

高速精密薄壁生产实例：

High speed thin wall package solution (food container for example)

	1000ml 圆形盖 1000ml Container Lid	1000ml 方形餐盒 1000ml Container	1000ml 方形餐盒盖 1000ml Container Lid
机械型号 Machine Model	TLG-280	TLG-360	TLG-420
合模力 Clamping Tonnage	2800	3600	4200
原料类型 Material	PP	PP	PP
模具腔数 Cavity	6	4	8
产品克重 Product Weight	7.3g	16.0g	7.5g
成型周期（带机械手取物） Cycle Time (Including Robot Picking Time)	4.8s	4.8s	4.8s

- 提供“交钥匙”工程系统解决方案，周期更短，产品更稳定
- 提供技术支持，一键式搞定生产端所有问题，省心省力，扩大利润
- Provide a whole solution, with shorter cycle time and more stable products
- Provide further technical support, to solve possible problems and bring more benefits



一次性勺子注塑包装全自动生产线生产实例：

Automatic production solution for disposable spoons:

机械型号 Machine Model	TLG-280
合模力 Clamping Tonnage	2800
原料类型 Material	PS
模具腔数 Cavity	32
产品克重 Product Weight	3.8g
成型周期 Cycle Time	7s

- 专为刀叉注塑开发的专业生产设备，产量更大，效率更高
- 注塑、包装一次成型，更省人工，更多利润
- 隐藏分形面，产品更优

- Customized for disposable spoons, knives and forks, offering greater output and higher efficiency
- Inject and pack one time to save input and increase output
- Hide fractal surface to optimize products



模内贴标生产实例：

IML solution:

机械型号 Machine Model	TLG-280
合模力 Clamping Tonnage	2800
原料类型 Material	PP
模具腔数 Cavity	4
产品克重 Product Weight	8.5g
成型周期 Cycle Time	4.5s

- 专业模内贴标生产，产品更稳定，废标率低至0.1%
- 标纸贴附位置精准，重复精度高，提升产品利润
- Customized for IML producing, to make more stable products and lower the label-waste rate to 0.1%
- Precise labeling positioning and high repetitional accuracy, to increase product interests



非凡的专业 成就卓越的品质

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TLG系列高速注塑机

TLG Series High Speed Injection Molding Machine

专业

科学管理、开拓创新
追求品质、取信客户

Professional

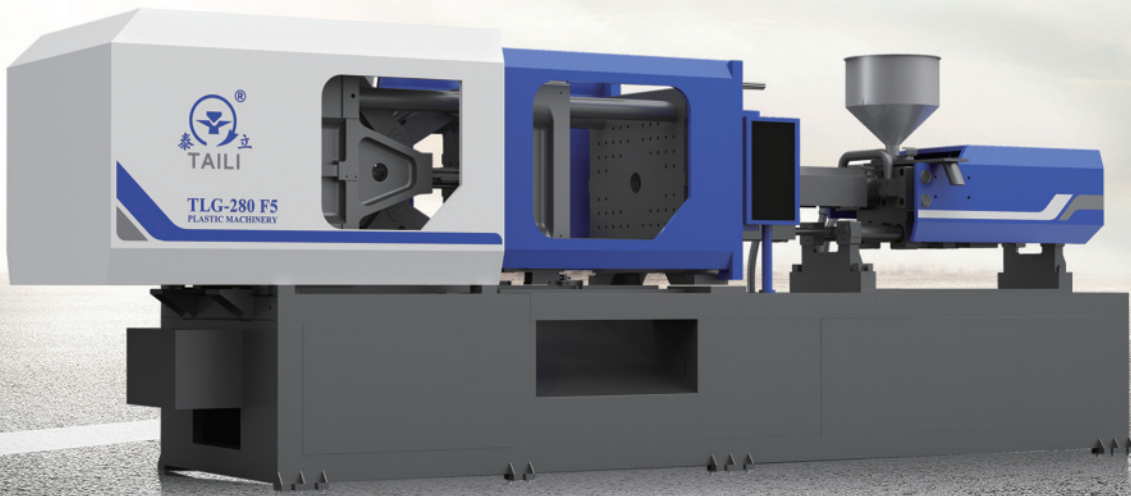
Scientific Management to Exploit Products
High Quality to acquire customers' Trusts

