Stock code: 300415

YIZU们I伊之密

GUANGDONG YIZUMI PRECISION MACHINERY CO., LTD.

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Disclaimer: 1. The company reserves the right to improve the products described in the brochure, specifications are subject to change without notice. 2. The product photos are for reference only, which are subject to the actual products. 3. The data are obtained from Yizumi's laboratory test, and the final interpretation right belongs to Yizumi.



HII-S Series High-end Cold Chamber **Die Casting Machine**

(1000-5000T) High-performance Product Line Customized for Global Markets



Heritage and Innovation for **Our Customers**

We at YIZUMI believe that accumulation and integration of technologies generates energy and inspires innovation and creativity. That is why we carefully synthesize century old knowledge of HPM (a YIZUMI brand) and state of the art German machine building technology with the YIZUMI experience of over 8000 die casting machines running worldwide.

This results in top technology solutions which are practical to use and benefit our customers with aboveaverage productivity.

YIZUMI Germany

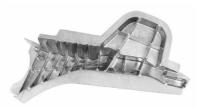
YIZUMI Germany was formally established in 2017 as our European R&D center for molding & casting technologies. Proximity to the renowned RWTH Aachen ensures constructive technological exchange on a high level.



Structural Casting Applications

Successful casting of structural applications in German OEM quality specification is one of the examples of the casting technology development done at the YIZUMI Product & Process Application Center (PPAC) Our customers can rely on Casting Technology solutions by YIZUMI.





Forbes Asia's Best Under A Billion 2018

Focused R&D for Best Casting Results

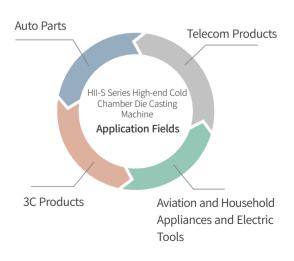
The YIZUMI R&D team, in collaboration with our European experts, have introduced innovations with a clear focus on improved injection capability and performance. The result is an upgrade package providing significantly increased shot control precision and a high injection repeatability. These technological improvements strongly facilitate our customer's high performance manufacturing capability allowing them to successfully compete.

Application field

The HII-S series high-end cold chamber die casting machine is suitable for manufacturing nonferrous metal die-casting products such as high-demand automobile and communication parts, highprecision 3C electronic parts, aviation and building materials parts, and household appliances.

China's 50 Most Innovative Companies by Fast Company in 2016

Annual sales volume reached 1,000~1,200 sets of machines



New, integrated Machine Design

HII-S Series High-end Cold Chamber Die Casting Machine



Precise and stable

- ► Human centric HMI integrated in operation panel increases operational efficiency.
- Significantly increased casting precision and a reduced pressure build-up time.
- ► Top line acceleration and international-level process repeatability.

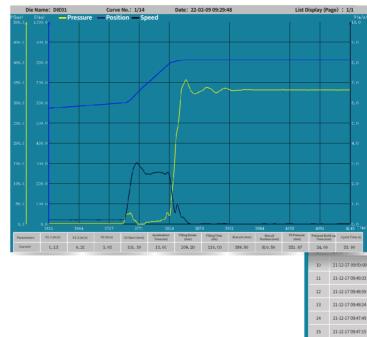
New-generation Cold Chamber Die Casting Machine Greatly Improved Injection Performance

| | Die Name: ×□¥□æ | 2080 | Curve | No.: 19/27 | | Date: 4110 | 6-15633-15627 83 | 25:15621:49406 | | | |
|--------------|-----------------|--------------|---------------|------------------------|---------------------|------------------|------------------|-----------------------|------------------|--------------------------------|----------------|
| P(ber) S(mm) | - Pressure | — Position — | Speed | | | | | | | | Vite |
| . 100.0 | | | | | | | | | | | |
| 1.0 : 600.0 | | | | | | | | | | | |
| 10 - 790.0 | | | | | | | | | | | |
| 0 - 603.0 | | | | | | | | | | | |
| 0 - 500.0 | | | | | | | | | | | |
| 400.0 | | | | | | | | | | | |
| - 500.0 | | | | | | | | M | | | |
| 201.0 | | | | | | | | | | | |
| - 100.0 | | | | | | | | | | | |
| 0.00 1366 | 1910 | 2254 | 250 | | | 2206 | 3530 | M | 4175 | esta Pressure Ruild-un | |
| Parame | ters V1(m/s) | V2 (m/s) | V2 Start (mm) | Acceleration Time (ms) | Filling Stroke (mm) | FillingTime (ms) | Biscuit (mm) | Biscuit Position (mm) | P3 Pressure (mm) | Pressure Build-up Time (mm) | Cycle Time (s) |

The pressure build-up time shortened by 30%

Further improved pressure build-up time by over 30%. The HII-S pressure build-up time offers great performance to any casting process.



