

# N

## N 系列射出成型機 HR-N Series Injection Molding Machine



| 機型 Model                       |                      |  | HR-1020SN    |       |       | HR-1020N   |      |      | HR-1020LN   |      |      | HR-1320SN    |      |      | HR-1320N    |      |      | HR-1320LN    |       |       | HR-1620SN   |       |       | HR-1620N     |       |       | HR-1620LN    |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
|--------------------------------|----------------------|--|--------------|-------|-------|------------|------|------|-------------|------|------|--------------|------|------|-------------|------|------|--------------|-------|-------|-------------|-------|-------|--------------|-------|-------|--------------|--|--|--|--|--|------|--|--|--|--|--|------|--|--|--|--|--|
| 國際型號 Intl. Model               |                      |  | 10200-6450   |       |       | 10200-8950 |      |      | 10200-12570 |      |      | 13200-8950   |      |      | 13200-12570 |      |      | 13200-15910  |       |       | 16200-12570 |       |       | 16200-15910  |       |       | 16200-20350  |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 項目 Item                        | 單位 Unit              |  | S            | M     | L     | M          | L    | M    | L           | M    | L    | M            | L    | M    | L           | M    | L    | M            | L     | M     | L           | M     | L     | M            | L     | M     | L            |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 螺桿直徑 Screw Dimension           | mm                   |  | 90           | 100   | 110   | 110        | 120  | 120  | 130         | 110  | 120  | 120          | 130  | 130  | 140         | 120  | 130  | 130          | 140   | 140   | 155         | 140   | 155   | 140          | 155   | 140   | 155          |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 射出壓力 Injection Pressure        | kg/cm <sup>2</sup>   |  | 2206         | 1787  | 1476  | 1778       | 1494 | 1711 | 1458        | 1778 | 1494 | 1711         | 1458 | 1713 | 1477        | 1711 | 1458 | 1713         | 1477  | 1706  | 1392        | 1706  | 1392  | 1706         | 1392  | 1706  | 1392         |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 射出容積 Shot Volume               | cm <sup>3</sup>      |  | 2926         | 3612  | 4371  | 5036       | 5994 | 7351 | 8627        | 5036 | 5994 | 7351         | 8627 | 9291 | 10775       | 7351 | 8627 | 9291         | 10775 | 11930 | 14623       | 11930 | 14623 | 11930        | 14623 | 11930 | 14623        |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 射出重量 Shot Weight(PS)           | g                    |  | 2663         | 3287  | 3978  | 4583       | 5454 | 6889 | 7851        | 4583 | 5454 | 6889         | 7851 | 8455 | 9805        | 6889 | 7851 | 8455         | 9805  | 10856 | 13307       | 10856 | 13307 | 10856        | 13307 | 10856 | 13307        |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 射出重量 Shot Weight(PS)           | oz                   |  | 93.9         | 115.9 | 140.3 | 161        | 192  | 235  | 276         | 161  | 192  | 235          | 276  | 297  | 345         | 235  | 276  | 297          | 345   | 382   | 468         | 382   | 468   | 382          | 468   | 382   | 468          |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 射出率 Injection Rate             | cm <sup>3</sup> /sec |  | 520          | 642   | 777   | 804        | 957  | 1028 | 1207        | 804  | 957  | 1028         | 1207 | 1162 | 1348        | 1028 | 1207 | 1162         | 1348  | 1390  | 1704        | 1390  | 1704  | 1390         | 1704  | 1390  | 1704         |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 鎖模力 Clamping Force             | Tons                 |  | 1020 (1200)  |       |       |            |      |      | 1320 (1400) |      |      |              |      |      | 1620 (1700) |      |      |              |       |       |             |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 大柱間距 Tie Bar Distance (HxV)    | mm                   |  | 1155x1155    |       |       |            |      |      | 1310x1310   |      |      |              |      |      | 1510x1360   |      |      |              |       |       |             |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 開模行程 Opening Stroke            | mm                   |  | 1200         |       |       |            |      |      | 1305        |      |      |              |      |      | 1520        |      |      |              |       |       |             |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 模厚範圍 Mold Thickness            | mm                   |  | 400-1300     |       |       |            |      |      | 450-1400    |      |      |              |      |      | 450-1400    |      |      |              |       |       |             |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 模板尺寸 Mold Platen (HxV)         | mm                   |  | 1695x1695    |       |       |            |      |      | 1900x1900   |      |      |              |      |      | 2180x2030   |      |      |              |       |       |             |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 頂出行程 Ejector Stroke            | mm                   |  | 280          |       |       |            |      |      | 300         |      |      |              |      |      | 340         |      |      |              |       |       |             |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 模具穴 Mold Hole                  | mm                   |  | 160          |       |       |            |      |      | 180         |      |      |              |      |      | 180         |      |      |              |       |       |             |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 電機馬達 Pump Motor                | HP                   |  | 40+75        |       |       | 40+100     |      |      | 40+60+75    |      |      | 40+100       |      |      | 40+60+75    |      |      | 50+75x2      |       |       | 40+60+75    |       |       | 50+75x2      |       |       | 60+75+100    |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 溫控段數 Number of Heating Zones   | Zones                |  | 6            |       |       | 6          |      |      | 7           |      |      | 6            |      |      | 7           |      |      | 8            |       |       | 7           |       |       | 8            |       |       | 8            |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 電熱容量 Total Heating Wattage     | kW                   |  | 44.4         |       |       | 62         |      |      | 75.1        |      |      | 62           |      |      | 75.1        |      |      | 75.8         |       |       | 75.1        |       |       | 75.8         |       |       | 88           |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 系統壓力 System pressure           | kg/cm <sup>2</sup>   |  | 140          |       |       |            |      |      | 140         |      |      |              |      |      | 140         |      |      |              |       |       | 140         |       |       |              |       |       |              |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 油箱容量 Oil Capacity              | L                    |  | 1220         |       |       |            |      |      | 1600        |      |      |              |      |      | 1900        |      |      |              |       |       | 2200        |       |       |              |       |       | 1900         |  |  |  |  |  | 2200 |  |  |  |  |  | 2600 |  |  |  |  |  |
| 機械尺寸 Machine Dimension (LxWxH) | m                    |  | 12.5x2.6x2.7 |       |       | 13x2.7x2.7 |      |      | 14x2.8x2.7  |      |      | 13.5x2.8x2.8 |      |      | 14x2.9x2.8  |      |      | 14.2x2.9x2.8 |       |       | 15x3.2x3.2  |       |       | 15.2x3.2x3.2 |       |       | 15.4x3.2x3.2 |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 機械重量 Machine Weight            | Tons                 |  | 53           |       |       | 56         |      |      | 60          |      |      | 69           |      |      | 80          |      |      | 87           |       |       | 92          |       |       | 100          |       |       | 109          |  |  |  |  |  |      |  |  |  |  |  |      |  |  |  |  |  |