专注

以诚为本、以质取胜

Focused

Keep Faith, Pursue quality



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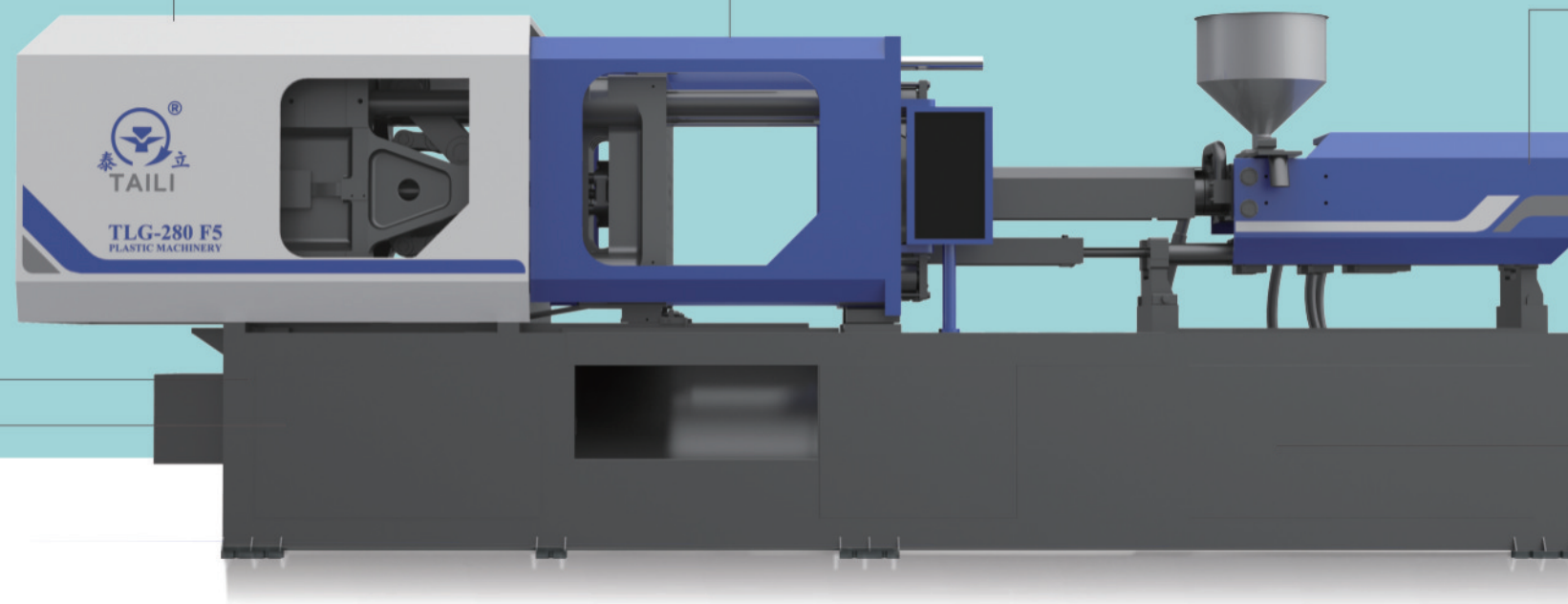
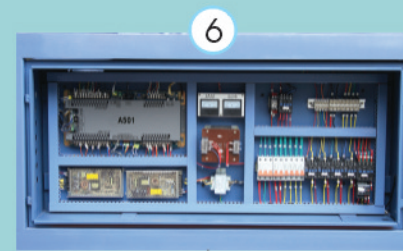
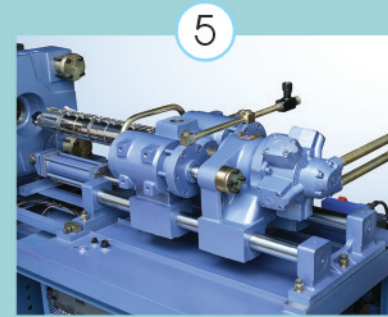
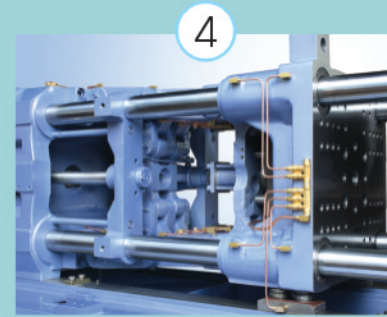
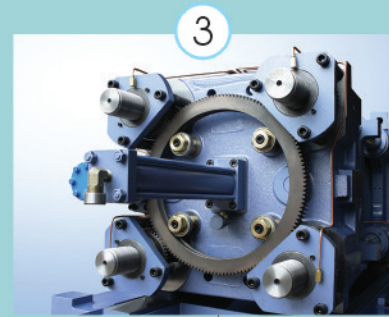
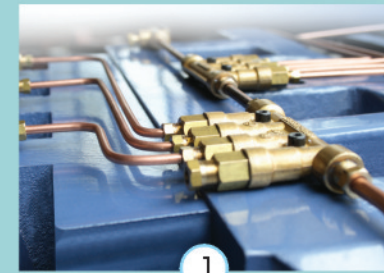
E-mail: sales@nb-taili.com