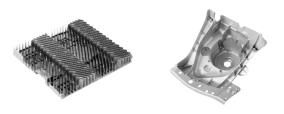


Precision improved by 20%

The HII-S provides a high standard of precision to switch-over to the cavity filling phase. The deviation between setting and actual value is mere \leq 5mm and repeatability \leq 3mm satisfies the highest requirements.



| E. 0 | | | | | | | | | | | | | | | | | |
|---------------|------|--------|------|---------------|---------------|-------------|---------------------|----------------------------------|---------------------------|-------------------------|---------------------------|-----------------------------|------------------------------|--------------------------------|----------------------|--|--|
| 7.0 | | | | | | | | | | | | | | | | | |
| e. 0 | | IO DIE | | Curve | No.: 1/2 | 5 | Da | ite: 22-06 | i-09 09:29: | 48 | List Display (Page) : 4/5 | | | | | | |
| ±.0 | | Shift | SN | V1.1 (m/S) | V1.2 (m/S) | V2 (m/S) | V2 Start (mm) | Accele ration Time (ms) | Filling Stroke (mm) | Filling Time (ms) | Biscuit (mm) | Biscuit Position (mm) | Intensif icaiton (bar) | Pressure Build Time (ms) | Cycle Time (s) | | |
| 4.0 | | 1 | 8351 | 0.13 | 0.20 | 3.03 | 601.30 | 13.00 | 209.20 | 110.00 | 389.50 | 810.50 | 331.67 | 24.00 | 35.00 | | |
| 3.0 | | 1 | 8350 | 0.13 | 0.20 | 3.04 | 601.10 | 14.00 | 209.30 | 117.00 | 389.80 | 810.20 | 336.82 | 25.00 | 34.00 | | |
| | | 1 | 8349 | 0.13 | 0.20 | 3.03 | 601.20 | 13.00 | 209.20 | 115.00 | 389.80 | 810.20 | 335.94 | 24.00 | 35.00 | | |
| 2.0 | | 1 | 8348 | 0.13 | 0.20 | 3.05 | 601.00 | 13.00 | 209.60 | 111.00 | 389.70 | 810.30 | 331.89 | 24.00 | 35.00 | | |
| 1.0 | | 1 | 8347 | 0.13 | 0.20 | 3.02 | 601.20 | 13.00 | 209.40 | 110.00 | 389.70 | 810.30 | 332.87 | 23.00 | 34.00 | | |
| | | 1 | 8346 | 0.13 | 0.20 | 3.03 | 601.10 | 13.00 | 209.40 | 112.00 | 389.70 | 810.30 | 332.52 | 24.00 | 35.00 | | |
| 41.45 - | | 1 | 8345 | 0.13 | 0.20 | 3.03 | 601.20 | 13.00 | 209.40 | 111.00 | 389.70 | 810.30 | 334.12 | 24.00 | 35.00 | | |
| Cycle Time (s | 0 | 1 | 8344 | 0.13 | 0.20 | 3.03 | 601.10 | 13.00 | 209.50 | 110.00 | 389.70 | 810.30 | 333.44 | 23.00 | 34.00 | | |
| 35.00 | | 1 | 8343 | 0.13 | 0.20 | 3.03 | 601.10 | 13.00 | 209.50 | 110.00 | 389.70 | 810.30 | 334.10 | 23.00 | 35.00 | | |
| 1-12-17 09:50 | 80: | 1 | 8342 | 0.13 | 0.20 | 3.04 | 601.20 | 14.00 | 209.30 | 112.00 | 389.70 | 810.30 | 333.87 | 24.00 | 35.00 | | |
| 1-12-17 09:49 | 9:33 | 1 | 8341 | 0.13 | 0.20 | 3.01 | 601.20 | 13.00 | 209.30 | 113.00 | 389.70 | 810.30 | 334.70 | 24.00 | 34.00 | | |
| 1-12-17 09:48 | 3:59 | 1 | 8340 | 0.13 | 0.20 | 3.00 | 601.30 | 13.00 | 209.20 | 119.00 | 389.70 | 810.30 | 331.57 | 24.00 | 35.00 | | |
| 1-12-17 09:48 | 3:24 | 1 | 8339 | 0.13 | 0.20 | 2.99 | 601.00 | 13.00 | 209.60 | 111.00 | 389.70 | 810.30 | 332.75 | 24.00 | 35.00 | | |
| 1-12-17 09:47 | 7:49 | 1 | 8338 | 0.13 | 0.20 | 3.02 | 601.10 | 13.00 | 209.50 | 111.00 | 389.70 | 810.30 | 334.22 | 24.00 | 34.00 | | |
| 1-12-17 09:47 | 1:15 | 1 | 8337 | 0.13 | 0.20 | 3.03 | 601.10 | 13.00 | 209.50 | 110.00 | 389.70 | 810.30 | 333.91 | 23.00 | 35.00 | | |