| 機型 Model                       |                      |  | HR-1920SN    |       | HR-1920N    |       | HR-1920LN    |       | HR-2400SN    |       | HR-2400N    |       | HR-2400LN    |       | HR-3000SN   |       | HR-3000N    |       | HR-3000LN    |       | HR-4000SN   |       | HR-4000N     |       |              |       |
|--------------------------------|----------------------|--|--------------|-------|-------------|-------|--------------|-------|--------------|-------|-------------|-------|--------------|-------|-------------|-------|-------------|-------|--------------|-------|-------------|-------|--------------|-------|--------------|-------|
| 國際型號 Intl. Model               |                      |  | 19200-15910  |       | 19200-20350 |       | 19200-29610  |       | 24000-20350  |       | 24000-29610 |       | 24000-38510  |       | 30000-29610 |       | 30000-38510 |       | 30000-54630  |       | 40000-38510 |       | 40000-54630  |       |              |       |
| 項目 Item                        | 單位 Unit              |  | M            | L     | M           | L     | M            | L     | M            | L     | M           | L     | M            | L     | M           | L     | M           | L     | M            | L     | M           | L     | M            | L     | M            | L     |
| 螺桿直徑 Screw Dimension           | mm                   |  | 130          | 140   | 140         | 155   | 160          | 175   | 140          | 155   | 160         | 175   | 175          | 190   | 160         | 175   | 175         | 190   | 205          | 215   | 175         | 190   | 205          | 215   | 205          | 215   |
| 射出壓力 Injection Pressure        | kg/cm <sup>2</sup>   |  | 1713         | 1477  | 1706        | 1392  | 1683         | 1407  | 1706         | 1392  | 1683        | 1407  | 1685         | 1430  | 1683        | 1407  | 1685        | 1430  | 1655         | 1505  | 1685        | 1430  | 1655         | 1505  | 1655         | 1505  |
| 射出容積 Shot Volume               | cm <sup>3</sup>      |  | 9291         | 10775 | 11930       | 14623 | 17592        | 21046 | 11930        | 14623 | 17592       | 21046 | 22850        | 26935 | 17592       | 21046 | 22850       | 26935 | 33006        | 36305 | 22850       | 26935 | 33006        | 36305 | 33006        | 36305 |
| 射出重量 Shot Weight(PS)           | g                    |  | 8455         | 9805  | 10856       | 13307 | 16009        | 19152 | 10856        | 13307 | 16009       | 19152 | 20793        | 24511 | 16009       | 19152 | 20793       | 24511 | 30035        | 33037 | 20793       | 24511 | 30035        | 33037 | 30035        | 33037 |
| 射出重量 Shot Weight(PS)           | oz                   |  | 297          | 345   | 382         | 468   | 563          | 674   | 382          | 468   | 563         | 674   | 732          | 863   | 563         | 674   | 732         | 863   | 1059         | 1165  | 732         | 863   | 1059         | 1165  | 1059         | 1165  |
| 射出率 Injection Rate             | cm <sup>3</sup> /sec |  | 1162         | 1348  | 1390        | 1704  | 1853         | 1977  | 1390         | 1704  | 1653        | 1977  | 1920         | 2263  | 1653        | 1977  | 1920        | 2263  | 2469         | 2715  | 1920        | 2263  | 2469         | 2715  | 2469         | 2715  |
| 鎖模力 Clamping Force             | Tons                 |  | 1920 (2000)  |       |             |       |              |       | 2400         |       |             |       |              |       | 3000        |       |             |       |              |       | 4000        |       |              |       |              |       |
| 大柱間距 Tie Bar Distance (HxV)    | mm                   |  | 1710x1530    |       |             |       |              |       | 2010x1800    |       |             |       |              |       | 2120x1950   |       |             |       |              |       | 2220x2100   |       |              |       |              |       |
