

JONWAI

SEW Series



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NEW GENERATION MODEL!! 全新世代機種呈現!!

REINFORCED MECHANICAL STRUCTURE 強化機構

1. 支柱應力形變降低20-25% 增加耐用度
 2. 曲肘面壓降低20-40%提高強度以增加曲肘壽命
 3. 強化曲肘布司及軸心可降低磨耗增加使用壽命
 4. 模板重新設計以降低模板變形量約25%並使模具受力均勻
 5. 模板加寬增加容模量達20-25% 可靈活使用各種模具, 300TON以上並增加開模行程
- Increased tie bar diameter 10% for high reliability(improved 20-25% tie bar stresses for higher reliability).
 - Bolster toggle strength 20% to extend life.
 - Lower pressure of toggle bush/pin to reduce wear.
 - Reforced platen design to lower 25% of platen deformation for even distribution of clamping force.
 - Wider platen and mold height to increase 20~25% space for mold loading. Effective management of machine and mold combination. Also increase opening stroke on 300~500ton model.



NEW HYDRAULIC DESIGN 全新油路設計

1. 獨立油壓導引控制系統
 2. 曲肘自動定量容積式潤滑
 3. 採低噪音高效率幫浦與壓力比例油壓系統以提高成型精度與穩定度
- Independent hydraulic control system.
 - Automatic volumic toggle lubrication system.
 - Low noise & high efficient pump and proportional valve control to lower defective rate and improve stability.

ASYNCHRONOUS SERVO MOTOR POWER SAVING SYSTEM!! 同步伺服電機省電系統

1. 採用歐洲知名品牌變頻器
 2. 採齒輪幫浦以達高響應, 低噪音且易於維護
 3. 速度閉迴路控制實現良好精密度與穩定度
 4. 內建直流電抗與RFI濾波器避免干擾
- Famous european brand driver.
 - With gear pump for fast response, low noise and easy maintenance.
 - Close loop speed control for high precision.
 - In-built dc electrical impedance and rfi wave filter to prevent interference.



機壁定位裝置(LPD) : 有效鎖定鎖模力

Locking position device: Effectively locking platen position and clamping force.

主動式機構保護裝置 (AMPD) :

主動偵測過高鎖模壓力防止機壁過負載

Active mechanical protection device (AMPD) :
Active protect over clamping force setting to avoid over loading of platen.

勻致的鎖模力分布以及優化的模板變形量能有效減少因局部機壁變形造成的成型不良

Even distribution of clamping force and optimized platen deformation to decrease defective rate during production.



機構強化設計 Reinforced mechanical design

- 強化設計的曲肘軸心以及布司: 有效延長壽命
Hardened toggle bush/pin design with extension reliability.
- 優化曲肘結構: 有效降低20%開關模時間並提升往復定位精度
Optimized toggle design to reduce 20% of dry cycle and enhance mold open/close repeatability.

更寬廣的容模空間: 加大支柱內距及模厚, 有效提高20-25%容模空間, 進而實現合理的成型匹配及效率

Wider tie bar distance and mold height to increase 20~25% space of mold loading for highly efficiency of mach ation.

強化機械底座設計 (300-500ton) 有效減少震動變形, 以實現高速開關模動作

Bolstered machine base for minimized vibration to reach fast mold open/close operation.

SEW SPECIFICATION 機型規格

MODELS		JW-120SEW	JW-180SEW	JW-220SEW	JW-250SEW	JW-300SEW	JW-400SEW	JW-500SEW	公制
CLAMPING FORCE	ton	120	180	220	250	300	400	500	閉模力
PLATEN SIZE(H*V)	mm	720×620	830×730	890×790	1020×870	1130×950	1230×1070	1340×1200	模板大小
TIE BAR DIS (H*V)	mm	510×410	580×480	620×520	730×580	810×630	880×720	960×820	支柱內距
OPEN DAYLIGHT	mm	510-910	600-1100	650-1200	800-1310	900-1550	1080-1800	1220-1950	模厚調整
MOLD HIGHT (MIN-MAX)	mm	150-550	150-650	150-700	250-760	250-900	280-1000	320-1050	模厚
EJECTOR STROKE	mm	100	130	150	160	180	230	250	托模行程

INJECTION UNIT		i12e			i18e			i22e			i25e			i30e			i40e			i50e			射出系統
SCREW DIAMETER	mm	38	42	45	50	55	60	55	60	65	60	65	70	65	70	75	70	75	80	75	85	95	螺桿直徑
INJECTION CAPACITY	cm3	192	235	270	471	570	678	617	735	862	791	929	1077	1028	1193	1369	1385	1590	1809	1811	2326	2906	理論射出容積
SHOT SIZE(PS)	gr	170	208	238	416	503	599	546	649	730	699	821	952	908	1054	1210	1224	1405	1599	1601	2056	2569	射出重量
INJECTION PRES.(MAX)	kg/cm2	2402	1966	1713	2394	1978	1662	2428	2040	1738	2288	1949	1681	2173	1873	1632	2213	1928	1695	2321	1807	1447	射出壓力



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