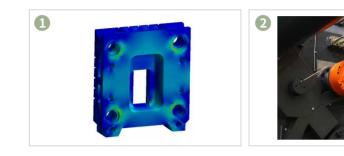


Clamping Unit

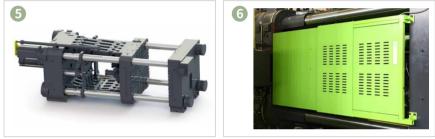
Re-Engineered Clamping Unit Shorter cycle time and increased platen rigidity significantly improve customers production output.



1000T-2000T







Re-Designed high rigidity platen

Further increased platen rigidity protects the die casting tools during operation.

A new design based on FEM analysis offers an even distribution of force by minimized platen bending.

Adapt new material

The toggle pin holes are fitted with high-strength wear-resistant alloy bushes, which have excellent mechanical properties, are durable and have enhanced dry-running characteristics. Ensuring stable locking forces during volume production, the auto die height adjustment supports a stable operation. Automatic readjustment of the target locking force during production start up offers further production efficiency.

Six tie-bar design

Locking ends of 2500T and higher are designed in our six tie-bardesign which ensures efficient and smooth die closing and open movements for fastest machine cycle time.



Auto die height adjustment

Oual seals design

A high quality "dual-seal" design enhances machine service life and protects tie bars and platen bushes from premature wear.

6 Safety Operation

Further increased safety standards by added safety protection of the toggle area with sliding-doors to be opened individually for easy maintenance access.

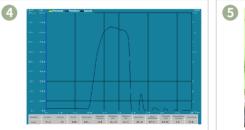
Upgraded Injection Unit

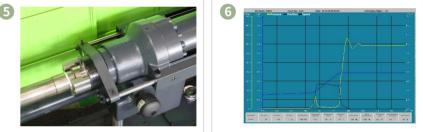
Increased casting process consistency for our customers based on successful international engineering cooperation.

Refined performance features include: Improved injection acceleration, shortened pressure building time, enhanced V2 starting position and repeatability.









Hydraulic shot height adjustment

The new shot-height adjustment feature allows time-saving and easy adjustment of the injection position when setting up new dies.

④ Enhanced shot performance

With its optimized hydraulic system, the HII-S system offers a high dry injection speed $\geq 8m/s (\geq 10m/s \text{ is})$ optional) and a high injection acceleration \geq 40G. In combination with its high-capacity P/Q performance, the HII-S die casting machine is built to provide high casting quality with even the most difficult parts.

D Higher performance injection hydraulic system

increase machine availability.

B Highest stability of injection cylinder design

The proven YIZUZMI design featuring two guiding rods effectively avoids the rotation of the injection piston and ensures precise control and consistency of the injection.

A new integrated injection hydraulic improves injection performance and enhances casting process stability to reduce components and

Spacer design for easy shot height adjustment

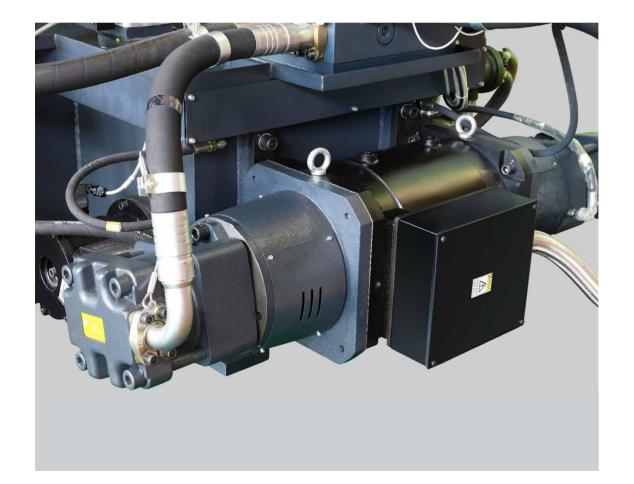
A smart system based on standardized spacer elements in the fixed platen allows adjustments of shot sleeve to any desired injection position.

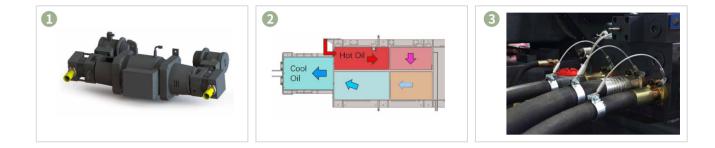
6 Enhanced Pre-filling phase

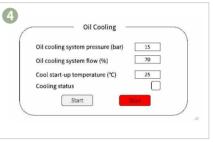
Significantly improved hydraulic plunger movement in the pre-filling phase allow V1 process optimizations to prevent air entrapment in the shot sleeve.

