



WECHAT



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TEDERIC

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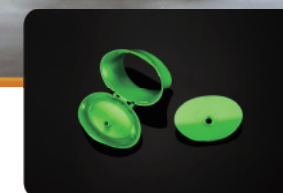
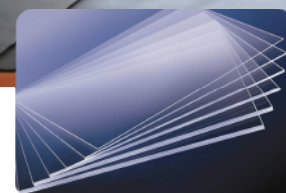
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TEDERIC

D-MF

High-speed and Precise Thin Wall Injection Molding Solution



TE2015.10-DT-MF01-HZ

TEDERIC MACHINERY CO.,LTD.

Professional>> Precise>> Power-saving
>> Short cycle>> Stable>> Intelligent

D-MF

High-speed and Precise Thin Wall Injection Molding Solution

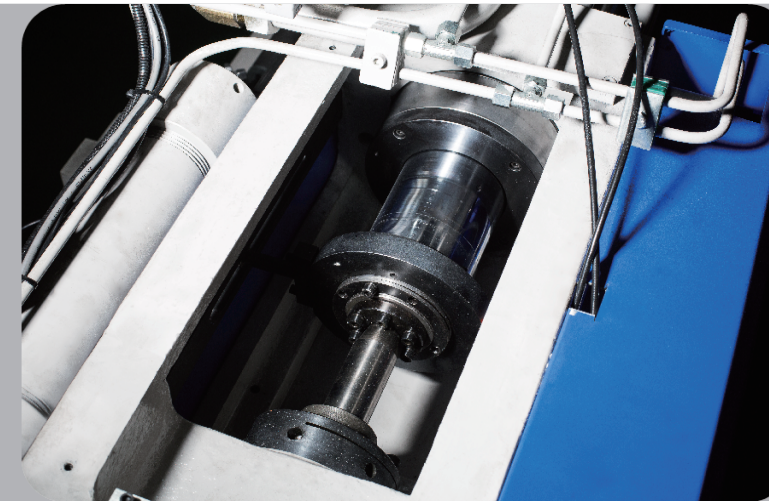
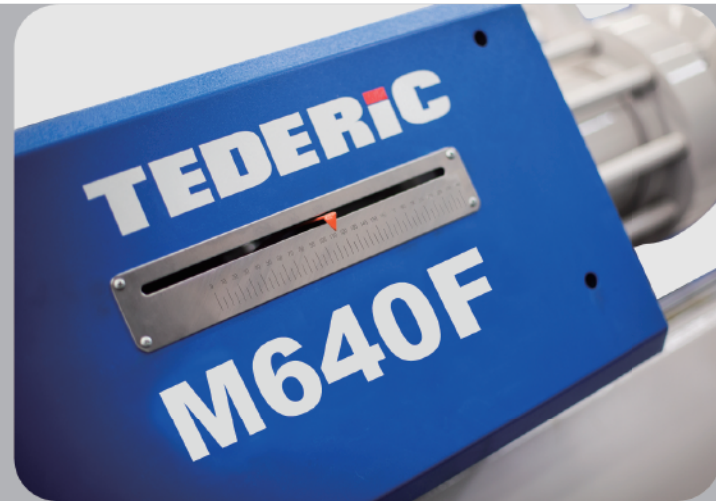
Applying to but not limited to below fields:

- Thin wall products
- Hard plastic packing
- Precision electronic components
- Precision Auto Parts
- Optical products
- Medical products

Design Highlights:

- High strength clamping structure.
- Single injection cylinder, compact structure with energy saving and high performance plasticizing system
- Special screw with high plasticizing capacity
- Special heating and temperature control system
- High-speed and intelligent control system
- High precision, high response and high-power full closed-loop hydraulic servo system.
- High repeating accuracy of mold open and close, injection position and the weight of products.
- Modular combination of clamping and injection unit, according to injection pressure, speed requirements and the weight of products





Professional:

