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SONLY

U-TS SERIES



U98-3400TS
首力 U-TS系列

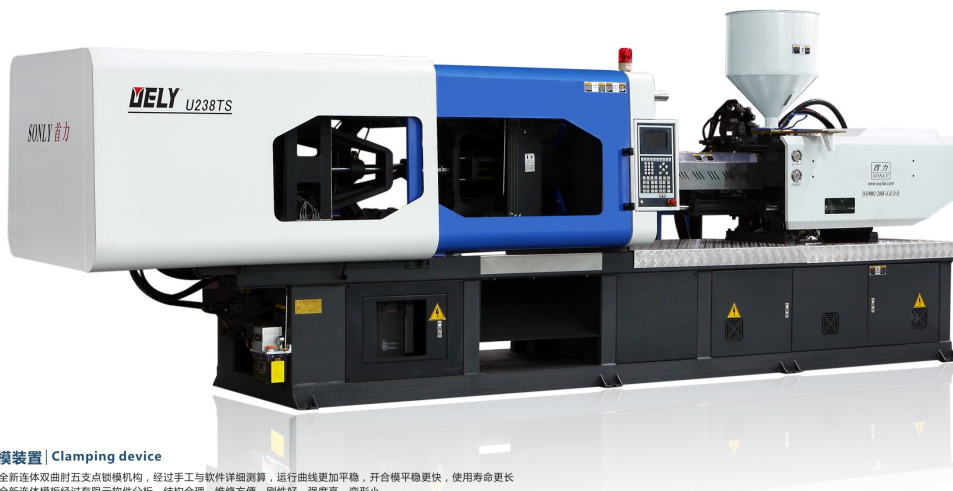
NINGBO DELY MACHINERY MANUFACTURING CO., LTD.

地址 (Add) : 宁波市慈东滨海区灵绪路288号
电话 (Tel) : 0574-63990188
传真 (Fax) : 0574-63780949
邮编 (Zip) : 315311
http : //www.ouyilai.com
E-mail : sales@ouyilai.com

样本做为宣传资料, 若存在差异, 以实物为准。
The sample is done for the propaganda materials, if there are differences, subject to material object.

中国·宁波

TS型注塑机



合模装置 | Clamping device

1. 全新连续双肘五支点锁模机构，经过手工与软件详细测算，运行曲线更加平稳，开合模平稳更快，使用寿命更长
2. 全新连续模板经过有限元软件分析，结构合理、维修方便、刚性高、强度高、变形小
3. 电子尺附装于十字头，速度控制更加敏捷，有利于保护模具
4. 润滑自动检测报警功能，可以有效的保证各节点润滑到位。
5. 透明式冷却水容量控制器
6. 与同级相比，我们拥有更大的拉杆内间距、容模量及开模行程，可以加工更大的塑料制品，机器的性价比高
7. 弓形模板，有效保护模具，尤其适用于大模板小模具的场合。

1. New conjoined hyperbolic elbow five fulcrum clamping mechanism, after a detailed calculation, manual and software running curve is more stable, smooth process is faster, and longer service life
2. New conjoined template through finite element analysis software, reasonable structure, convenient maintenance, good rigidity, high strength, small deformation
3. Electronic scale attached to cross, speed control is more agile, is conducive to protect the mould
4. Lubrication automatic detection alarm function, can effectively guarantee the lubrication of all nodes in place.
5. Transparent type cooling water volume controller
6. Compared with the same, we have a bigger bar spacing, molar volume and open mold, processing more plastic products, the high cost performance of the machine
7. Arched plate can protect mold effectively. Especially, in the mold is much smaller than plate situation.

