



PE Pipe Fittings IMM

DT-JI

NEO·H-JI

t:PE Pipe Fitting IMM.202408.13



Tederic Machinery Co., Ltd.
No. 417 Yin Hai Street,
Hangzhou City, Zhejiang Province, 310018, China
T. +86-0571-86733387
www.tedericglobal.com

About Us



Basic Facts & Figures

 1000
Staff worldwide

 335,000
Production plants(m²)

 140+
Exporting countries

An international partner with solid background in the industry - based on trust and industry experience.

Tederic is a world-leading provider of molding solutions, providing complete and sustainable industry-wide molding solutions for plastic molding and metal molding. As a listed company (603289-SH), we have a wealth of industry experience, good performance and professional knowledge. Focusing on creating real value for our customers and pursuing excellence, we uphold flexible methods and continuous innovation to create high-quality, durable, efficient and value-added products for you.

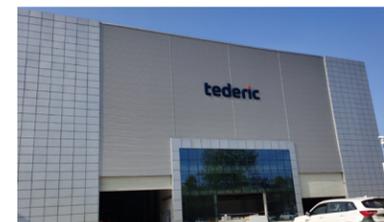
Tederic has always insisted on independent innovation, with the core technology of injection molding machine and die casting machine and the inhouse manufacturing capacity of main parts. With precision casting, large-scale welding, precision machining, electrical assembly, machine assembly, software development and other vertical industry chain advantages to provide guarantee for our product development, quality, cost and delivery.

More than 1,000 Tederic employees are serving customers from all over the world. To date, Tederic products operate in more than 140 different countries and regions, covering a variety of industries: automotive, home appliances, construction, logistics, packaging, medical, electronics, etc.



Tederic Global Headquarters & Tederic Smart Factory

- 33,334 square meters
- Global headquarters
- All electric IMM assembly intelligent base
- R&D center



Tederic Metal Sheet Factory

- 13,334 square meters
- Sheet metal processing production base
- Sheet metal spraying and testing center
- Electrical box assembly center



Tederic Casting Factory

- 60,000 square meters
- Foundry and CNC center
- Machine frame oil circuit assembly center



Tederic Giga Factory

- 164,674.5 square meters
- Hydraulic IMM assembly and die casting production base

PE Pipe Introduction



PE pipe fitting is a kind of pipe connector made of polyethylene as the main raw material. Due to its excellent chemical and physical features, it is widely used in water supply, drainage, gas, chemical industry, mining and other fields.

Tederic's specially designed double-step structure ensures uniform plasticization and stable molding. Equipped with a special enlarged pre-molding hydraulic motor for PE pipe fittings, which can further improve the efficiency of producing.



Straight fittings

Simple linear connecting fittings, such as straight connectors used to directly connect two ends of a pipe.



Elbow fittings

Fittings used to change the direction of a pipe. Available in different angles.



Tee fittings

Fittings used for three-way connection. Can be divided into positive tee and reducer tee.



Cross fittings

Pipe fittings for four-way connections, usually used in complex pipe networks.



Reducing fittings

Pipe fittings for connecting pipes of different diameters, such as size head.



Pipecap fittings

Used to cover and plug the pipe on the outer thread.

PE Pipe Fittings IMM Introduction

NEO-H-JI two-platen IMM

Highlights and specifications

1. New Generation of Specialized Pipe Fitting Machines

- Nearly twenty years of pipe fitting application experience, with a double-step injection structure
- Industry-leading classic inherited technology, with a wealth of cases
- Extra large injection weight to meet more needs

2. Separation of injection and molding, efficient and professional

- Extruding plasticizing structure for continuous plasticizing, special designed for PE pipe fittings.
- Enlarged pre-molding oil motor, screw L/D ratio ≥ 30
- Piston type injection structure for precise control, high efficiency

3. Modular design

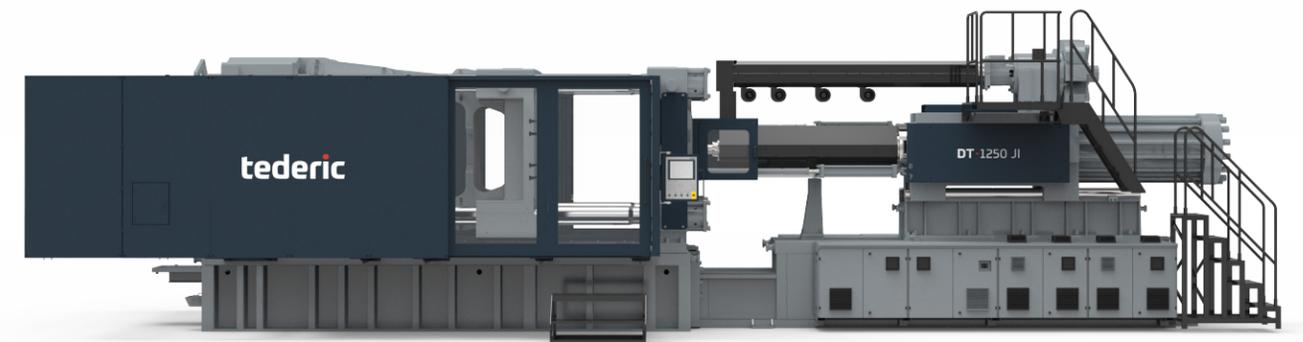
- Platform-based product development, modular design concept
- Different clamping force (up to 500 tons) and injection volume (up to 500kg) can be customized according to demand.
- Widely and Economically applicable

4. Advanced and durable electronic control system

- Humanized control system, easy to operate and use
- High-response servo power system, precise, energy-saving and stable
- Dedicated high-power ceramic heating, accurate temperature control, long service life



DT/JI three-platen IMM



■ Standard ■ Optional

Clamping unit/Injection unit	J18200	J115000	J124000	J142000	J154000	J175000	J1100000	J1130000	J1179000	J1280000	J1330000
DT400	Standard										
DT500	Optional										
DT600		Optional	Standard	Optional							
DT700		Optional	Standard	Optional							
DT800		Optional	Standard	Optional							
DT1050			Optional	Standard	Optional						
DT1250			Optional	Standard	Optional						
DT1550				Optional	Standard	Optional					
DT1800					Optional	Standard	Optional				
NEO·H2300						Optional	Standard	Optional			
NEO·H2700							Optional	Standard	Optional		
NEO·H3000								Optional	Standard	Optional	
NEO·H3500II									Optional	Standard	Optional
NEO·H4500II											Optional

Smart service

360° customer care

140+

Perfect service management system

So far, Tederic sales engineers have provided initial installation or subsequent commissioning services to customers in more than 130 countries and regions around the world

70%

Rich experience in sales and service industry

70% of the engineers have more than ten years of industry experience

75

Global service rapid response

At present, Tederic has 75 sales and services networks in the world



We are there for you a whole machine life cycle:

- Personal contact
- Consultation already in the initial phase
- Professional Installation and commissioning
- Preventive maintenance
- Repairs
- Spare parts supply by us
- Training courses at our technical center in Munich or at your site
- Support by special loading/unloading and assembly companies who are familiar with injection molding machines
- Retrofitting and modernization

Tederic service



Spare parts



Retrofit



General overhaul



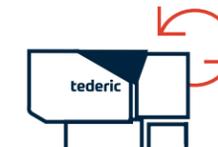
User training



Maintenance



Product service



Used machine



Application engineer