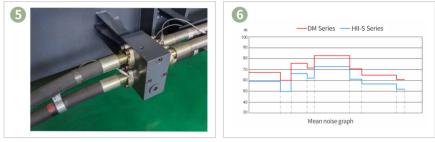
Fast and Precise Hydraulic Drive System

The hydraulic system can precisely keep the balance between energy consumption and efficiency to enable faster cycle time with minimal energy consumption, and effectively increase the productivity to meet customers' higher OEE expectations.









Modern servo drive system

The variability of the servo drive system provides higher oil capacity and a faster response time of the hydraulic machine movement. The result is a higher productivity at lower energy consumption.

4 HII-S optimized cooling system

YIZUMI offers its customers a mature and stable servo drive solution with a separate oil filtering and effective cooling unit. This integrated, continuously improved solution ensures highest oil quality at best performance.

Optimized oil tank structure

An optimized interior structure of the oil tank improves heat dissipation and ensures effective management of oil quality and operating temperature. A design solution extends the service life of hydraulic components.

Optimized hydraulic piping

A smart combination of steel pipes and high-pressure hoses effectively ensures the reliability of the hydraulic system supporting a competitive OEE for our customers.

Additional personnel safety

High pressure hydraulic hoses are equipped with steel hose-collars secured on wire-ropes. This additional safety feature effectively protects personnel.

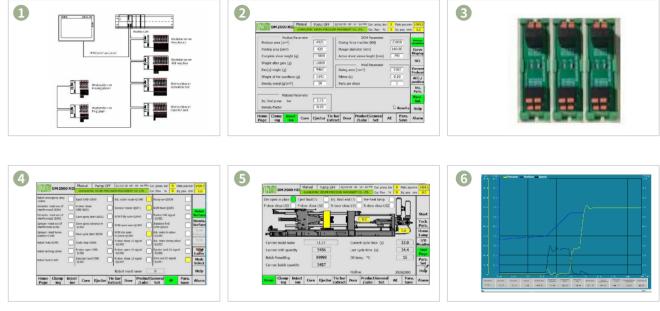
6 Less noise

The third generation servo drive offers even less noise emissions if compared to the previous design. System noise reduction of about 20%.

International Standard Electrical **Control System**

High level design complying with worldwide safety standards. Ensuring safe and precise control of the production process in an intelligent and convenient way.





| DM 250 | 0 HI | Menual Pump | OFF | 22/03/39 09: 35: 44 SIDE MACKINERY CO. LTD | | Cur. press. bar 0 Plata pos Cur. few 16 0 213 pos. | | | YEAH | DM 2500 | | nual |
|---|------|---------------------------------|-----|---|---|---|----------------|---|----------|------------------|----------|------|
| Robeit emorgenoj stao -calez | C | Eject CHD-20050 | C | Ed. schet mode-Q1340 | C | Fump ee-Q1050 | 0 | 1 | Die op | en in place | E ject B | wd15 |
| Detractor robot ext of oterference3-00043 | C | R-deer clase CHD-20031 | C | Sprayer mode-Q0041 | C | 0.0M tout- Q0051 | Belev | | F-door | F-door close LS1 | | dose |
| Exceptor robot exit of interference2 20142 | C | Care spray start-0052 | C | DON FAY MID-Q1042 | C | Product NG signal | Surfac | | | - | 1. | 2 |
| Sproyer robot out of interference-01242 | C | Care spray advance in -0.255 | C | 1610-stee inter ICO | C | Pijetics fiel | Standa | | | | E: | 1 |
| Sprayer robot home position- C.044 | C | Next cycle start 10054 | C | DCN dig oper In place-QL244 | C | Ext. robot in allow | Y7M Extrac | 2 | -0 | | - III | |
| Robert Auto-01245 | C | Cycle map-12055 | C | F-deer close LS signal -Q1245 | C | Ext. robot clamp allow | YZN Sprays | | Curre | men blom te | e [] | |
| Applied Sections - 20146 | C | Richard open CMD -D1956 | C | R-door open LS signal -Q1346 | C | tjectur lavel LS signel | 100 | | Curre | nt shift quant | ity . | |
| Robert Sout-C.047 | | Dijection bird CND -E1257 | C | R-door close L5 speal -Q1347 | C | Core ext LS signal | Mode Select | | | Presetting | ntity | |
| | | | | Robert moid name | | 0 | Help | | 1.000.00 | | | |

Standard protocol communication

Adhering to the design idea of reducing failure rates, the machine is equipped with a brand-new decentralized control system. Communication between the PLC and workstation relies on profibus DP. The system minimizes interferences by effectively lowerering voltage loss at the components and facilitates quick troubleshooting ability, effectively reduce the voltage drop, easy to quickly find and repair.