注射装置 | The injection device

1. 桥式射台保证注射平稳，重复精度高
 2. 注射、保压压力闭环控制，保压精密控制
 3. 螺杆料筒上拆式结构，更换方便
 4. 高品质密封件有效保证压力与速度
1. the bridge beam injection ensure smooth, high repeat precision
 2. injection and holding pressure closed-loop control, precision back pressure control
 3. the structure of the screw on the cylinder demountable type, easy to change
 4. high quality seals, effectively guarantee the pressure and speed

精加工 | Finish Machining

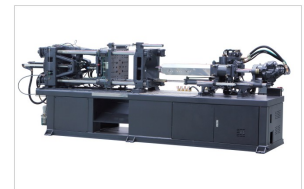
1. 90%以上零件完全自主加工，有效保证加工精度
 2. 大型加工中心、龙门铣等设备使我们完全有能力加工3400吨以下的设备
 3. ISO9001质量管理体系认证为企业质量再上新台阶
 4. 严格检验分工，使生产各个环节有效控制
1. more than 90% parts completely independent processing, effectively guarantee the processing precision
 2. large-scale machining center, gantry milling and other equipment to make us fully capable of processing 3400 tons of the following equipment
 3. ISO9001 quality management system certification, quality for the enterprise to build on a new level
 4. strict inspection division of labor, make the production each link control

液压装置 | Hydraulic equipment

1. 采用世界著名液压元件，有效保障系统可靠性
 2. 最新液压系统设计，使能耗更省，反映更敏捷，使用更方便
 3. 油温报警装置，有效控制油液温度，保护液压元件和机械密封件
 4. 可视化油口视窗，令油路的维护更可靠简单
 5. 油箱内部采用磁处理
 6. 所有机架经过专门软件分析，使机器刚性更好，受力更合理
1. using the world famous hydraulic components, the effective protection system reliability
 2. the latest hydraulic system design, make energy consumption province, reflect a more agile, it is more convenient to use.
 3. the oil temperature alarm device, effectively control the oil temperature, hydraulic components and mechanical seals
 4. visual oil window, make the oil more reliable and simple maintenance
 5. internal adopts pennis processing tank
 6. All frame specially analysis software, the machine better rigidity, bearing more reasonable

电控装置 | Electronic control unit

1. 采用伺服控制精密节能技术，可以节能70%以上
 2. 友好的操作界面
 3. 符合国际安全标准的电气回路设计
 4. 采用国际著名的电气元器件
 5. 多色报警装置，清晰显示机器状态
 6. 操作按钮箱采用自动定位功能专利，使用更加人性化
1. using energy-saving technology servo control precision, can energy saving more than 70%
 2. friendly operation interface
 3. comply with international safety standards of electrical circuit design
 4. adopt international famous electric components
 5. multicolor alarm device, clear display machine status
 6. patent operation button box adopts automatic positioning function, use more human



PROCESSING EQUIPMENT AREA 加工设备区

卓越的品质必须有好的技术和好的加工设备，欧意莱花巨资引进了同行领先的大型数控镗铣床、大型卧式龙门铣、加工中心、钣金激光切割机，确保生产的效率和精度。

Excellent quality must have good technology and good processing equipment to ensure it, so that OELY spend heavily in the introduction of peer-leading large CNC boring and milling machine, large-scale horizontal gantry milling machines, machining centers, sheet metal laser cutting machine and other equipment to ensure the efficiency and accuracy of the production.



钣金激光数控切割机 LASER CUTTING MACHINE



大型机加工区 LARGE MACHINING AREA

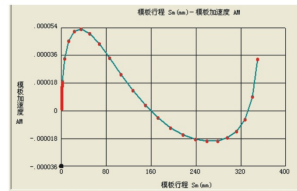
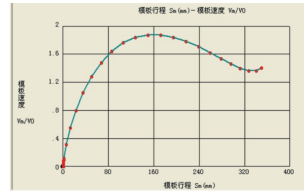
注塑机技术参数表

