147			80															
Barrel heating zone (PCS)	PCS	6			8				6				8			5				8			6			10			6			11															
CLAMPING UNIT																																CLAMPING UNIT															
Clamping force	kN	21000																21000																													
Opening force (Movable platen)	kN	1380																1380																													
Space between tie bars (D.H*V)	mm	1800×1600																1800×1600																													
Max. mold thickness (to the turntable surface)	mm	1550																1550																													
Min. mold thickness (to the turntable surface)	mm	650																650																													
Opening stroke of movable platen (OP)Min-Max	mm	2700/1800																2700/1800																													
Max.daylight (fixed platen to the turntable surface)	mm	3350																3350																													
Center distance A of mold mounting hole	mm	300																300																													
Turntable diameter	mm	2400																2400																													
Ejection force	kN	150×2																150×2																													
Effective ejection stroke	mm	250																250																													
POWER UNIT																																POWER UNIT															
System pressure	MPa	17.5/30																17.5/30																													
Oil pump motor	kW	60×3+28.7								60×3+28.7								89+66×2								110×2+66								110×2+66×2													
GENERAL																																GENERAL															
Overall dimensions (L×W×H)	m	12.9×4.4×3.8								13.9×4.4×3.8								14.5×4.4×3.8								14.8×4.4×3.9								17×4.8×4.1													
Max.weight of mold (for turntable)	T	25								25								25								25								25													

Remarks:

1. The specification of mold opening force is available for the mold opening under high pressure.

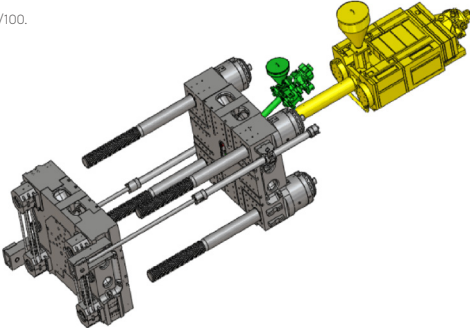
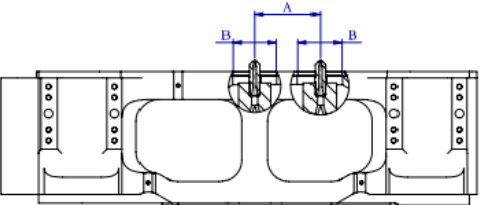
2. The specification of mold opening stroke is available for minimum and maximum mold thickness.

3. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.

4. The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.

5. No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



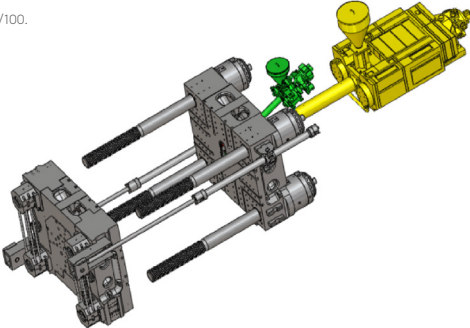
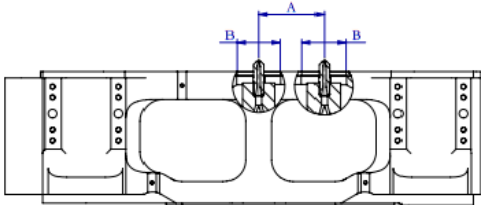
UN2400D1M-tW Specification