4 Cell Integration

The HII-S control system features standardized interfaces offering great flexibility in the choice of peripherals.

Cell integration made easy.

Technology Data Management & Calculation

Based on technology data input the YIZUMI HII-S control system calculates critical casting process data to support process engineers.

Optimized HMI

Further optimized layout and structure of our HMI increases flexibility in managing machine functions via a large touchscreen. Intuitive and easy-to-understand maintenance functions such as maintenance tips, comprehensive alarm messages as well as operation guidance increase operational efficiency.

Short-circuit protection

Newly developed core-pulling short-circuit protection with fast response and self-resetting function to ensure stable and high-yield operation of the machine.

6 Intelligent online QC system

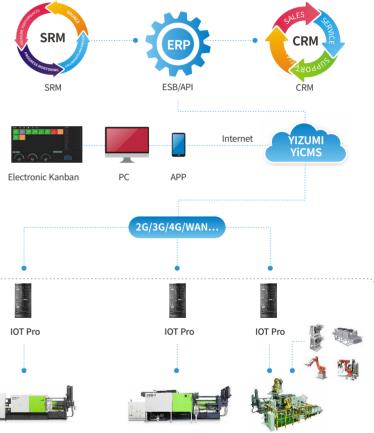
The YIZUMI QC package offers precise recording and display of the casting injection curves as well as monitoring of key casting process parameters including individual parameter tolerance settings. Casting Quality control made easy.

Real-time Closed-loop Control (Optional)

YIZUMI Real Time Closed Loop Shot Control (RTCL) Highest standard of injection performance in real time.

YIZUMI Condition Monitor System (Optional)

The Yi-CMS platform is a perfect addition to YIZUMI's modern die casting machines & cells. Our Yi-CMS provides all functions and connectivity needed to fully integrate YIZUMI cells as well as other machinery in an Industry 4.0 plant manufacturing system.







Machine Monitor

• The running status is viewed in real time

• Timely warning of abnormal

in real time

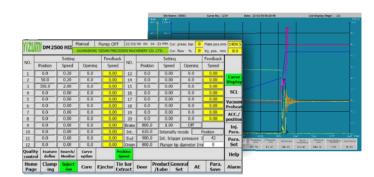
downtime

- Dynamic calculation of operational metrics
- Alarm information is collected
- are traced

RTCL on injection speed

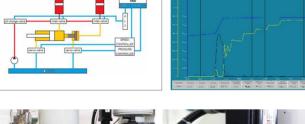
Our enhanced RTCL shot control system ensures highest injection repeatability across all injection phases.

A reliable shot control from YIZUMI for advanced products and highest precision, including automatic correction of process parameters.



RTCL on injection speed & pressure

Real-time closed-loop control systems ensure quality consistency over long periods of time. Pressure, speed real-time detection and high-precision calibration enable a high degree of consistency in the customer's production process.





*Data above are reference criterions for factory tests

Process Monitor

- Process parameters are collected
- in real time • Timely warning of parameter anomalies
- Historical processing parameters
- Process parameters SPC control

Production Statistics

- Production progress monitoring
- Quality statistical analysis
- Hourly production statistics
- KPI exception alert

Product & Process Application Center

Yizumi PPAC Introduction

Yizumi Gaoli plant has established a Product & Process Application Centre featuring a well equipped 3000T machine. The cell is equipped with an aluminum alloy dosing furnace incl. melt treatment with porous plugs, a high vacuum unit, a full set of mold control unit (jet cooling, die temperature controller e.g.) and a whole set of robot automation unit. This infrastructure allows Yizumi PPAC to meet the production demands of various large castings as well as structural castings.

Yizumi has created a real customer production environment, and can explore together with customers the core requirements of the die-casting process. Our aim is to provide a better and more satisfying equipment experience. Yizumi is working towards becoming the most cost-effective solution provider in the die-casting field.

