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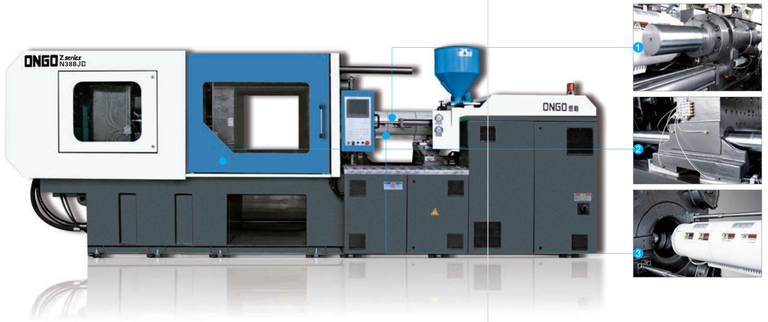
THIN WALL HIGH SPEED MACHINE SERIES



1 Injection cylinder double rod

Special injection piston rod design, the force balance, Can prolong the use time of oil seal oil seal. Significantly reduce the amount of oil back to the high speed of injection, So as to reduce the oil resistance of injection。

Injection speed

Parallel movement and high-speed/low presure injection movement that shortens circle time ，especially for thin wall products。

Low frication design

The injection unit used linear guide ，to minimize the friction and increase speed during injection。

2 New design enhanced template

Improved platen with high rigidity structurew。especially suit to thin-wall products。

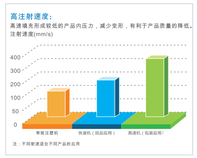
Tie bar

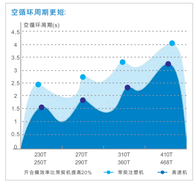
The tension rod is made of alloy steel and strengthening design ，to extend the service life of high speed running condition.

3 Screw&barrel

Can be optional infrared thermal insulation device, has the advantages of fast heating, energy saving, long life and other advantages, to further enhance the plasticization quality.

Fast, stable, lower maintenance costs





ONGO persistent advanced injection molding technology is introduced into the market, in close cooperation with customers, we constantly seek solutions in mechanical engineering and forming technology.

ONGO speed thin-wall machine series to enhance the design platform, in the short period of rapid prototyping machine for oil spills, mechanical life, etc. problems are significantly improved. And the use of modern processing technology, advanced injection control mode, to ensure that the overall response to high efficiency, high performance stability.

ONGO thin-walled high speed machine series of excellent performance, widely used in plastic processing industry, especially for thin-walled products, multi cavity mold, and traditional industries provided effect yield significantly.

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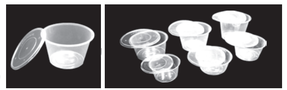
Thin Wall Bowl Series

Item: Fast-Food Container
Material: PP
Main Product: 1250/1750ml round (rectangle) 2-Cavity
Machine model: N290
Cycle time: around 5.3s



Item: Nonstandard Fast-Food Container (rectangle)
Material: PP
Main Product: 3-grid/4-grid/5-grid/nonstandard
Machine model: N250
Cycle time: around 4.3s

INDUSTRY APPLICATION

Catering supplies

Name: Disposable knife fork spoon
Raw materials: PP
Weight: According to the physical product
Die cavity: 32
Use models: 360,290
Molding cycle: ~9s

Medical industry

Name:Needle
Raw materials: PP
Weight:According to the physical product
Die cavity: 48
Use models: 290
Molding cycle: ~20s

Civilian Home Furnishing

Name: simple hanger
Raw materials: PP
Weight: 35g
Die cavity: 4
Use models: 290
Molding cycle: ~18s

Civilian Home Furnishing

Name: 1100ML Fresh box
Raw material: PP high transparency
Weight: 75g
Die cavity: 4
Use models: 360
Molding cycle: ~22s

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Professional Equipment For Injection Molding Products
Latest technology industry leader

THIN WALL
HIGH SPEED MACHINE
SERIES

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QUALITY IN MANUFACTURING

Under the control of ISO9001 management system, from material selection to processing, production and assembling, each step is inspected strictly. In order to reach 100% eligible rate, the machine shall be given more than 72h-continuous test in performance reliability.