ITEM	UNIT	INJECTION UNIT															INJECTION UNIT																			
		Combination 1							Combination 2							Combination 3						Combination 4				Combination 5										
International size	UNIT	IU4800				IU14500			IU1885			IU18500				IU2695			IU23750			IU3330			IU37500	IU4800				IU50000						
		A	B	C	D	A	B	C	A	B	C	A	B	C	D	A	B	C	A	B	C	A	B	C	D	A	B	C	D	A						
Screw diameter	mm	84	92	100	108	125	135	145	60	68	76	135	145	155	165	68	76	84	145	155	165	76	84	92	185	84	92	100	108	200						
Shot volume	cm³	2217	2659	3142	3664	7977	9304	10733	834	1071	1338	10020	11559	13208	14968	1198	1497	1829	12385	14152	16037	1678	2050	2460	26343	2217	2659	3142	3664	35186						
Shot weight	g	2039	2446	2890	3371	7226	8428	9723	767	986	1231	9218	10634	12152	13770	1103	1377	1683	11394	13020	14756	1544	1886	2263	24235	2039	2446	2890	3371	32371						
Injection pressure	MPa	218	181	154	134	181	156	135	226	176	141	184.3	159.8	140	123	225	180	147	190	167	147	199	162	136	151	218	181	154	134	158						
Screw L:D ratio	L/D	21.9	20	20	20	23.6	22	20	22.6	20	20	23.6	22	22	20	22.3	20	20	23.5	22	20.1	22.1	20	20	22	21.9	20	20	20	22						
Injection rate	cm³/s	516	619	730	853	1316	1536	1772	322	414	517	1295	1494	1717	1936	383	478	584	1532	1750	1983	430	526	632	1934	516	619	730	853	1843						
Max.injection speed	mm/s	94				107			114			91				105			93			95			71.9	94				58.7						
Screw stroke	mm	400				650			295			700				330			750			370			980	400				1120						
Max.screw speed	r/min	154				120			250			120				184			120			147			80	154				67						
Barrel heating zone (PCS)	PCS	6				8			5			8				6			10			6			11	6				9						
CLAMPING UNIT																																CLAMPING UNIT				
Clamping force	kN	24000															24000																			
Opening force (Movable platen)	kN	1640															1640																			
Space between tie bars (DH*V)	mm	1900×1700															1900×1700																			
Max. mold thickness (to the turntable surface)	mm	1650															1650																			
Min. mold thickness (to the turntable surface)	mm	650															650																			
Opening stroke of movable platen (OP)Min-Max	mm	3000/2000															3000/2000																			
Max.daylight (fixed platen to the turntable surface)	mm	3650															3650																			
Center distance A of mold mounting hole	mm	300															300																			
Turntable diameter	mm	2550															2550																			
Ejection force	kN	150×2															150×2																			
Effective ejection stroke	mm	250															250																			
POWER UNIT																																POWER UNIT				
System pressure	MPa	17.5/30															17.5/30																			
Oil pump motor	kW	60×3+28.7							60×3+28.7							110×2+66						110×2+66×2				110×3+66										
GENERAL																																GENERAL				
Overall dimensions (L×W×H)	m	13.2×4.8×4.0							14.2×4.8×4.0							15.2×4.4×3.9						17.3×4.8×4.1				17.3×4.8×4.1										
Max.weight of mold (for turntable)	T	30							30							30						30				30										

Remarks:

1. The specification of mold opening force is available for the mold opening under high pressure.
2. The specification of mold opening stroke is available for minimum and maximum mold thickness.
3. The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.
4. The injection part is in international units. Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.
5. No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN900DPM-hM Specification

ITEM	UNIT	INJECTION UNIT																																			
International size	UNIT	IU190		IU295			IU420			IU604			IU895			IU1269			IU1885			IU2695			IU3330			IU4800									
		A	B	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C							
Screw diameter	mm	22	26	30	35	40	35	43	48	43	48	53	48	53	60	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100							
Shot volume	cm³	51	72	117	159	207	164	247	308	298	371	452	425	518	664	585	749	962	834	1071	1338	1198	1497	1829	1678	2050	2460	2217	2659	3142							
Shot weight	g	47	66	107	146	190	151	227	283	274	341	416	391	477	611	538	689	885	767	986	1231	1103	1377	1683	1544	1886	2263	2039	2446	2890							
Injection pressure	MPa	373	267	253	186	142	257	170	137	203	163	134	211	173	135	217	169	132	226	176	141	225	180	147	199	162	136	218	181	154							
Screw L:D ratio	L/D	20	20	24	20	20	24	20	20	22.3	20	20	22	20	20	22.6	20	20	22.6	20	20	22.3	20	20	22.1	20	20	21.9	20	20							
Injection rate	cm³/s	47	65	76	103	134	90	136	170	136	169	207	164	199	255	174	223	287	322	414	517	383	478	584	430	526	632	467	560	662							
Max.injection speed	mm/s	123		107			94			93.7			90.4			79			114			105			95			89									
Screw stroke	mm	135		165			170			205			235			265			295			330			370			400									
Max. screw speed	r/min	230		219			228			235			196			162			250			184			147			154									
Barrel heating zone (PCS)	PCS	4		4			4			4			5			5			5			6			6			6									
		CLAMPING UNIT																								CLAMPING UNIT											
Clamping force	kN	9000																								9000											
Openning force of movable platen	kN	760																								760											
Openning force of middle plate	kN	148																								148											
Space between tie bars(DH*V)	mm	1180×1020																								1180×1020											
Max.mold thickness (to the turntable surface)	mm	2250																								2250											
Min.mold thickness (to the turntable surface)	mm	900																								900											
Opening stroke of movable platen (OP)Min-Max	mm	610-1960																								610-1960											
Mid. plate thickness	mm	150																								150											
Distance of mid. plate center to fixed platen	mm	450-1430																								450-1430											
Max.daylight	mm	2860																								2860											
Distance of mid. plate center to the bottom	mm	630																								630											
Turntable diameter	mm	1150																								1150											
Width of rotary platen	mm	900																								900											
		POWER UNIT																								POWER UNIT											
System pressure	Mpa	17.5/25																								17.5/25											
Oil pump motor	kW	60×4+16.4																								60×4+16.4											
		GENERAL																								GENERAL											
Machine dimensions (L×W×H)	m	14.91×3.23×3.52																								14.91×3.23×3.52											
Max. weight of mold (for turntable)	T	2×4.5																								2×4.5											

