

"筌筌" 注塑机

TSUENSAINT SERIES INJECTION MOLDING MACHINE



"筌筌" 压铸机

TSUENSAINT SERIES DIE-CASTING MACHINE



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大型冲压自动化方案解决专家

LARGE POWER PRESS  
AUTOMATION SOLUTIONS EXPERTS

NINGBO TSUENSAINT TECHNOLOGY DEVELOPMENT CO.,LTD. 宁波筌筌科技发展有限公司



# TSUEN SAINT 荃笙

## HIGH PRECISION POWER PRESS

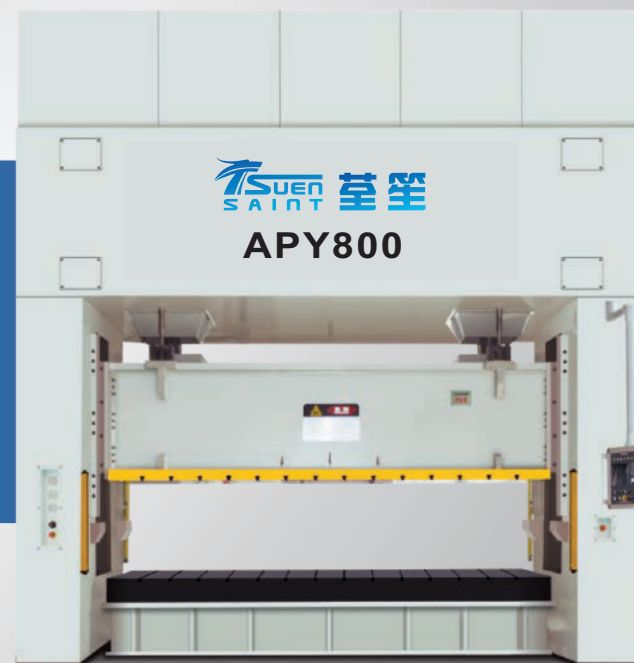


宁波荃笙科技发展有限公司，专心致力于高精冲压机床设备的集研发、设计、生产、销售和服务，主营产品包含各类开式、闭式单/双点机械式、伺服冲床和高速冲床近20个系列，涵盖了从25吨到2500吨等30多种规格的机型。产品广泛应用于新能源、家电制造、仪器仪表、汽车配件、电机制造、电器制造、医疗器械、五金等金属制品加工领域。凭借公司二十多年的专业制造高精冲压机床技术经验及创新能力，公司科研技术团队能够为用户提供个性化工程设计和冲压集成解决的专业方案与服务。

NINGBO TSUENSAINT TECHNOLOGY DEVELOPMENT CO.,LTD. is dedicated to the R&D, design, manufacture, sales and service of high-precision presses. The products cover mechanical and servo presses with gap frame, C-frame, single/double points structure and high-speed presses, nearly 20 series, more than 30 types of models with capacity from 25 tons to 2,500 tons. Products are widely used in new energy, home appliance manufacturing, instrumentation, auto parts, motor manufacturing, electrical manufacturing, medical equipment, hardware and other metal processing fields. Relying on the professional experience of more than 20 years in metal stamping and innovation capabilities, our technical teams are able to provide customers with professional solutions and services for personalized engineering design and stamping integration solutions.

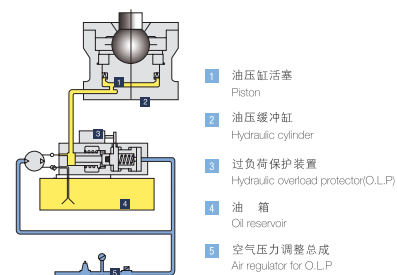


# Double Crank Precision Press Machine 双曲柄精密冲床



AMT Press international degree superb quality  
AMT·冲压/国际等级 先锋品质

- The advance technical optimized structure of machine
- The machine body is welded high quality steel sheet and treated by tension elimination
- The key parts are treated by hard chrome plated/nitrogen
- Adopted well known controller/driving unit/electromagnetism clutch/equipments,bearing etc
- International technology class for press machine, measures machine specification
- 融合欧美、日本先进技术/机能结构CAE动态仿真优化设计
- 高刚性床身优质钢仿形焊制或整体铸造件回火 / 振动应力处理
- 齿轮、曲轴等主关零部件经硬镀铬/氮化 / 研磨高标准工艺处理
- 高性能控制器 / 驱动部件 / 电磁离合器 / 汽动元件、轴承等高端配置
- 国际冲压设备技术等级，机器指标的测验



- When an overload occurs, the hydraulic overload protector stops the press immediately in order to protect the press and the die, whilst the oil inside the hydraulic cylinder returns to the oil reservoir. to reset the "overload" the slide is inched to top dead center and the hydraulic overload pump will automatically repressurize the overload protection system and bring the press back to operation ready status. in the event of jamming, the problem can be solved by manually releasing the hydraulic pressure in hydraulic cylinder.
- 滑块施力点，悬吊位置下设有液压缓冲气缸，当过负荷发生时，液压缸内压力瞬间降到零，同时冲床离合器脱离，并启动刹车器，使滑块停止运动，完成机器、模具保护动作。当过负荷状况排除后，油缸泵浦会自动迅速补充液压恢复原状。当卡模现象发生时，可强制将液压缓冲缸内之油压泄除，卡模现象可顺利解除。

