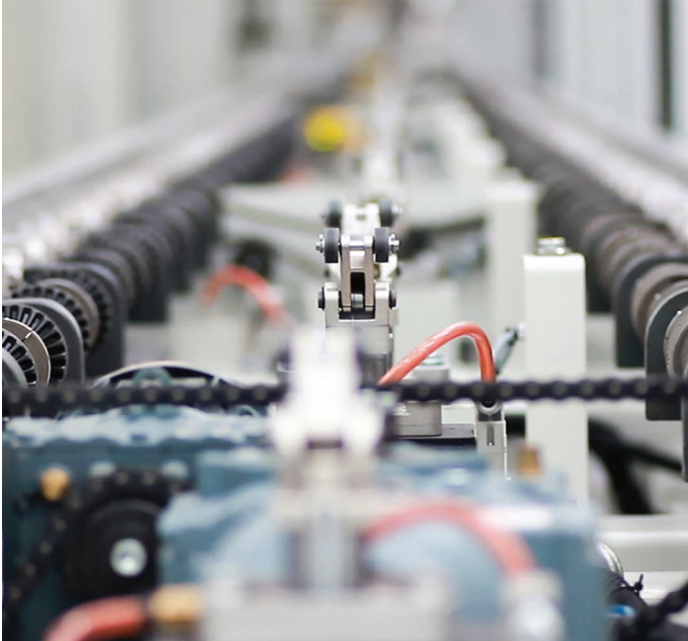




COMPANY INTRODUCTION

Ningbo Tailike Plastic Machinery Co., Ltd is a high-tech enterprise which specializes in producing injection molding machines. The Taili factory is made up of five workshops, namely Cast Machining Shop, Steel Parts Machining Shop, Frame Sheet and Metal Fabrication Shop, Installation & Adjustment Workshop and Painted Workshop.

Increase Output

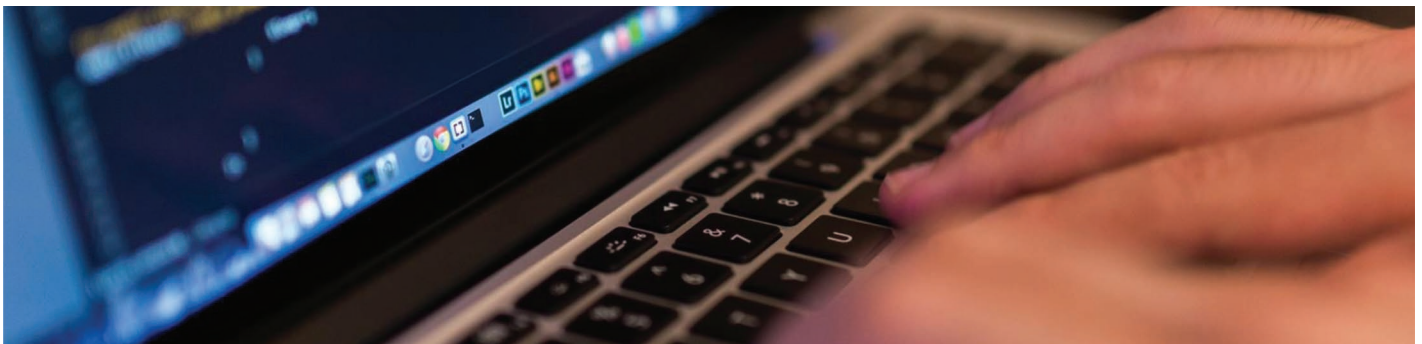
Taili's High Speed TLE series machines will decrease the customers' product cycle times by as much as 20%

Save Power

Taili's new series of injection moulding machine's use a servo system which saves electricity by 50-80%.

Less Jitter

High precision allows Taili machine's to move quickly and quietly. New technology ensures less machine jitter.



ASSEMBLY PROCESS ACCURACY

- 1 The process of assembling the machine also plays an essential role in its stability and working life.
- 2 We strictly measure the concentricity and degree of balance, to ensure plate parallelism reach 0.05mm.
- 3 Steel bush using the liquid nitrogen to assemble which ensure lubrication system will be stable for a long time.
- 4 The coupling jitter is less than 0.03mm.