Yizumi PPAC 3000T Die Casting Cell

- Sprayer
- Ladler
- Part removal robot
- Air-cooling device
- Water-cooling device
- Pneumatic deslag device
- Dosing furnace
- Servo sawing device

- Safety fence
- Conveyor
- Vacuum machine
- Mold temperature controller
- Release agent mixing and feeding device
- Cylinder liner feed device
- Robotic polishing and deburring device
- Melting and holding furnace





Technical Data

| | ITEMS | UNIT | DM1000HII-S | DM1250HII-S | DM1650HII-S | DM2000HII-S | DM2500HII-S | DM3000HII-S | DM3500HII-S | DM4000HII-S | DM4500HII-S | DM5000HII-S |
|-------------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Locking Force | kN | 10000 | 12500 | 16500 | 20000 | 25000 | 30000 | 35000 | 40000 | 45000 | 50000 |
| | Locking Stroke | mm | 880 | 1000 | 1200 | 1400 | 1500 | 1500 | 1600 | 1800 | 1900 | 1900 |
| CLAMPING | Space Between Tie Bars | mm | 1030x1030 | 1100×1100 | 1250x1250 | 1350x1350 | 1500x1500 | 1650x1650 | 1750x1750 | 1850x1850 | 1950x1950 | 1950x1950 |
| UNIT | Die Height (Min Max.) | mm | 450-1100 | 450-1200 | 500-1400 | 600-1600 | 700-1800 | 800-2000 | 850-2000 | 900-2100 | 1100-2200 | 1100-2200 |
| | Ejector Force | kN | 500 | 550 | 600 | 650 | 750 | 900 | 900 | 1100 | 1100 | 1100 |
| | Ejector Stroke | mm | 200 | 200 | 250 | 300 | 300 | 300 | 300 | 400 | 400 | 400 |
| | Injection Force | kN | 850 | 1100 | 1300 | 1510 | 1700 | 2110 | 2410 | 2410 | 2800 | 2800 |
| | Injection Stroke | mm | 850 | 910 | 970 | 1050 | 1100 | 1180 | 1400 | 1400 | 1600 | 1600 |
| | Plunger Diameter | mm | 90-120 | 100-140 | 110-150 | 120-160 | 140-180 | 140-180 | 140-200 | 160-200 | 160-220 | 160-220 |
| | Injection Weight (Al) | kg | 10-18 | 13-26 | 17-32 | 22-39 | 31-58 | 34-62 | 40-82 | 52-82 | 60-144 | 60-144 |
| | Casting Pressure (intensification) | Мра | 133-75 | 140-71 | 136-73 | 133-75 | 110-59 | 137-74 | 156-76 | 119-76 | 139-73 | 139-73 |
| INJECTION UNIT | Casting Area | cm ² | 748-1329 | 892-1748 | 1205-2240 | 1497-2660 | 2262-4167 | 2187-4029 | 2234-4560 | 3335-5210 | 3229-6105 | 3588-6784 |
| | Max. Casting Area (40MPa) | cm ² | 2500 | 3125 | 4125 | 5000 | 6250 | 7500 | 8750 | 10000 | 11250 | 12500 |
| | Injection Position | mm | -100,-300 | -160,-320 | -175,-350 | -200,-400 | -200,-400 | -250,-450 | -300,-600 | -300,-600 | -300,-600 | -300,-600 |
| | Plunger Penetration | mm | 300 | 350 | 400 | 450 | 450 | 530 | 600 | 600 | 700 | 700 |
| | Casting Flange Diameter | mm | 240 | 240 | 260 | 260 | 280 | 280 | 320 | 320 | 340 | 340 |
| | Casting Flange Protrusion | mm | 20 | 25 | 25 | 30 | 30 | 30 | 35 | 35 | 35 | 35 |
| | Motor Capacity (SM) | kW | 66.3 | 81.7 | 94.2 | 137.8 | 163.4 | 188.4 | 152.8 | 176.8 | 176.8 | 176.8 |
| OTHERS | System Working Pressure | Мра | 16 | 16 | 16 | 16 | 16 | 16 | 21 | 21 | 21 | 21 |
| UTTERS | Oil Tank Capacity | L | 1750 | 2000 | 2100 | 3100 | 4350 | 4800 | 4000 | 4800 | 4800 | 4800 |
| | Machine Dimension (L \times W \times H) | mm | 10400x3900x4100 | 11800x4010x3810 | 12800x4380x4300 | 13500x4790x4090 | 15400x6110x4600 | 15600x6110x4650 | 16000x6250x6250 | 17500x6450x6280 | 17500x6450x6300 | 17500x6450x6300 |

*Data above are reference criterions for factory tests

Remark : We reserve the right to make any product improvement or specifications change without prior notice. Any product photos shown in catalogue are for future reference only.