12 years experience in manufacturing single cylinder for injection

The third generation of single injection unit technology

Injection unit

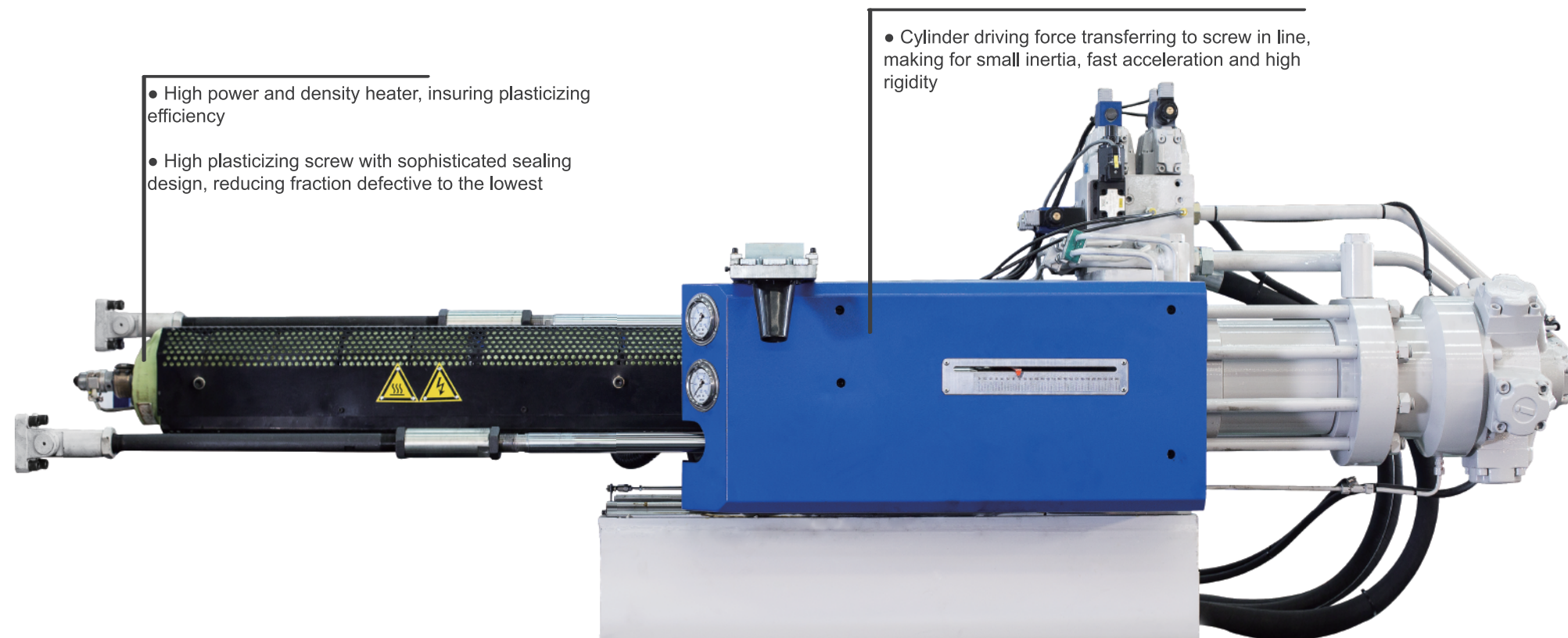
Single injection cylinder, compact structure with energy saving and high performance plasticizing system