INJECTION MOLDING MACHINE TECHNOLOGY SPECIFICATION

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规格 SPECIFICATIONS 国际公认型号 INTERNATIONALLY RECOGNIZED MODEL 注射 INJECTION UNIT	U400TS			U438TS			U508TS			U590TS			U680TS				U780TS				U1080TS				U1280TS	
	2590			2690			3300			4260			4958				6716				8924				11526	
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D	A	B	C	D	A	B	C	D	A	
螺杆直径 SCREW DIAMETER	mm	70	75	80	75	80	85	80	85	90	85	90	95	90	95	100	110	90	100	110	120	100	110	120	130	110
螺杆长径比 SCREW L/D RATIO	L/D	23.6	22	20.6	23.5	22	20.7	23.4	22	20.8	23.3	22	20.8	23.2	22	20.9	19	24.4	22	20	18.3	24.2	22	20.2	18.6	24
理论注射容量 SHOT VOLUME	cm ³	1446.9	1661	1889.8	1727.1	1965	2218.3	1964.7	2218	2486.6	2388	2678	2983	2816	3138	3477	4207	2956	3650	4416	5256	4238	5129	6103	7163	5654
注射压力 INJECTION PRESSURE	Mpa	179.1	156	137.1	155.9	137	121.4	168	148.8	132.7	178.3	159	142.7	176	158	142.6	117.8	227.2	184	152.1	127.8	210.5	174	146.2	124.6	204.7
螺杆转速 SCREW SPEED	rpm	144				194				152				126		105				91				96		96
理论注射重量(p/s) SHOT WEIGHT	g	1317	1512	1720	1572	1788	2019	1788	2018	2263	2174	2437	2715	2562	2855	3164	3828	2689	3321	4018	4782	3856	4667	5553	6518	5145
理论注射重量(p/s) SHOT WEIGHT	oz	46.456	53.334	60.671	55.451	63.07	71.218	63.07	71.183	79.285	76.686	85.963	95.769	90.407	100.734	111.607	135.064	94.887	117.18	141.766	168.715	136.052	164.624	195.947	229.951	181.485
夹模力 CLAMPING FORCE	Kn	4000				4380				5080				5900		6800				7800				10800		12800
移模行程 TOSSEL STROKE	mm	710				740				775				850		930				1000				1220		1400
拉杆内间距 SPACE BETWEEN TIE BARS	mm	745*705				765*765				805*715				845*830		915*915				985*985				1160*1160		1260*1260
最大模厚 MAX MOULD HEIGHT	mm	750				780				800				850		900				1000				1250		1300
最小模厚 MIN MOULD HEIGHT	mm	240				280				290				300		320				350				480		530
顶出行程 EJECTION STROKE	mm	170				170				225				225		265				265				350		350
顶出力 EJECTOR FORCE	Kn	90				90				152				152		212				212				246		246
顶出杆数 EJECTOR NUMBER		12+1				12+1				12+1				12+1		16+1				20+1				20+1		20+1
模具孔直径 DIE HOLES DIAMETER	mm	200				200				200				200		200				250				250		250
系统压力 SYSTEM PRESSURE	Mpa	16				16				16				16		16				16				16		16
电机功率 MOTOR POWER	Kw	37				45				45				55		30+37				37+37				45+45		110
加热功率 HEATER POWER	Kw	33.6				33.6				38.3				42		60				70				90		97
油箱容积 OIL TANK CAPACITY	L	700				750				900				1000		1200				1400				1700		2200
机器重量(约) MACHINE WEIGHT	Ton	16				18				20				25		8+25				10+35				13+41		18+56
外形尺寸 (LxWxH) BOUNDARY DIMENSION	m	7.44*1.9*2.53				7.55*1.9*2.53				7.8*2.3*2.7				8.85*2.3*2.9		5*2.2*3.1 6*2.5*2.5				5*2.2*3.1 6.8*2.75*2.6				5.4*2.4*3.1 7.2*2.9*2.8		6.5*2.6*3.2 7.5*3.1*2.8
伺服驱动功率 SERVO DRIVER CAPACITY	Kw	37				22+45				22+45				22+45		37+45				45+45				37+37+37		30+45+45

参数如有更改，恕不另行通知。 Dimensions are subject to change without notice.