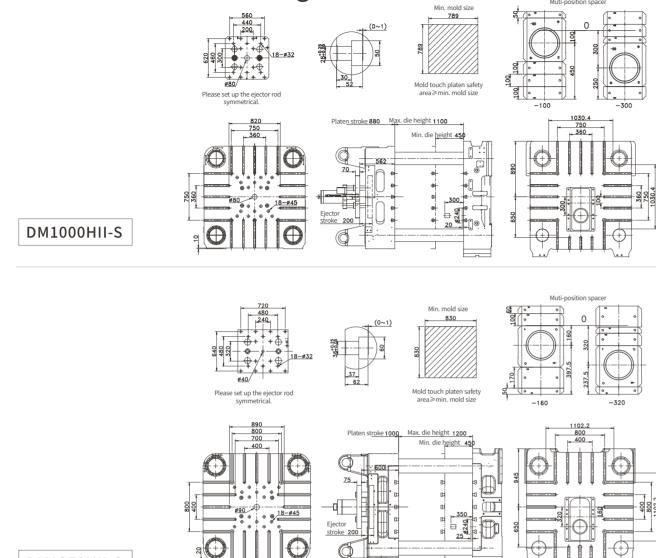
Standard and Optional Features

| ITEMS | DM1000HII-S | DM1250HII-S | DM1650HII-S | DM2000HII-S | DM2500HII-S | DM3000HII-S | DM3500HII-S | DM4000HII-S | DM4500HII-S | DM5000HII-S |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| General | | | | | | | | | | |
| Machine standard color * | • | • | • | • | • | • | • | • | • | • |
| Customer specified color | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electrical and floor mounted safety door (left) | ٠ | • | • | • | • | • | • | • | • | • |
| Electrical and floor mounted safety door (right) | • | • | • | • | • | • | • | • | • | • |
| Toggle safety door (left,right) | • | • | • | • | • | • | • | • | • | • |
| Electrical System | | | | | | | | | | |
| 15" touch screen | • | • | • | • | • | • | • | • | • | • |
| Air conditioner | • | • | • | • | • | • | • | • | • | • |
| Mould parameters storage(100 sets) | • | • | • | • | • | • | • | • | • | • |
| Extended mould parameters storage | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electronic locking force display | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clamping System | | | | | | | | | | |
| Dual proportional control of die open and close | • | • | • | • | • | • | • | • | • | • |
| Magnetic tape for stroke control | • | • | • | • | • | • | • | • | • | • |
| DDC system | • | • | • | • | • | • | • | • | • | • |
| Die height adjustment control- position | • | • | • | • | • | • | • | • | • | • |
| Die height adjustment control-position and force | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central toggle system lubrication | • | • | • | • | • | • | • | • | • | • |
| Central die height system lubrication | • | • | • | • | • | • | • | • | • | • |
| Hydraulic tie bar extraction (left & top) | • | • | • | • | • | • | • | • | • | • |
| Hydraulic tie bar extraction (right & top) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hydraulic System | | | | | | | | | | |
| Servo pump station | • | • | • | • | • | • | • | • | • | • |
| Core and Ejector | | | | | | | | | | |
| Dual proportional control | • | • | • | • | • | • | • | • | • | • |
| 2 set on moving platen | • | • | • | • | • | • | • | • | • | • |
| Customized core numbers on moving platen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 set on fix platen | • | • | • | • | • | • | • | • | • | • |
| Customized core numbers on fix platen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Squeezing function for core-pulling | • | • | • | • | • | • | • | • | • | • |
| Ejector stroke control - magnetic tape | • | • | • | • | • | • | • | • | • | • |
| Ejector stroke control - limit switch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Injection System | | | | | | | | | | |
| Injection proportional control | ٠ | ٠ | • | • | ٠ | • | • | • | • | • |
| Injection stroke control - magnetic tape | • | • | • | • | • | • | • | • | • | • |
| Intelligent online PPS technology | ٠ | • | • | • | ٠ | • | • | • | • | • |
| RTCL control - speed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RTCL control - speed & pressure | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others | | | | | | | | | | |
| Oil temperture indiacator | ٠ | • | • | • | • | • | • | • | • | • |
| Electronic oil temperature alarm | • | • | • | • | • | • | • | • | • | • |
| Plunger lubrication system | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