Remarks:

1.Yellow injection unit (operating side) and green injection unit (non-operating side) can be arbitrarily combined.

2.The specification of mold opening force is available for the mold opening under high pressure.

3.The specification of mold opening stroke is available for minimum and maximum mold thickness.

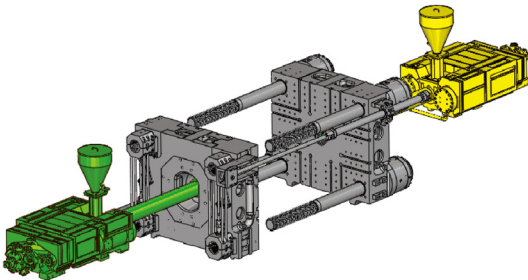
4.The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.

5.The specification of injection unit is in international units.

Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.

6.No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN1500DPM-hM Specification

ITEM	UNIT	INJECTION UNIT																																				
International size	UNIT	IU295			IU420			IU604			IU895			IU1269			IU1885			IU2695			IU3330			IU4800			IU6150			IU9000			IU12050			
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C				
Screw diameter	mm	30	35	40	35	43	48	43	48	53	48	53	60	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100	92	100	108	100	108	116	116	125	135	
Shot volume	cm³	117	159	207	164	247	308	298	371	452	425	518	664	585	749	962	834	1071	1338	1198	1497	1829	1678	2050	2460	2217	2659	3142	2892	3416	3985	4320	5040	5812	6341	7363	8588	
Shot weight	g	107	146	190	151	227	283	274	341	416	391	477	611	538	689	885	767	986	1231	1103	1377	1683	1544	1886	2263	2039	2446	2890	2660	3143	3666	3974	4636	5347	5833	6774	7901	
Injection pressure	MPa	253	186	142	257	170	137	203	163	134	211	173	135	217	169	132	226	176	141	225	180	147	199	162	136	218	181	154	213	180	155	209	179	155	190	164	140	
Screw L:D ratio	L/D	24	20	20	24	20	20	22.3	20	20	22	20	20	22.6	20	20	22.6	20	20	22.3	20	20	22.1	20	20	21.9	20	20	21.7	20	20	21.6	20	20	22.1	20	20	
Injection rate	cm³/s	76	103	134	90	136	170	136	169	207	164	199	255	174	223	287	322	414	517	383	478	584	430	526	632	467	560	662	578	683	797	766	894	1031	913	1060	1236	
Max.injection speed	mm/s	107			94			93.7			90.4			79			114			105			95			89			86.9			97.6			86.4			
Screw stroke	mm	165			170			205			235			265			295			330			370			400			435			550			600			
Max. screw speed	r/min	219			228			235			196			162			250			184			147			154			139			128			113			
Barrel heating zone (PCS)	PCS	4			4			4			5			5			5			6			6			6			7			7			8			
CLAMPING UNIT																																						
Clamping force	kN	15000																											15000									
Openning force of movable platen	kN	1230																											1230									
Openning force of middle plate	kN	223.7																											223.7									
Space between tie bars (D H*V)	mm	1540×1280																											1540×1280									
Max.mold thickness (to the turntable surface)	mm	2850																											2850									
Min.mold thickness (to the turntable surface)	mm	1050																											1050									
Opening stroke of movable platen (OP) Min-Max	mm	1650-3450																											1650-3450									
Mid. plate thickness	mm	250																											250									
Distance of mid. plate center to fixed platen	mm	525-2100																											525-2100									
Max.daylight	mm	4500																											4500									
Distance of mid. plate center to the bottom	mm	910																											910									
Turntable diameter	mm	1390																											1390									
Width of rotary platen	mm	1025																											1025									
POWER UNIT																																						
System pressure	Mpa	17.5/25																											17.5/25									
Oil pump motor	kW	60×4+16.4																											60×4+16.4									
GENERAL																																						
Machine dimensions (L×W×H)	m	18.47×4.21×4.3																											18.47×4.21×4.3									
Max. weight of mold (for turntable)	T	2×9.5																											2×9.5									