Other machine(mm)	Hydraulic Injection Machine	Taili machine(mm)
0.15	Template Parallelism	0.05 Increase 67%
0.05	Tie Bar Jitter	0.03 Increase 40%
0.05	Bush Jitter	0.03 Increase 40%
0.05	Piston Rod Jitter	0.02 Increase 60%
0.10	Coupling Jitter	0.03 Increase 70%
Less than 200mm/s	Injection Rate	More than 400mm/s

TLE Series

Cycle Time	Time(s) 5.6 Increase 21%
Injection Time	0.475 Increase 21%
Mold Open-closing Time	2.3 Increase 22%
Storage Time	1.32 Increase 15%



TLE-30FS INJECTION MOULDING MACHINE

Screw Diameter	mm	25
Shot Volume (Theoretical)	cm ³	40
Injection Weight (PS)	g	37
Injection Rate	g/s	46
Injection Pressure	Mpa	212
Screw Speed	r/min	0-250
Clamping Unit		
Clamping Tonnage	KN	300
Toggle Stroke	mm	240
Space Between Tie Bars	mm	280*260
Max.mould Height	mm	290
Min.mould Height	mm	100
Ejector Stroke	mm	61
Ejector Tonnage	KN	27
Others		
Max Pump Pressure	Mpa	14
Pump Motor Power	KW	11
Heater Power	KW	3.2
Machine Dimension (LxWxH)	m	1.65x0.96x1.4
Machine Weight	T	1.4

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-50FS INJECTION MOULDING MACHINE

Screw Diameter	mm	30
Shot Volume (Theoretical)	cm ³	75
Injection Weight (PS)	g	68
Injection Rate	g/s	82
Injection Pressure	Mpa	213
Screw Speed	r/min	0-320
Clamping Unit		
Clamping Tonnage	KN	500
Toggle Stroke	mm	280
Space Between Tie Bars	mm	308*308
Max.mould Height	mm	320
Min.mould Height	mm	120
Ejector Stroke	mm	70
Ejector Tonnage	KN	27.5
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	11
Heater Power	KW	3.6
Machine Dimension (LxWxH)	m	3.2x1.31x1.8
Machine Weight	T	2.3

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-100FS INJECTION MOULDING MACHINE

Screw Diameter	mm	38
Shot Volume (Theoretical)	cm ³	187
Injection Weight (PS)	g	68
Injection Rate	g/s	170
Injection Pressure	Mpa	186
Screw Speed	r/min	0-250
Clamping Unit		
Clamping Tonnage	KN	1000
Toggle Stroke	mm	285
Space Between Tie Bars	mm	355*315
Max.mould Height	mm	370
Min.mould Height	mm	125
Ejector Stroke	mm	85
Ejector Tonnage	KN	33
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	15
Heater Power	KW	5.5
Machine Dimension (LxWxH)	m	4x1.4x1.9
Machine Weight	T	3

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-120FS INJECTION MOULDING MACHINE

Screw Diameter	mm	40
Shot Volume (Theoretical)	cm ³	187
Injection Weight (PS)	g	170
Injection Rate	g/s	138
Injection Pressure	Mpa	201
Screw Speed	r/min	0-360
Clamping Unit		
Clamping Tonnage	KN	1200
Toggle Stroke	mm	380
Space Between Tie Bars	mm	385*350
Max.mould Height	mm	410
Min.mould Height	mm	150
Ejector Stroke	mm	85
Ejector Tonnage	KN	33
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	18
Heater Power	KW	7.2
Machine Dimension (LxWxH)	m	4x1.43x1.9
Machine Weight	T	3.5

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-130FS INJECTION MOULDING MACHINE

Screw Diameter	mm	42
Shot Volume (Theoretical)	cm ³	259
Injection Weight (PS)	g	235
Injection Rate	g/s	152
Injection Pressure	Mpa	182
Screw Speed	r/min	0-315
Clamping Unit		
Clamping Tonnage	KN	1300
Toggle Stroke	mm	380
Space Between Tie Bars	mm	415*415
Max.mould Height	mm	450
Min.mould Height	mm	150
Ejector Stroke	mm	130
Ejector Tonnage	KN	33
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	18
Heater Power	KW	7.5
Machine Dimension (LxWxH)	m	4.5x1.48x1.9
Machine Weight	T	4.2

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-150FS INJECTION MOULDING MACHINE

Screw Diameter	mm	45
Shot Volume (Theoretical)	cm ³	297
Injection Weight (PS)	g	270
Injection Rate	g/s	221
Injection Pressure	Mpa	159
Screw Speed	r/min	0-400
Clamping Unit		
Clamping Tonnage	KN	1500
Toggle Stroke	mm	435
Space Between Tie Bars	mm	460*460
Max.mould Height	mm	500
Min.mould Height	mm	180
Ejector Stroke	mm	152
Ejector Tonnage	KN	40
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	22
Heater Power	KW	7.5
Machine Dimension (LxWxH)	m	4.9x1.52x1.9
Machine Weight	T	5.2