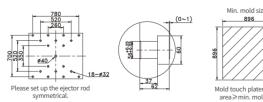
*: RAL9003, RAL1207075, RAL7021

• Standard feature O Optional feature

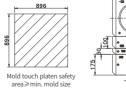
Platen Dimension Drawings

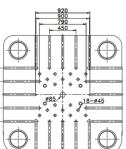


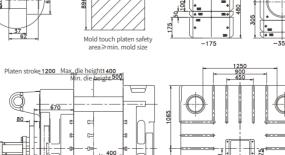
DM1250HII-S



stroke 250



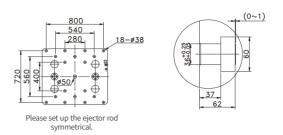


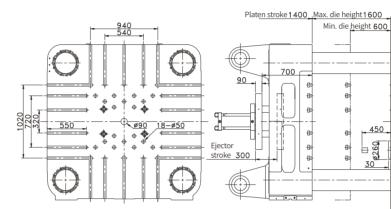


DM1650HII-S

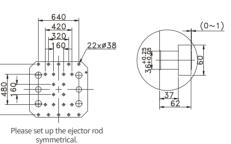
Platen Dimension Drawings

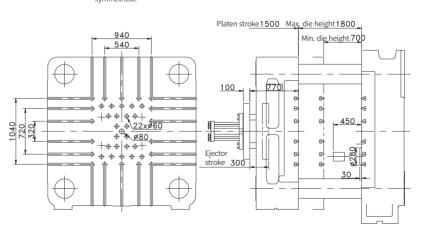
DM2000HII-S

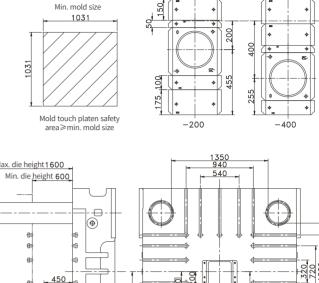




DM2500HII-S







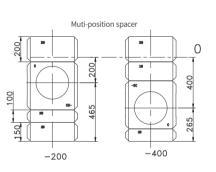
Muti-position spacer

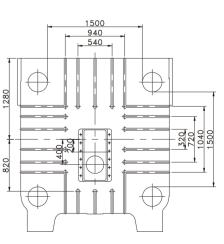


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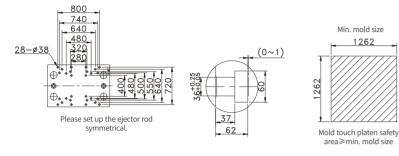
Mold touch platen safety area≥min. mold size

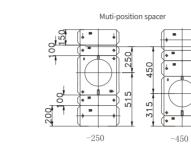


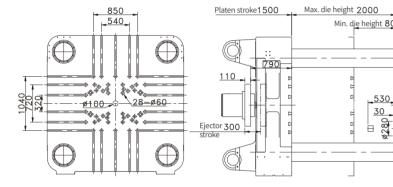


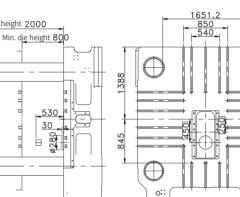
Platen Dimension Drawings

DM3000HII-S



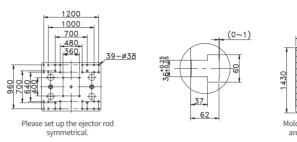


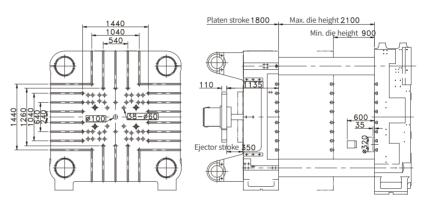




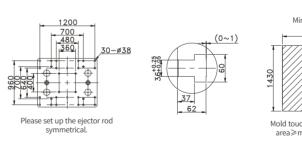
Platen Dimension Drawings

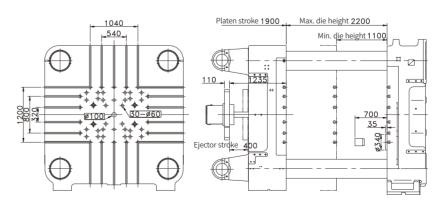
DM4000HII-S



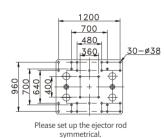


DM4500HII-S / DM5000HII-S





DM3500HII-S



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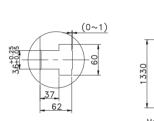
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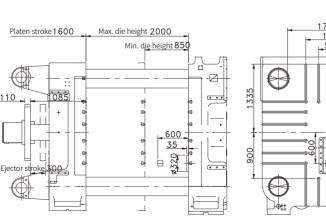
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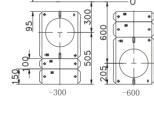


Mold touch platen safety area≥min. mold size

Min. mold size

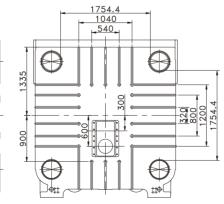
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Muti-position space

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200 320

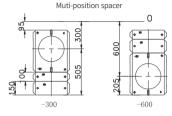
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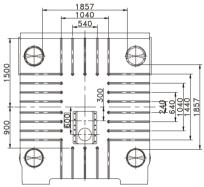
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Min. mold size



Mold touch platen safety area≥min. mold size









Mold touch platen safety area≥min. mold size

Muti-position spacer

