

PET 系列 (1000-5300KN) 专用注塑机



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ZHEJIANG SOUND MACHINERY MANUFACTURE CO.,LTD.

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浙江省二轻集团·浙江申达机器制造股份有限公司

ZHEJIANG ARTIKING GROUP • ZHEJIANG SOUND MACHINERY MANUFACTURE CO.,LTD.



ENTERPRISE INTRODUCTION

企业简介

浙江申达机器制造股份有限公司隶属浙江省二轻集团，创建于1955年，国内最早生产塑料注射成型机的企业之一，中国塑料机械工业的先行者，行业首批国家高新技术企业，浙江省“五个一批”重点骨干企业，曾先后获得国内塑机行业唯一国家银质奖，以及国家科技进步二等奖、浙江省科技进步一等奖等，拥有院士专家工作站、国家博士后科研工作站、省级企业研究院、省级企业技术中心和省级工程研究中心等科研机构，累计获得专利180余项，发明专利16项。

2020年，总投资7亿元，厂区占地近200亩的德清申达基地竣工投产，基地配备捷克斯柯达落地式镗铣加工中心、新泻FMS柔性加工系统、仓敷刨台式镗铣加工中心、三菱龙门五面体加工中心、大隈数控车床、意大利海克斯康三坐标测量仪等国际一流加工设备与检测设备70余台，可实现年产能6000余台。

申达成功上市UN第三代高效精密系列、DP二板系列、EM全电机系列、EMH系列油电混动系列、GJ挤注一体系列、多组分注塑成型系列及专用机系列百余款产品，锁模力从100吨至9000吨，注射量从100g至210000g，产品远销日本、法国、沙特、印度、印尼、俄罗斯、美国等六十多个国家和地区。

Founded in 1955, ZHEJIANG SOUND MACHINERY MANUFACTURE CO., LTD is one of the earliest professional manufacturers of injection molding machine in China, which is affiliated to ZHEJIANG ARTIKING GROUP CO., LTD . SOUND is the pioneer of China's plastic machinery industry, the first batch of national high-tech enterprises in the industry, the key enterprise of "a Group of Five" in Zhejiang province. SOUND has won the only National Silver Award in domestic plastic machinery industry, the second prize of National Science and Technology Progress Award, the first prize of Zhejiang Science and Technology Progress Award, etc. SOUND has scientific research institutions such as academician expert workstation, national post-doctoral scientific research workstation, provincial enterprise research institute, provincial enterprise technology center and provincial engineering research center. SOUND has obtained more than 180 patents and 16 invention patents.

In 2020, DEQING SOUND manufacturing base, with a total investment of RMB700 million and a covering area of 133,000m², had been completed and put into production. The base is equipped with more than 70 sets first-class processing equipments and testing equipments, including Czech SKODA floor-type boring and milling machining center, Japanese NIIGATA FMS flexible machining system, Japanese KURAKI planer table-type boring and milling machining center, Japanese Mitsubishi Gantry pentahedron machining center, Japanese OKUMA CNC lathe, Italian HEXAGON CMM three-coordinate measuring machine. It can achieve an annual production capacity of more than 6,000 sets injection molding machines.

SOUND successfully launched the 3rd generation high-efficiency precision universe series (UN), dual-plate series (DP), full electric series (FE), electric mixed hydraulic series (EMH), extrusion-injection integrated series for large volume (GJ), multi-component series and nearly 100 special models machine. The clamping force of machines is from 1,000KN to 90,000KN, and shot weight is from 100g to 2100,000g. SOUND had exported the injection molding machines to more than 60 countries and regions such as Japan, France, Saudi Arabia, India, Indonesia, Russia and USA.