Remarks:

1.Yellow injection unit (operating side) and green injection unit (non-operating side) can be arbitrarily combined.

2.The specification of mold opening force is available for the mold opening under high pressure.

3.The specification of mold opening stroke is available for minimum and maximum mold thickness.

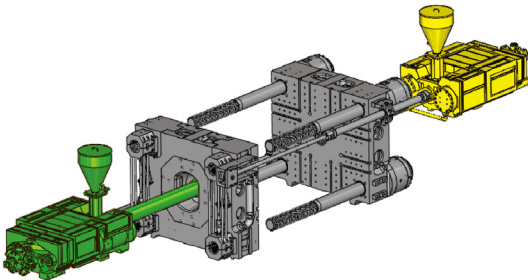
4.The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.

5.The specification of injection unit is in international units.

Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.

6.No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN1850DPM-hM Specification

ITEM	UNIT	INJECTION UNIT																											
International size	UNIT	IU1269			IU1885			IU2695			IU3330			IU4800			IU6150			IU9000			IU12050			IU18500			
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
Screw diameter	mm	53	60	68	60	68	76	68	76	84	76	84	92	84	92	100	92	100	108	100	108	116	116	125	135	135	145	155	
Shot volume	cm³	585	749	962	834	1071	1338	1198	1497	1829	1678	2050	2460	2217	2659	3142	2892	3416	3985	4320	5040	5812	6341	7363	8588	10020	11559	13208	
Shot weight	g	538	689	885	767	986	1231	1103	1377	1683	1544	1886	2263	2039	2446	2890	2660	3143	3666	3974	4636	5347	5833	6774	7901	9218	10634	12152	
Injection pressure	MPa	217	169	132	226	176	141	225	180	147	199	162	136	218	181	154	213	180	155	209	179	155	190	164	140	184	160	140	
Screw L:D ratio	L/D	22.6	20	20	22.6	20	20	22.3	20	20	22.1	20	20	21.9	20	20	21.7	20	20	21.6	20	20	22.1	20	20	23.6	22	20	
Injection rate	cm³/s	174	223	287	322	414	517	383	478	584	430	526	632	467	560	662	578	683	797	766	894	1031	913	1060	1236	1251	1444	1650	
Max.injection speed	mm/s	79			114			105			95			89			86.9			97.6			86.4			87.4			
Screw stroke	mm	265			295			330			370			400			435			550			600			700			
Max. screw speed	r/min	162			250			184			147			154			139			128			113			118			
Barrel heating zone (PCS)	PCS	5			5			6			6			6			7			7			8			8			
CLAMPING UNIT																													
Clamping force	kN	18500																											
Opening force of movable platen	kN	1380																											
Openning force of middle plate	kN	223.7																											
Space between tie bars (D:H*V)	mm	1870×1425																											
Max.mold thickness (to the turntable surface)	mm	3100																											
Min.mold thickness (to the turntable surface)	mm	1400																											
Opening stroke of movable platen (OP)Min-Max	mm	2550/4250																											
Mid. plate thickness	mm	250																											
Distance of mid. plate center to fixed platen	mm	650-2850																											
Max.daylight	mm	5650																											
Distance of mid. plate center to the bottom	mm	980																											
Turntable diameter	mm	1800																											
Width of rotary platen	mm	1245																											
POWER UNIT																													
System pressure	Mpa	17.5/25																											
Oil pump motor	kW	110×4+16.4																											
GENERAL																													
Machine dimensions (L×W×H)	m	19.7×4.21×4.3																											
Max.weight of mold (for turntable)	T	2×13.5																											

Remarks:

1.Yellow injection unit (operating side) and green injection unit (non-operating side) can be arbitrarily combined.