机软参数通过手工与软件详细验算
machine toggle parameters detailed checking by manual and software



成品区
Finished Product Area

注塑机技术参数表

INJECTION MOLDING MACHINE TECHNOLOGY SPECIFICATION

规格 SPECIFICATIONS 国际公认型号 INTERNATIONALLY RECOGNIZED MODEL 注射 INJECTION UNIT	U1400TS				U1680TS				U1800TS				U2000TS				U2400TS				U2600TS				U2800TS				U3400TS		U3400TS																																	
	11573								14366 I								21266 II								19593								19593								48105								59392								63000 I				78400 II			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	A																														
螺杆直径 SYSTEM DIAMETER	mm	110	120	130	140	120	130	140	150	170	130	130	140	150	160	170	170	185	200	210	220	220	240	240	240	240	240	240	240	240	240	240	240																															
螺杆长径比 SYSTEM L/D RATIO	L/D	24	22	20.3	18.9	23.8	22	20.4	19.1	22	23.7	23.7	22	20.5	19.3	23.9	23.9	22	20.4	19.4	22	22	22	22	22	22	22	22	22	22	22	22	22																															
理论注射容量 SHOT VOLUME	cm ³	5654	6729	7897	9158	7464	8760	10159	11662	22130	9950	9949.4	11539	13246.3	15071.3	26102	32231.2	38170	44610.7	49183.3	45000	56000	56000	56000	56000	56000	56000	56000	56000	56000	56000	56000																																
注射压力 INJECTION PRESSURE	Mpa	204.7	172	146.6	126.4	192.5	164	141.4	123.2	96.1	196.9	196.9	169.8	147.9	130	184.3	184.3	155.6	133.1	120.8	140	140	140	140	140	140	140	140	140	140	140	140																																
螺杆转速 SYSTEM SPEED	rpm	96				90				90				60				60				70				70				45				45																														
理论注射重量(p/s) SHOT WEIGHT	g	5145	6123	7186	8335	6792	7972	9245	10613	20138	9055	9054	10500	12054	13715	23753	29330	34735	40596	44757	40950	50960	50960	50960	50960	50960	50960	50960	50960	50960	50960	50960																																
理论注射重量(p/s) SHOT WEIGHT	oz	181.485	215.98	253.4	294	239.581	281.204	326.108	374.363	710.348	319.406	319.371	370.377	425.193	483.783	837.863	1034.586	1225.242	1431.983	1578.758	1444.47	1797.563	1797.563	1797.563	1797.563	1797.563	1797.563	1797.563	1797.563	1797.563	1797.563	1797.563																																
合模力 CLAMPING FORCE	Kn	14000				16800				16800				20000				24000				26000				34000				34000																																		
移模行程 TIE BARS STROKE	mm	1400				1600				1600				1910				1910				1870				1870				2150				2150																														
拉杆间距 SPACE BETWEEN TIE BARS	mm	1350*1300				1555*1430				1555*1430				1650*1600				1800*1620				1860*1710				1900*1800				2200*2000				2200*2000																														
最大模厚 MAX MOULD HEIGHT	mm	1300				1500				1500				1700				1700				1850				1850				1950				1950																														
最小模厚 MIN MOULD HEIGHT	mm	530				680				680				700				700				750				750				780				780																														
顶出行程 EJECTOR STROKE	mm	350				400				400				500				500				500				500				520				520																														
顶出力 EJECTOR FORCE	Kn	246				363				363				490				490				565				565				830				830																														
顶出杆数 EJECTOR NUMBER		20+1				28+1				28+1				28+1				32+1				32+1				32+1				32+1				32+1																														
模具孔直径 DIE HOLES DIAMETER	mm	250				315				315				315				315				315				315				315				315				315																										
系统压力 SYSTEM PRESSURE	Mpa	16				16				16				16				16				16				16				16				16																														
电机功率 MOTOR POWER	Kw	55+55				45+45+45				45+55+55				45+55+55				45+55+55				220				220				55+55+55+55+55				55+55+55+55+55																														
加热功率 HEATER POWER	Kw	97				118				140				140				140				180				180				220				220																														
油箱容积 OIL TANK CAPACITY	L	2200				2000				2000				3000				3000				3800				3800				5200				5200																														
机器重量(约) MACHINE WEIGHT	Ton	18+56				19+86				19+86				26+130				26+130				43+133				43+133				260				260																														
外形尺寸 (L×W×H) BOUNDARY DIMENSION	m	6.5*2.6*3.2 7.5*3.1*2.8				7*2.6*3.4 10.3*3.5*3.5				7*2.6*3.4 10.3*3.5*3.5				8*3.1*4.1 13*3.9*3.5				8*3.1*4.1 13*3.9*3.5				9.5*3.3*4.2 13*3.4*3.55				9.5*3.3*4.2 13*3.4*3.55				27*5.2*5.2				27*5.2*5.2																														
伺服驱动器功率 SERVO DRIVER CAPACITY	Kw	30+45+45				37+37+45+45				45*4				45*4				45*4				55*4				55*4				55*6				55*6																														

