

|                                             |           | MJ20-H           |     |      | MJ35-H          |     |     | MJ35            |     |     | MJ55            |     |     |
|---------------------------------------------|-----------|------------------|-----|------|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|
| 射胶部份 Injection Unit                         | 单位 Unit   | A                | B   | C    | A               | B   | C   | A               | B   | C   | A               | B   | C   |
| 射胶容积<br>Swept Volume                        | cm³       | 20               | 25  | 30   | 43              | 56  | 70  | 43              | 55  | 70  | 63              | 80  | 98  |
| 射胶量 (硬胶)<br>Shot weight(PS)                 | g         | 18               | 22  | 27   | 39              | 51  | 63  | 40              | 50  | 63  | 56              | 71  | 87  |
|                                             | oz        | 0.6              | 0.8 | 1    | 1.4             | 1.8 | 2.2 | 1.4             | 1.8 | 2.2 | 2               | 2.5 | 3   |
| 螺杆直径<br>Screw diameter                      | mm        | 18               | 20  | 22   | 22              | 25  | 28  | 22              | 25  | 28  | 25              | 28  | 31  |
| 螺杆长度直径比<br>Screw L/D ratio                  | mm/mm     | 21               | 19  | 17.5 | 23              | 20  | 18  | 23              | 20  | 18  | 22              | 20  | 18  |
| 射胶压力<br>Injection pressure                  | MPa       | 210              | 170 | 140  | 238             | 185 | 147 | 225             | 174 | 139 | 203             | 162 | 132 |
| 螺杆行程<br>Screw stroke                        | mm        | 80               |     |      | 115             |     |     | 115             |     |     | 130             |     |     |
| 螺杆转速<br>Screw speed                         | rpm       | 0~330            |     |      | 0~225           |     |     | 0~200           |     |     | 0~230           |     |     |
| 射咀行程<br>Nozzle stroke                       | mm        | 150              |     |      | 180             |     |     | 180             |     |     | 200             |     |     |
| 锁模部份 Clamping Unit                          |           |                  |     |      |                 |     |     |                 |     |     |                 |     |     |
| 锁模力<br>Moulding clamping force              | kN        | 200              |     |      | 350             |     |     | 350             |     |     | 550             |     |     |
| 开模行程<br>Opening stroke                      | mm        | 250              |     |      | 325             |     |     | 230             |     |     | 250             |     |     |
| 导柱内距(水平×垂直)<br>Space between tie bars (H×V) | mm        | 250 x 220        |     |      | 280 x 260       |     |     | 280 x 260       |     |     | 310 x 310       |     |     |
| 容模量 (最薄-最厚)<br>Mould thickness (Min-Max)    | mm        | 150-400          |     |      | 150-475         |     |     | 80-300          |     |     | 80-320          |     |     |
| 模板最大距离<br>Maximum daylight                  | mm        | 400              |     |      | 475             |     |     | 530             |     |     | 570             |     |     |
| 顶针推力<br>Ejector force                       | kN        | 17               |     |      | 22              |     |     | 27              |     |     | 28              |     |     |
| 顶针行程<br>Ejector stroke                      | mm        | 60               |     |      | 75              |     |     | 60              |     |     | 75              |     |     |
| 电力 / 电热 Power / Heating Unit                |           |                  |     |      |                 |     |     |                 |     |     |                 |     |     |
| 系统压力<br>System pressure                     | MPa       | 17.5             |     |      | 17.5            |     |     | 17              |     |     | 14.5            |     |     |
| 油泵马力<br>Pump motor                          | kW        | 5.5              |     |      | 7.5             |     |     | 5.5             |     |     | 7.5             |     |     |
| 电热量<br>Heating capacity                     | kW        | 3                |     |      | 4.2             |     |     | 4.2             |     |     | 5.2             |     |     |
| 温度控制区<br>Temperature control zones          |           | 3                |     |      | 3+1             |     |     | 3+1             |     |     | 3+1             |     |     |
| 其他 Other                                    |           |                  |     |      |                 |     |     |                 |     |     |                 |     |     |
| 循环时间<br>Dry-cycle time                      | s         | 1.5              |     |      | 1.5             |     |     | 1.6             |     |     | 1.8             |     |     |
| 机身尺寸(长×宽×高)<br>Machine dimensions (L×W×H)   | m × m × m | 2.5 x 0.85 x 1.6 |     |      | 3.0 x 1.0 x 1.7 |     |     | 3.0 x 1.0 x 1.6 |     |     | 3.4 x 1.0 x 1.6 |     |     |
| 油箱容量<br>Oil tank capacity                   | liter     | 100              |     |      | 120             |     |     | 120             |     |     | 140             |     |     |
| 机重(约)<br>Machine weight (approx.)           | t         | 1.2              |     |      | 1.6             |     |     | 1.6             |     |     | 2               |     |     |

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## 敏而捷 智能省电注塑机系列

MINIJET Intelligent Series

20 to 55 tons



您的高精度  
节能方案

# 敏而捷 智能省电注塑机系列

**MINIJET**智能系列注塑机是震雄集团最新产品之一，适合精密、微型产品的生产需求；其控制器采用高性能 *Ai-01P* 智能联网电脑控制器，具有智能故障检出及辅助操作功能，整机耗电量极低，是注塑厂家的最佳合作夥伴

## 1. 射胶部分

- H型采用高刚度直线导轨无间隙运动，减少摩擦阻力，提高系统的回应速度和灵敏度，驱动功率大幅度下降
- 采用双注射及双射移油缸，射嘴与射移导杆同一平面设计，确保了高速注射中的平稳性和力矩的平衡性，稳定性更好

## 2. 锁模部分

锁模机构分两种：机铰锁模及全液压锁模结构

- 采用中心施压全油压式锁模设计，结构简单、模板运行平稳，改善模具受力情况，保证产品质量，保护及延长模板寿命
- 锁模部分采用优化五点式机铰结构，开锁模速度快、开模行程更大

## 3. *Ai-01P*智能联网电脑控制器

- 配置高精度电子尺，配合温度及压力感应器，具有智能故障检出及辅助操作功能，全面支援iChen System™生产车间联网管理系统及iChen Wireless™无线联网



符合JIS各类检验标准



# MINIJET Intelligent series

The **MINIJET** series is your ideal partner for producing precision and miniature products. It combines the high-performance "*Ai-01P*" intelligent computer controller (built-in networking, intelligent diagnostics and on-line assistance) with a hydraulic circuit optimized by the best European and Japanese expertise, resulting in even higher speed, shorter cycle times, significantly better control precision and unmatched ease-of-use

## 1. Injection Unit

- High-performance linear guide (for H type) enables seamless motion control, improves structural strength of the dynamic system, greatly enhances precision of injection
- The nozzle is co-planar with the two perfectly-balanced injector cylinders - no lateral forces act on the unit during injection that enabling precise injection control

## 2. Clamping Unit

Two Different Clamping Units available: Toggle and Hydraulic Clamping Unit

- The Hydraulic clamping mechanism enhances balanced stress distribution, assuring products quality and prolong the mould life
- Optimized five-point toggle design for even higher clamping speed and longer opening stroke

## 3. *Ai-01P* intelligent computer controller

- High-precision potentiometers with built-in networking, intelligent diagnostics and on-line assistance features. Integrates completely with iChen System™ and iChen Wireless™ shop-floor management system



Japan Industrial Standard