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-170FS INJECTION MOULDING MACHINE

Screw Diameter	mm	45
Shot Volume (Theoretical)	cm ³	318
Injection Weight (PS)	g	289
Injection Rate	g/s	199
Injection Pressure	Mpa	177
Screw Speed	r/min	0-320
Clamping Unit		
Clamping Tonnage	KN	1700
Toggle Stroke	mm	435
Space Between Tie Bars	mm	460*460
Max.mould Height	mm	500
Min.mould Height	mm	180
Ejector Stroke	mm	152
Ejector Tonnage	KN	40
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	22
Heater Power	KW	9.7
Machine Dimension (LxWxH)	m	5.1x1.52x2.1
Machine Weight	T	5.5

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-220FS INJECTION MOULDING MACHINE

Screw Diameter	mm	55
Shot Volume (Theoretical)	cm ³	522
Injection Weight (PS)	g	475
Injection Rate	g/s	289
Injection Pressure	Mpa	152
Screw Speed	r/min	0-286
Clamping Unit		
Clamping Tonnage	KN	2200
Toggle Stroke	mm	480
Space Between Tie Bars	mm	520*520
Max.mould Height	mm	560
Min.mould Height	mm	200
Ejector Stroke	mm	150
Ejector Tonnage	KN	62
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	30
Heater Power	KW	11.1
Machine Dimension (LxWxH)	m	5.6x1.63x2.2
Machine Weight	T	6.8

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-280FS INJECTION MOULDING MACHINE

Screw Diameter	mm	60
Shot Volume (Theoretical)	cm ³	763
Injection Weight (PS)	g	694
Injection Rate	g/s	328
Injection Pressure	Mpa	168
Screw Speed	r/min	0-250
Clamping Unit		
Clamping Tonnage	KN	2800
Toggle Stroke	mm	550
Space Between Tie Bars	mm	580*560
Max.mould Height	mm	610
Min.mould Height	mm	220
Ejector Stroke	mm	140
Ejector Tonnage	KN	62
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	37
Heater Power	KW	15.6
Machine Dimension (LxWxH)	m	5.8x1.76x2.2
Machine Weight	T	8

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-320FS INJECTION MOULDING MACHINE

Screw Diameter	mm	65
Shot Volume (Theoretical)	cm ³	895
Injection Weight (PS)	g	814
Injection Rate	g/s	385
Injection Pressure	Mpa	143
Screw Speed	r/min	0-250
Clamping Unit		
Clamping Tonnage	KN	3200
Toggle Stroke	mm	585
Space Between Tie Bars	mm	660*640
Max.mould Height	mm	710
Min.mould Height	mm	220
Ejector Stroke	mm	125
Ejector Tonnage	KN	62
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	37
Heater Power	KW	15.6
Machine Dimension (LxWxH)	m	6.3x2x2.4
Machine Weight	T	11.5

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive



TLE-360FS INJECTION MOULDING MACHINE

Screw Diameter	mm	68
Shot Volume (Theoretical)	cm ³	1161
Injection Weight (PS)	g	1057
Injection Rate	g/s	448
Injection Pressure	Mpa	185
Screw Speed	r/min	0-289
Clamping Unit		
Clamping Tonnage	KN	3600
Toggle Stroke	mm	585
Space Between Tie Bars	mm	660*640
Max.mould Height	mm	710
Min.mould Height	mm	220
Ejector Stroke	mm	125
Ejector Tonnage	KN	62
Others		
Max Pump Pressure	Mpa	16
Pump Motor Power	KW	37+18
Heater Power	KW	17.3
Machine Dimension (LxWxH)	m	6.8x1.8x2.6
Machine Weight	T	12.5

All machine specifications are standard with B - Barrel and Screw

- Double cylinder balance injection system
- Multi stage pressure and speed injection
- Low pressure mould protection
- Multiple hydraulic ejector knock-out
- Lubrication system
- Moulding data memory system
- Yestone servo motor
- Hopper dryer, auto loader and robot for part or sprue (option)
- Back pressure adjustment device
- High speed clamping
- Double core pulling and inserting
- Mechanical electrical safety device
- TLE series offers Multiple options of computer CPU system
- Northman hydraulic valve
- Phase motion control Ultract hydraulic drive