ONGG恩格

OUR CULTURE

EXCELLENT IMPLEMENTATION,ETERNAL INNOVATION

If we say material brings comfort and happy,well then,culture bring aftertaste and enrichment:if we say material will be used up for consumption and be changed for development,well then, culture will be deepened for precipitation and be innovated for accumulation.Thus,Ongo produce both product and culture. The culture grows with the product, meanwhile The product promotes the culture. The enterprise will move on continuously, quickly, healthily with the two wings of product and culture.

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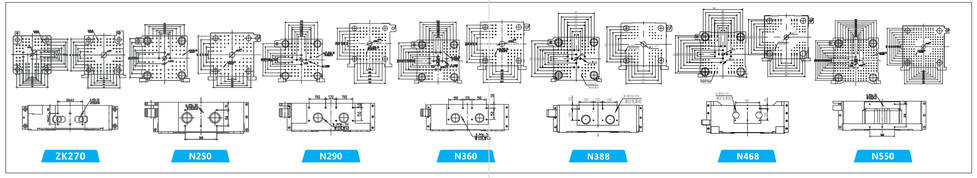
TECHNICAL PARAMETERS

Fast , stable , lower maintenance costs

ITEM		ZK270		N250	N290	N360	N388	N468	N550
INJECTION UNIT		B	C						
SCREW DIAMETER	mm	55	67	50	50	50	60	60	60
SHOT VOLUME(THEORETICAL)	cm3	641	951	491	491	530	834	834	834
INJECTION WEIGHT(PS)	g	583	866	446	446	482	759	759	759
INJECTION SPEED	mm/s	146		243	317	438	346	453	359
INJECTION RATE	g/s	315	468	434	566	782	891	1165	923
INJECTION PRESSURE	Mpa	169	114	154	154	171	176	176	185
SCREW SPEED	rpm	263		333	434	450	450	450	450
SHIFT-INJECTION FORCE (DOUBLE SHIFT-INJECTION)	KN	84		84	84	84	110	110	110
INJECTION STROKE	mm	270		250	250	270	295	295	295
CLAMPING UNIT									
CLAMPING FORCE	kN	2700		2500	2900	3600	3880	4680	5500
OPENING STROKE	mm	540		495	545	613	660	730	755
SPACE BETWEEN TIE BARS(W×H)	mm	565*565		525*525	580*580	625*625	685*625	735*715	780*780
MAX.MOULD HEIGHT	mm	510		575	550	660	660	780	850
MIN.MOULD HEIGHT	mm	160		245	250	365	320	320	330
EJECTOR STROKE	mm	150		150	150	162	162	172	202
EJECTOR FORCE	kN	70		70	80	80	80	80	110
OTHERS									
MAX.PUMP PRESSURE	MPa	16		16	16	16	16	16	16
PUMP MOTOR POWER(SERVO)	kW	31		40	54	80	80	96	96
HEATING POWER	kW	22.9		16.5	16.5	23.2	28.4	28.4	28.4
MACHINE DIMENSION(L×W×H)	m	6.1*1.6*2.25		6*1.75*2.2	6.1*1.8*2.2	7.05*2*2.2	7.1*2*2.2	8.2*2.1*2.3	8.9*2.2*2.3
OIL TANK CUBAGE	L	380		380	380	500	500	700	700
MACHINE WEIGHT	t	8		10.5	12	15.5	17	22.5	25



We reserve the right to make any product improvement or specifications change without prior notice.

SUNNY CO

LAHORE OFFICE:
G.T.Road, Salamatpura,
Opposite Attock Petrol Pump,
Lahore - Pakistan

GUJRANWALA OFFICE:
Near More Aimanabad,
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Gujranwala - Pakistan

KARACHI OFFICE:
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Karachi - Pakistan.

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