2.The specification of mold opening force is available for the mold opening under high pressure.

3.The specification of mold opening stroke is available for minimum and maximum mold thickness.

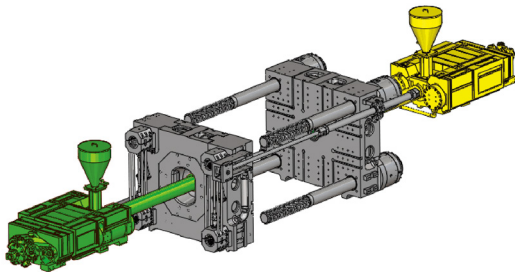
4.The actual injection volume calculated by GPPS is 0.92 time of the theoretical injection volume.

5.The specification of injection unit is in international units.

Calculation formula: theoretical injection volume (cm³) X injection pressure (MPa)/100.

6.No prior notice for the parameter change due to continuous improvement of technology.

※ All the data herein come from YIZUMI's factory. Please check the data of the actual customized equipment.



UN3200DPM-hM Specification

ITEM	UNIT	INJECTION UNIT																									
International size	UNIT	IU2695			IU3330			IU4800			IU6150			IU9000			IU12050			IU18500			IU23750				
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C		
Screw diameter	mm	68	76	84	76	84	92	84	92	100	92	100	108	100	108	116	116	125	135	135	145	155	145	155	165		
Shot volume	cm³	1198	1497	1829	1678	2050	2460	2217	2659	3142	2892	3416	3985	4320	5040	5812	6341	7363	8588	10020	11559	13208	12385	14152	16037		
Shot weight	g	1103	1377	1683	1544	1886	2263	2039	2446	2890	2660	3143	3666	3974	4636	5347	5833	6774	7901	9218	10634	12152	11394	13020	14765		
Injection pressure	MPa	225	180	147	199	162	136	218	181	154	213	180	155	209	179	155	190	164	140	184	160	140	192	168	148		
Screw L:D ratio	L/D	22.3	20	20	22.1	20	20	21.9	20	20	21.7	20	20	21.6	20	20	22.1	20	20	23.6	22	20	23.5	22	20.1		
Injection rate	cm³/s	383	478	584	430	526	632	467	560	662	578	683	797	766	894	1031	913	1060	1236	1251	1444	1650	1505	1715	1950		
Max.injection speed	mm/s	105			95			89			86.9			97.6			86.4			87.4			91.1				
Screw stroke	mm	330			370			400			435			550			600			700			750				
Max. screw speed	r/min	184			147			154			139			128			113			118			114				
Barrel heating zone (PCS)	PCS	6			6			6			7			7			8			8			10				
CLAMPING UNIT																											
Clamping force	kN	23000																									
Opening force of movable platen	kN	2550																									
Opening force of middle plate	kN	468																									
Space between tie bars (D.H*V)	mm	2240×1900																									
Max.mold thickness (to the turntable surface)	mm	3000																									
Min.mold thickness (to the turntable surface)	mm	1600																									
Opening stroke of movable platen (OP)Min-Max	mm	4450																									
Mid. plate thickness	mm	300																									
Distance of mid. plate center to fixed platen	mm	975-3100																									
Max.daylight	mm	6050																									
Distance of mid. plate center to the bottom	mm	1410																									
Turntable diameter	mm	1880																									
Width of rotary platen	mm	1770																									
POWER UNIT																											
System pressure	Mpa	17.5/25																									
Oil pump motor	kW	110×4+16.4																									
GENERAL																											
Machine dimensions (L×W×H)	m	22×4.94×5																									
Max.weight of mold (for turntable)	T	2×26																									