High Efficiency
高效



Energy Saving
节能



Environmental Friendly
环保

**Beyond
Innovate
Quick response
Reasonable price**

技术参数表
Specification

| 说明 DESCRIPTION | 单位 UNIT | UN180-EPIII | UN230-EPIII | UN270-EPIII | UN300-EPIII | UN350-EPIII | UN420-EPIII | UN530-EPIII |
|-------------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 国际公认型号 International Size Rating | | 600 | 900 | 1400 | 1800 | 2300 | 2700 | 3450 |

射胶系统 INJECTION UNIT

| | | | | | | | | |
|-------------------------------|--------------------|------|------|------|------|-------|------|-------|
| 螺杆直径 screw specification | mm | 53 | 60 | 67 | 75 | 80 | 85 | 95 |
| 螺杆长径比 Screw L:D ratio | | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| 理论注射容积 Shot volume | cm ³ | 496 | 707 | 1058 | 1436 | 1759 | 2128 | 3012 |
| 实际注射量(PS) Shot weight(PS) | g | 576 | 820 | 1227 | 1666 | 2041 | 2468 | 3494 |
| | oz | 20.3 | 28.9 | 43.3 | 58.7 | 72.0 | 87.1 | 123.3 |
| 射胶压力 Injection pressure | Bar | 1271 | 1293 | 1372 | 1288 | 1313 | 1260 | 1152 |
| 注射速率 Injection rate | cm ³ /s | 260 | 325 | 421 | 448 | 550 | 573 | 729 |
| 塑化能力 Plasticizing capacity | g/s | 53.6 | 60.7 | 75.1 | 84.7 | 106.3 | 104 | 142.0 |
| 螺杆最大转速 Max.screw speed | r/min | 180 | 160 | 169 | 138 | 138 | 115 | 114 |

锁模系统 CLAMPING UNIT

| | | | | | | | | |
|--|-----|---------|---------|---------|---------|---------|---------|---------|
| 锁模力 Clamping force | KN | 1800 | 2300 | 2700 | 3000 | 3500 | 4200 | 5300 |
| 拉杆内间距(H×V) Space between bars(H×V) | mm | 520X470 | 570X520 | 620X570 | 670X620 | 730X670 | 770X720 | 870X820 |
| 最小模具外形(H×V) MIN.mold dimension(H×V) | mm | 380X380 | 430X430 | 450X450 | 500X500 | 550X550 | 600X600 | 650X650 |
| 移模行程 Opening stroke | mm | 460 | 520 | 560 | 610 | 660 | 740 | 850 |
| 最小模厚 Min.mold height | mm | 200 | 220 | 250 | 250 | 250 | 300 | 350 |
| 最大模厚 Max.mold height | mm | 550 | 570 | 600 | 650 | 700 | 750 | 800 |
| 模板最大距离 Distance between platens(daylight) | mm | 1010 | 1090 | 1160 | 1260 | 1360 | 1490 | 1650 |
| 顶行程 Ejector stroke | mm | 130 | 150 | 160 | 180 | 190 | 220 | 250 |
| 顶出力 Ejector force | KN | 67 | 99 | 124 | 124 | 124 | 151 | 166 |
| 顶出杆数 Number of ejector | Pcs | 5 | 9 | 7 | 7 | 7 | 11 | 11 |

动力/电热 POWER UNIT

| | | | | | | | | |
|---------------------------|-----|------|------|------|------|------|------|-----|
| 油压系统压力 System pressure | Bar | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| 油泵马达功率 Pump motor | kW | 22 | 30 | 37 | 37 | 45 | 45 | 55 |
| 电热功率 Heating capacity | kW | 17.0 | 22.0 | 25.0 | 28.0 | 32.0 | 38.0 | 43 |

其它 GENERAL

| | | | | | | | | |
|----------------------------------|-------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|
| 油箱容量 Oil tank capacity | L | 200 | 240 | 300 | 400 | 400 | 500 | 650 |
| 外形尺寸 Machine dimension(L×W×H) | m×m×m | 5.5x1.3x2.0 | 6.0x1.4x2.2 | 6.5x1.5x2.2 | 7.0x1.6x2.3 | 7.5x1.7x2.4 | 8.2x1.85x2.4 | 8.4x2.1x2.4 |
| 机器重量 Machine weight | t | 5.5 | 7 | 8 | 9 | 12.5 | 16 | 19.5 |
| 料斗容积 Hopper capacity | kg | 50 | 50 | 75 | 75 | 75 | 100 | 100 |