注：技术规格参数如有改动恕不另行通知

Our company reserves the right to modify the technical
parameters without notices.

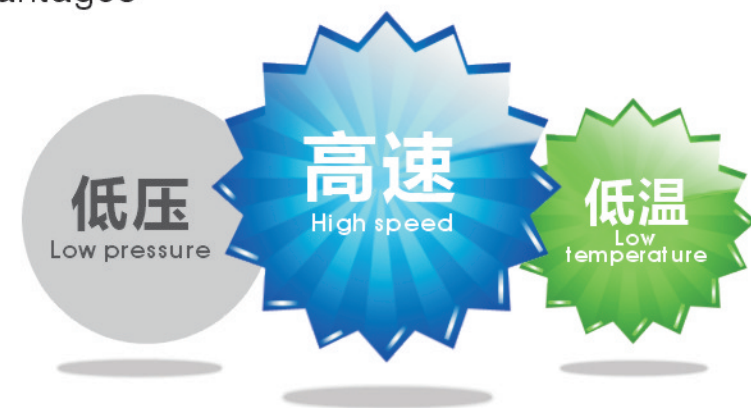
TLG系列高速注塑机

TLG Series High Speed Injection Molding Machine



三大优势

Three major advantages



- 低温: 节能可达30%~50%，储料温度更低，产品韧性更好，不发脆
- 低压: 注射压力更低，锁模压力更低，模具寿命更长，机械寿命更长，机械维修率更低
- 高速: 注射速度可以达到300~500mm/s

- Low temperature: energy saving up to 30%-50%, with lower temperature of storage material and make products tougher
- Low pressure: lower injection pressure and clamping pressure, longer mold life and machine life, lower maintenance rate
- High speed: injection speed reaches 300-500mm/s

1 润滑部件

- 优化油路设计，润滑更到位，手肘更耐用

Lubricating Unit

- Optimized oil circuit design; lubrication more in place and toggle more durable

2 液压部件

- 优化机械结构，开关模时间可短至1.5秒，重复定位精度仅为0.1mm

Hydraulic Unit

- Optimized mechanical structure; switching time as short as 1.5s and repetitive positioning accuracy up to 0.1 mm

3 调模部件

- 采用油马达调模
- 机身尾部装有机械限位块，防止调模时发生超行程

Mold Adjust Unit

- Oil motor adjustment employed
- Machine tail fitted with mechanical stopper to prevent over stroke during mold adjusting

4 合模部件

- 独特三板锁模结构，优化应力分布，使用寿命更长，更可靠
- 耐磨损、耐腐蚀、镀硬铬、高强度合金钢拉杆

Clamping Unit

- Unique three-plate clamping structure to optimize stress distribution, to longer working life
- Use wear-resistant, corrosion-resistant, hard chrome plated and high-strength steel rods

5 注射部件

- 注射部件优化，注射位置更精准
- 无氮气瓶加压注射，控制更精准

Injection Unit

- Optimized injection parts to make more precise injection positioning
- Nitrogen-free cylinder pressurized injection to make more precise control