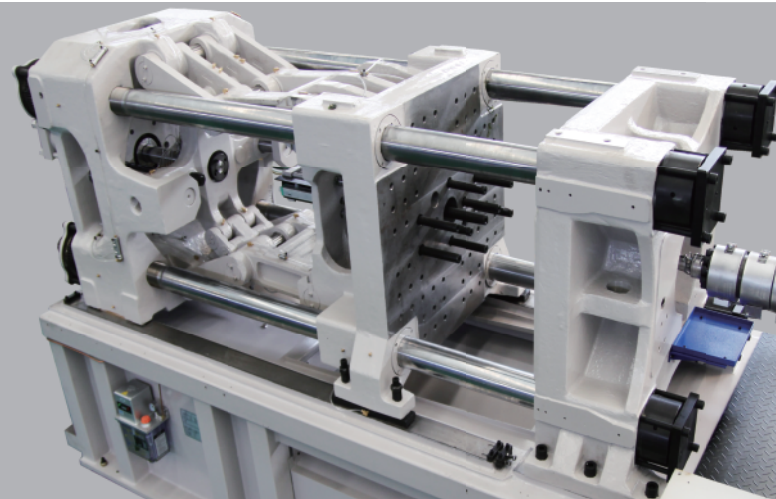
Specialized high plasticizing unit

Professional heating for plasticization

Linear guide

High rigidity integrated injection unit base





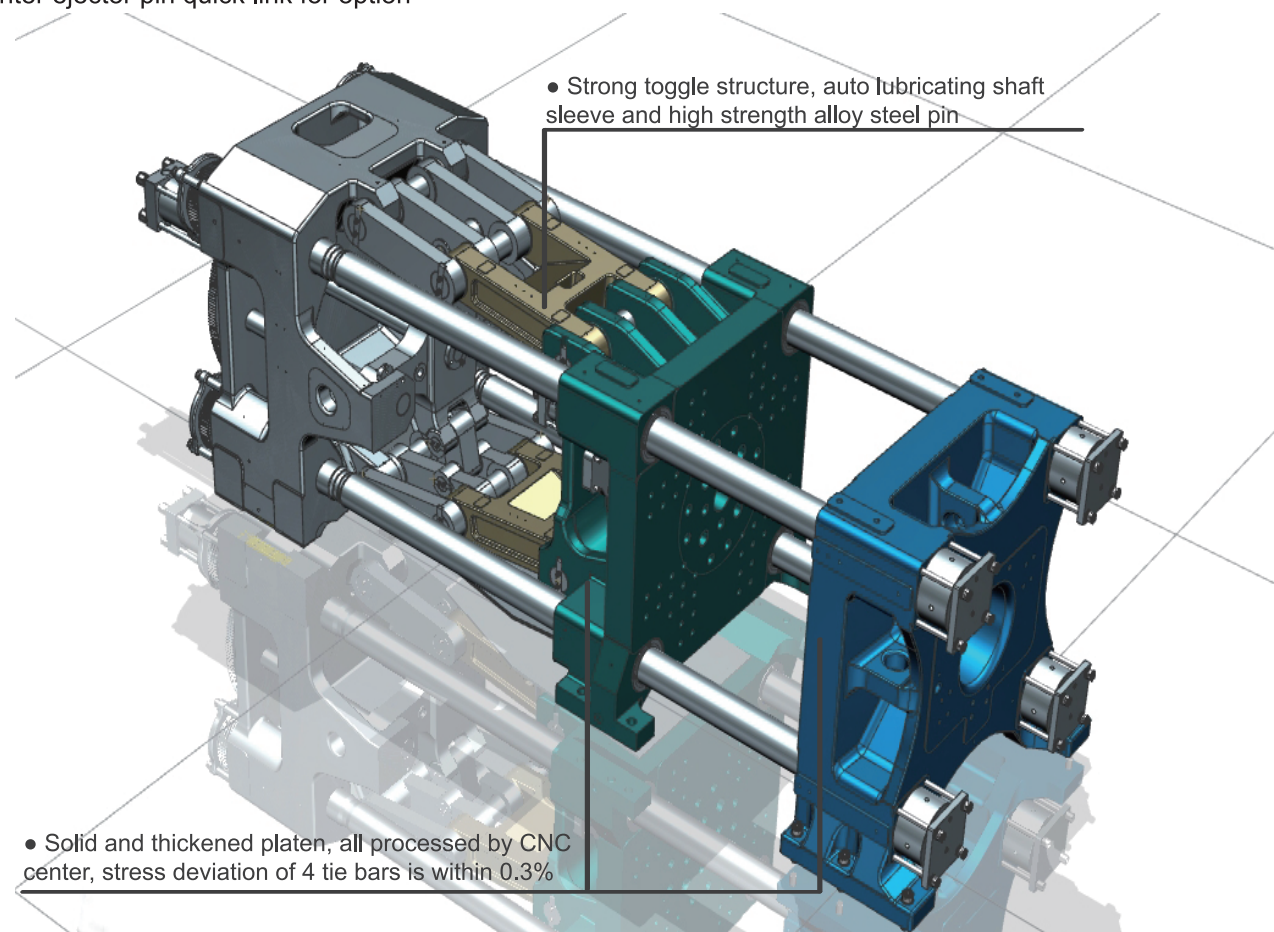
- Solid and steady machine body
- Tempering processed heavy machine frame, removing deformation and welding stress, insuring machine precision and life