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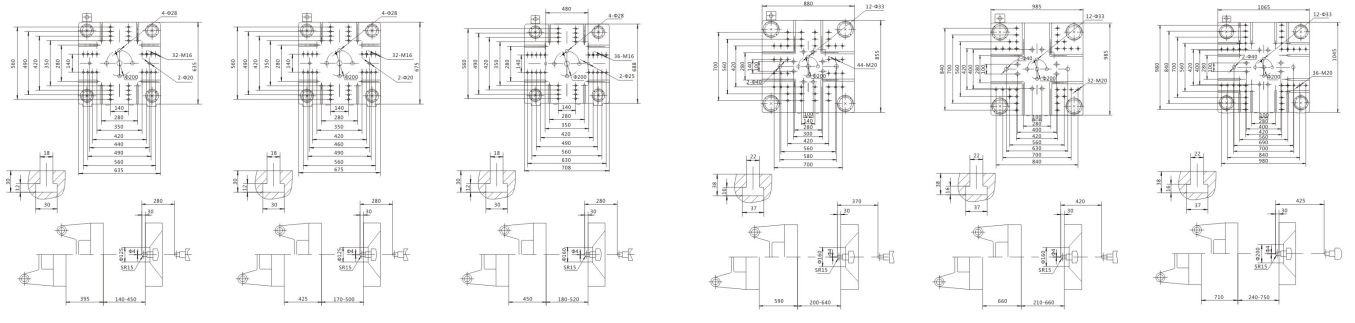
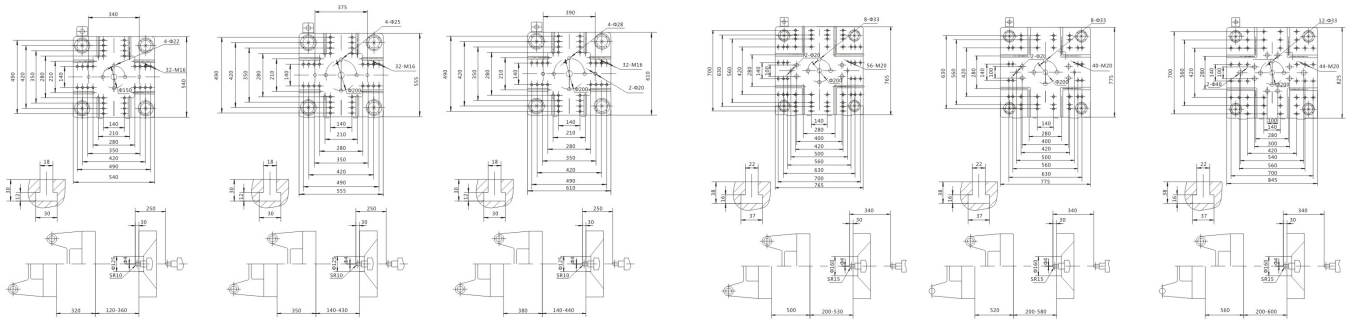
生产车间
PRODUCTION WORKSHOP



装配区
ASSEMBLY AREA

模板尺寸图 THE TEMPLATE SIZE CHART

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模板尺寸图 THE TEMPLATE SIZE CHART

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