6 控制部件

- 采用注塑机专用电脑
- 顶出、合模、注射动作采用线性位移传感器控制
- 实时监测各动作
- 对故障自动报警

Control Unit

- Specialized computer applied
- Selective linear displacement sensor adopted for ejecting, clamping and injection movements.
- Real-time monitor of each movement
- Automatic alarm of failures



薄壁包装专用机系列

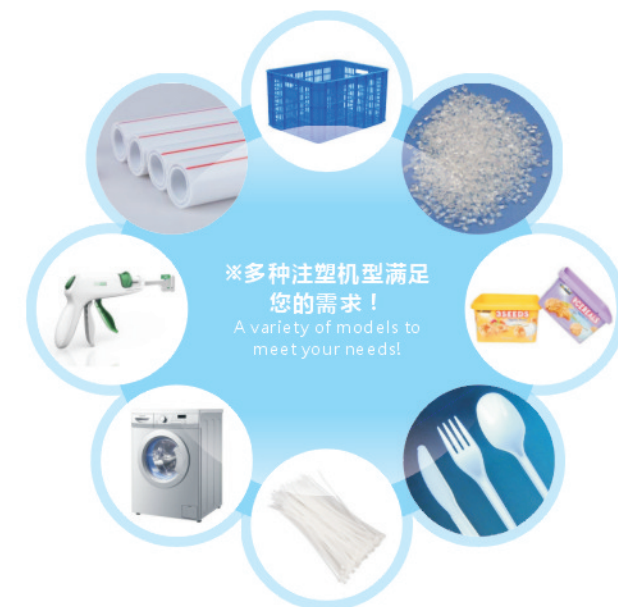
Thin-wall package machine series

项目 Item	单位 Unit	TLG156	TLG220	TLG280	TLG328	TLG360	TLG428	TLG580
注射重量 (PP) Injection Tonnage	g	20	30	40	50	60	70	80
合模力 Clamp Tonnage	kN	1560	2200	2800	3200	3600	4280	5800
移模行程 Toggle Stroke	mm	432	480	550	585	585	700	830
拉杆内间距 (WxH) Space between Tie Bars	mm	460x460	520x520	580x560	660x640	660x640	720x720	836x836
最大模厚 Max.Mold Height	mm	440	500	570	650	650	710	840
最小模厚 Min.Mold Height	mm	180	200	220	220	220	280	300
顶出行程 Ejector Stroke	mm	70	70	70	70	70	70	70
顶出力 Ejector Tonnage	kN	40	62	62	62	62	89	160
最大油泵压力 Max.Pump Pressure	Mpa	16	16	16	16	16	16	16
电热功率 Heater Power	kW	12.35	17.1	21.8	22.5	25.5	26.3	31.1
机器外形尺寸 (LxWxH) Machine Dimension	mxmxm	4.9x1.6x1.9	5.6x1.7x2.2	5.8x1.85x2.2	6.5x2.2x2.4	6.9x2.2x2.6	7.4x2.3x2.4	8.8x2.3x2.8
机器重量约 Machine Weight(app.)	t	5.8	8.1	9.2	14.5	16	18	23.5

打盖专用机系列

Lid machine series

项目 Item	单位 Unit	TLG268	TLG420
注射重量 (PP) Injection Tonnage	g	40	70
合模力 Clamp Tonnage	kN	2680	4200
移模行程 Toggle Stroke	mm	550	700
拉杆内间距 (WxH) Space between Tie Bars	mm	580x560	720x720
最大模厚 Max.Mold Height	mm	570	710
最小模厚 Min.Mold Height	mm	220	280
顶出行程 Ejector Stroke	mm	70	70
顶出力 Ejector Tonnage	kN	62	89
最大油泵压力 Max.Pump Pressure	Mpa	16	16
电热功率 Heater Power	kW	21.8	26.3
机器外形尺寸 (LxWxH) Machine Dimension	mxmxm	5.8x1.85x2.2	7.4x2.3x2.4
机器重量约 Machine Weight(app.)	t	9.2	18



※多种注塑机型满足您的需求！
A variety of models to meet your needs!

果筐专用机
Fruit basket machine

PC专用机
PC machine

模内贴标专用机
IML machine

刀叉专用机
Cutlery machine

尼龙扎带专用机
Nylon cable tie machine