- Touch screen Gefran controller, precision of the injection time reaches to 0.001S
- Convenient air blow control settings
- Easier operation

Clamping unit

Diagonal double toggle in-roll clamping structure
High rigidity strengthened platen
Excellent alloy steel tie bar
Auto fixed-quantity lubrication system
Big tie bar distance and clamping stroke design
Center ejector pin quick link for option

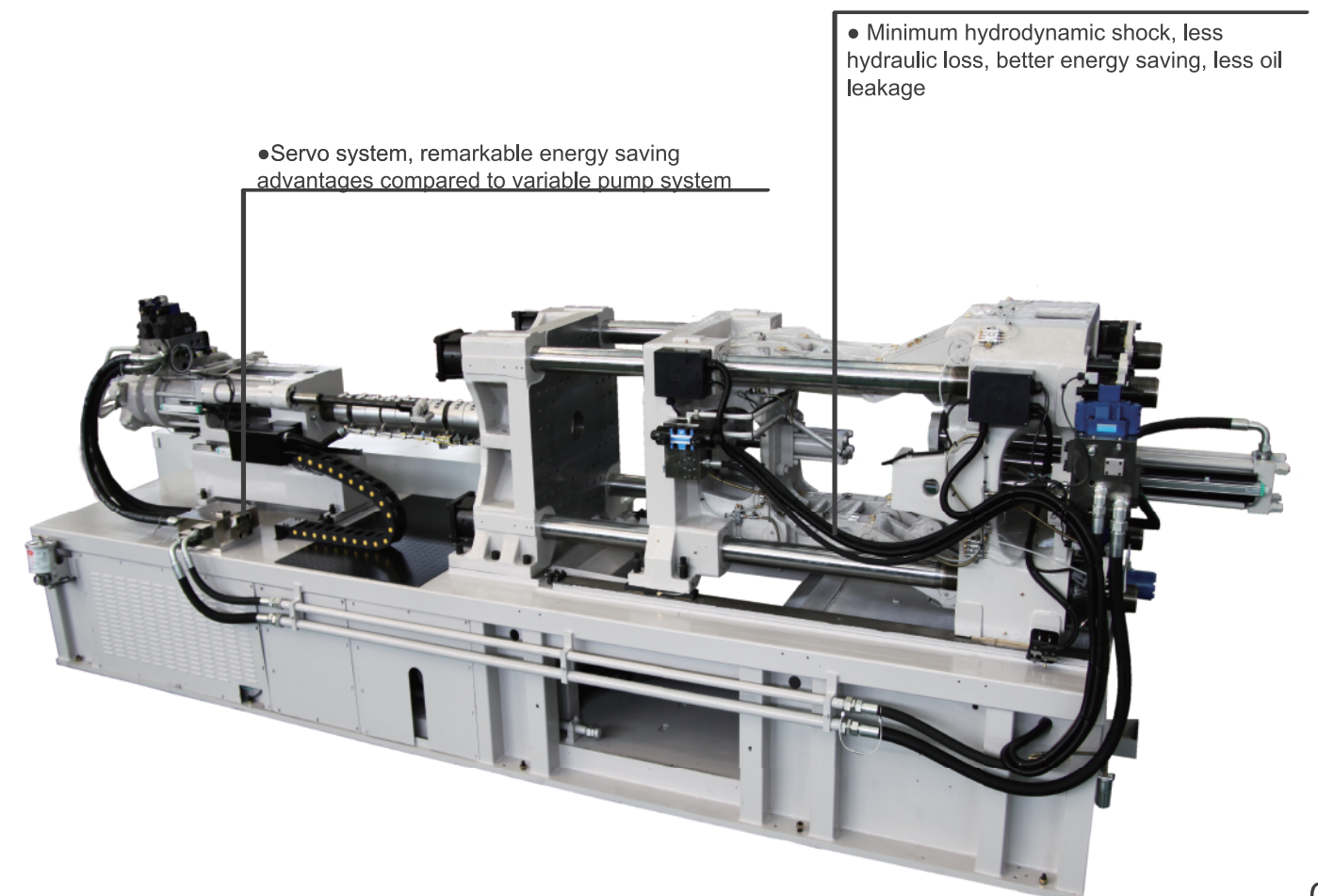


- Strong toggle structure, auto lubricating shaft sleeve and high strength alloy steel pin