Robotization control system project on AMT · press(options)

- High quality & high response multi-function processor
  - High memory / program with specialized design
  - Shift driving with high integration multishaft / spreading automatic equipments
  - LCD man-machine interface / high frequency response control / Connection terminal of international website & USB
- Optional: DC shift driving / frequency shift driving / servo shift driving / closed loop / spreading capacity / LCD

### AMT·冲压/数字控制系统方案(备选)

- 高响应多功能叠加扩容 / 高品质工控处理器
  - 高内存级模块 / 个性设计特许软件编制
  - 高兼容多轴向变速驱动 / 自动化装备线机载扩展
  - 高智能人机界面 / 高频响实时控制 / 以太网&USB端口
- (个性备选—调速马达驱动 / 变频马达驱动 / 伺服马达驱动 / 闭环动能 / 控制扩展 / 示屏等级)

规格	Specification	单位	APY-100	APY-150				APY-200				APY-260				APY-300				APY-400				APY-500				APY-600				APY-800				APY-1000				APY-1200	APY-1600				
吨数	Capacity	Tons	100	150	150	150	150	200	200	200	200	260	260	260	260	300	300	300	300	400	400	400	400	500	500	500	500	600	600	600	600	800	800	800	800	1000	1000	1000	1000	1200	1600				
能力发生位置	Rated tonnage point (above B.D.C)	mm	4	6	10	6	10	5	7	5	7	6	9	6	9	7	9	7	9	7	9	7	9	9	13	9	13	8	12	8	12	13	9	13	9	13	9	13	9	13	13	13			
行程	Stroke length	mm	50	100	300	100	300	150	300	150	300	200	300	200	300	250	350	250	350	300	400	300	400	250	400	250	400	300	350	300	350	350	300	350	300	400	300	350	300	400	400	400			
每分钟行程数	Stroke per minute	s.p.m	80-150	40-100	15-30	40-70	15-30	30-70	20-30	30-70	20-30	30-60	20-30	30-60	20-30	30-50	20-30	30-50	20-30	20-40	15-25	20-40	16-24	16-35	15-24	16-35	15-24	20-35	15-30	20-35	15-30	10-20	15-25	10-20	15-25	10-20	15-25	10-20	15-25	10-20	15-25	10-20	15-25		
最大闭合工作高度	Die height(S.D.A.U)	mm	300	400	600	500	600	450	500	450	500	500	550	500	550	550	650	550	650	650	700	650	700	600	840	600	840	700	900	700	900	900	800	900	800	1000	900	1000	900	1200	1200				
最大上模重量 (空气压5kg/cm²)	Maximum counterbalancer capacity	kg	1000	800	1500	800	1500	2000		1500		2000		1500		2000		2500		3200		4000		3500		4800		4000		5500		6000	6000	8000	8000	7500	7500	9000	9000	12000	15000				
滑块调整量	Slide adjustment	mm	80	125				125				150				150				150				150	250	150	250	200	250	200	250	250				250				300	300				
上工作台尺寸	Slide area(L.R×F.B)	mm	1050×850	1500×800		2100×1200		1650×1100		1850×1100		1850×1150		2150×1150		2150×1200		2500×1300		2500×1300		3400×1300		3200×1400		3600×1400		3600×1400		4600×1500		4500×1600		5000×1600		4500×1600		5000×1600		5000×1800		5000×1800			
下工作台尺寸	Bolster area (L.R×F.B)	mm	1200×950	1500×900		2100×1200		1800×1200		2000×1200		2000×1250		2300×1250		2150×1300		2500×1400		2500×1400		3400×1400		3200×1500		3600×1500		3600×1500		4600×1500		4500×1600		5000×1600		4500×1600		5000×1600		5000×1800		5000×1800			
台盘厚度	Bolster thickness	mm	120	150				150				170				180				200				220				250				280		280		280		280		300	300	300	300	300	300
侧向开口	Slisde opening	FB×H	300×300	400×400		500×500		550×450		550×500		600×500		600×500		650×600		650×700		650×600		650×600		700×700		700×850		750×700		750×800		1000×900		1000×900		1000×1000		1000×1000		1200×1100		1200×1100			
工作面高度	Height of the top surface of bed from floor level	mm	850	950				950				950				950				950				950				1000				1000				700				700				800	800
工作能量	Work energy	kg·m	400	800	1500	800	1500	1200	2100	1200	2100	2700	3000	2700	3000	3100	3500	3100	3500	3600	4000	3600	4000	6000	8500	6000	8500	6000	9000	6000	9000	12000	10000	12000	10000	18000	10000	18000	10000	20000	28000	28000			
主电动机	Main motor	Kw×P	18.5×4	18.5×4				22×4				30×4				37×4				45×4				55×4				75×4				90×4				110×4				132×4		200×4			
滑块调整马达	Slide adjusting motor	Kw×P	0.75×4	1.5×4				1.5×4				2.2×4				2.2×4				3.7×4				3.7×6				7.5×4				15×4				15×4				18.5		18.5			
台身结构	Frame structure		一体式 one piece frame																三分割/一体式 tie rod type/one piece frame								三分割 tie rod type																		