| 開模行程 Opening Stroke            | mm                   |  | 1610         |       |             |       |              |       | 1890         |       |             |       |              |       | 2150        |       |             |       |              |       | 2450        |       |              |       |              |       |
| 模厚範圍 Mold Thickness            | mm                   |  | 500-1500     |       |             |       |              |       | 600-1600     |       |             |       |              |       | 750-1800    |       |             |       |              |       | 800-2000    |       |              |       |              |       |
| 模板尺寸 Mold Platen (HxV)         | mm                   |  | 2470x2290    |       |             |       |              |       | 2810x2600    |       |             |       |              |       | 3000x2820   |       |             |       |              |       | 3180x3050   |       |              |       |              |       |
| 頂出行程 Ejector Stroke            | mm                   |  | 380          |       |             |       |              |       | 450          |       |             |       |              |       | 500         |       |             |       |              |       | 550         |       |              |       |              |       |
| 模具穴 Mold Hole                  | mm                   |  | 200          |       |             |       |              |       | 200          |       |             |       |              |       | 200         |       |             |       |              |       | 200         |       |              |       |              |       |
| 電機馬達 Pump Motor                | HP                   |  | 50+75x2      |       | 60+75+100   |       | 75+100x2     |       | 60+75+100    |       | 75+100x2    |       | 75x3+100     |       | 75+100x2    |       | 75x3+100    |       | 100x4        |       | 75x3+100    |       | 100x4        |       | 100x4        |       |
| 溫控段數 Number of Heating Zones   | Zones                |  | 8            |       | 8           |       | 9            |       | 8            |       | 9           |       | 9            |       | 9           |       | 9           |       | 9            |       | 9           |       | 9            |       | 9            |       |
| 電熱容量 Total Heating Wattage     | kW                   |  | 75.8         |       | 88          |       | 112          |       | 88           |       | 112         |       | 135          |       | 112         |       | 135         |       | 166          |       | 135         |       | 166          |       | 166          |       |
| 系統壓力 System pressure           | kg/cm <sup>2</sup>   |  | 140          |       |             |       |              |       | 140          |       |             |       |              |       | 140         |       |             |       |              |       | 140         |       |              |       |              |       |
| 油箱容量 Oil Capacity              | L                    |  | 2200         |       | 2600        |       | 3000         |       | 2600         |       | 3000        |       | 3500         |       | 3000        |       | 3500        |       | 4200         |       | 3500        |       | 4200         |       | 4200         |       |
| 機械尺寸 Machine Dimension (LxWxH) | m                    |  | 15.5x3.3x3.3 |       | 16x3.3x3.3  |       | 16.5x3.3x3.3 |       | 16.5x3.6x3.8 |       | 17x3.6x3.8  |       | 17.8x3.6x3.8 |       | 20x4.3x4.3  |       | 21x4.3x4.3  |       | 21.8x4.3x4.3 |       | 22x4.9x4.6  |       | 22.5x4.9x4.6 |       | 22.5x4.9x4.6 |       |
| 機械重量 Machine Weight            | Tons                 |  | 113          |       | 118         |       | 124          |       | 134          |       | 140         |       | 146          |       | 212         |       | 220         |       | 228          |       | 280         |       | 290          |       | 290          |       |

\* 本產品持續研發改進，規格之變更恕不另行通知。

\* Huarong is subject to modify the specification without pre- notify because of continuous improvement.

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