- Solid and thickened platen, all processed by CNC center, stress deviation of 4 tie bars is within 0.3%

Electric control

Modular high efficiency power device
Module for hydraulic close to execute component
Specialized high response controller
Precise transducer detection control
Full closed electrical cabinet



- Servo system, remarkable energy saving advantages compared to variable pump system

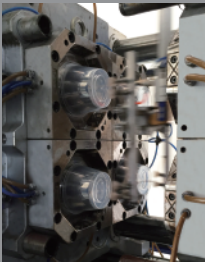
- Minimum hydrodynamic shock, less hydraulic loss, better energy saving, less oil leakage

TEDERIC provides you with:
Automatic production solution including Injection Molding Machine, Mold, Robot, Centralized Feeding, Automatically taking and stacking, Conveying, detection, Packaging and so on



Thin wall products injection molding solution

Customer's practical case
1000 ml takeaway food container
Machine Type: D350/M1100F
Plastic Material: Food Grade PP
Weight: 16.7 g
Cavities: 4



1000 ml takeaway food container lid
Machine Type: D250/M640F
Plastic Material: Food Grade PP
Weight: 7.2 g
Cavities: 4



Hard plastic packing injection molding solution



Cavities	Wall thickness	Recommended Machine Type
450-500ml takeaway food container		
2	0.33mm-0.38mm	D200/M640F
4	0.37mm-0.45mm	D250/M640F
750-1000ml takeaway food container		
2	0.33mm-0.38mm	D250/M640F
4	0.37mm-0.45mm	D350/M1100F
1250-1500ml takeaway food container		
1	0.35mm-0.39mm	D160/M640F
2	0.38mm-0.42mm	D250/M640F
2	0.35mm-0.39mm	D350/M1100F
2000ml takeaway food container		
1	0.39mm-0.45mm	D200/M640F
Lid (Square Lid, Round Lid)		
2	0.32mm-0.38mm	D160/M640F
4	0.32mm-0.38mm	D250/M640F
Sealed Cans		
2	0.38mm-0.45mm	D200/M640F
4	0.38mm-0.46mm	D350/M1100F

Electronic components injection molding solution





> > To Create The Maximum Value For users

Service

Tederic Machinery Co.,Ltd.

The most professional Injection Molding Solution Provider!

Tederic possesses 120,000 square meters production bases with annual output of 10,000 sets efficient, precise and energy-saving 50-7000T injection molding machine. It aims to create maximum value for users with its most professional solution.

Over the past years, Tederic had a good reputation in more than 90 countries in the world for its multiple product lines, fruitful functional machine types, excellent product quality and 24*7 services.

With continual R&D and improvement, Tederic currently has 3 categories of “**Dream Series**” products, covering the Auto Parts, Logistics, Pipe Fittings, Packages, Home Appliances and Electrics areas. Particularly, in the Pipe Fitting and Package areas, Tederic has its remarkable prestige. A fair number of its injection molding machines can meet the production demand of paint buckets, food boxes, bottle preforms and in-mold labeling technology.



Professional and Efficient Sales and Service team

- Serving more than **90** countries and regions for machine installation and testing
- Covering numerous domestic areas with around **20** permanent offices in main cities
- Scheduling overseas-based service engineers for international service

Quicker Service through “Wechat mall”

Every machine by Tederic has its QR code. A slight scan can get smart, quick and 24*7 services.

Global Service

- More than **20** spare parts warehouse are available in the world.
- Service Engineers with multiple visas are ready to go at any time.
- More than **20** global agents and numerous representatives provide cooperative services.

