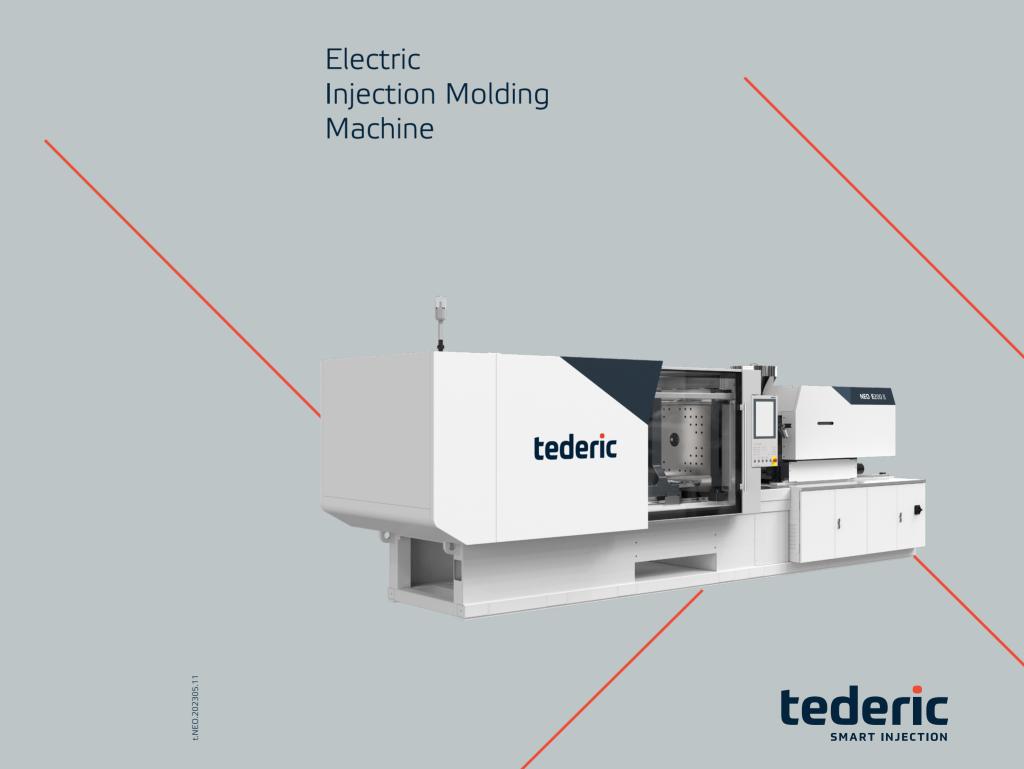
discover NEO EII



Tederic Machinery Co., Ltd.

No.245 Wenze North Road, Hangzhou City, Zhejiang Province, 310018, China T. +86-571-86733387 www.tedericglobal.com Design drives change.



About Us







Basic Facts & Figures



1000 Staff worldwide



335,000 Production plants (m²)



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

Tederic is a smart injection molding machine manufacturer with worldleading technology (a world-renowned injection molding machine solution provider). As a company listed on the Shanghai stock exchange of China (603289·SH), we have rich industry experience, good performance and professional knowledge, with the mission of creating real value for customers, the goal of pursuing excellence, adhering to a flexible approach and the spirit of continuous innovation, we will create high-quality, durable, efficient and value-added products for you.

Tederic has the core technology of injection molding machine and the manufacturing capacity of main parts,



Tederic Machinery Co., Ltd.
Covering 50,000 square meters

Founded in 2008



Zhejiang Tederic Equipment Co., Ltd. Covering 164,674.5 square meters

Coming soon

from casting casting, fuselage and sheet metal welding, precision machining to complete machine assembly, all through strict quality system control, and can achieve fast delivery for customers.

At present, Tederic has 122 technical patents and more than 70 industry experts. In terms of talent development and reserve, Tederic has carried out comprehensive and in-depth industry-university-research cooperation with 15 universities, including Zhejiang University, Beijing University of Chemical Technology, Zhejiang University of Technology, etc. Moreover, Tederic has donated \$150 million to cultivate the elite of the plastic machinery industry and promote the sustainable development of the industry.



Zhejiang Tederic Heavy Machinery Co., Ltd. Covering 60,000 square meters

Founded in 2010



Smart Factory of Tederic New Headquarters Covering 33,334 square meters

Coming soon

Timeline

2003

Founded as a family owned company, based in Hangzhou city, busienss mainly in oversea market.
Start with first machine series "TRX".

2010

Development of the whole industrial chain

The second series "DREAM" was born to complete the layout of the whole product line 2018

Portugal's overseas subsidiary was established and started to lay out global business outlets 2020

"4.0 concept smart headquarter" has officially started.

Covers an area of 33,333+ m²

2022

Increase production capacity layout, "Integrated Molding super factory" project started, with an area of 178,000 m²

Entered a new stage of highquality, sustainable and globalized development

2008

Headquarters was established in Xiasha, covering an area of 50,000+ m² 2017

2017 Oct 31th, Tederic become the only Chinese injection molding machine brand listed on the shanghai main board stock market in the industry and developed toward collectivized enterprises

2019

Three overseas subsidiaries in Korea, Mexico and Brazil have been established

2021

Annual production capacity of 10,000 units

The third generation product line "NEO" was released

Set up a German R&D center

5 · NEO-EII INTRODUCTION • 6

We are a global partner APAC Malaysia Kuala Lumpur Syria Aleppo Vietnam Ho chi minh city Turkev Istanbul So far, Tederic machines Bangkok Thailand Bangladesh Dhaka have been in operation in Indonesia Korea Hwaseong Jakarta more than 130 countries and Iran Tehran New Zealand Auckland regions. Japan Tokyo India Coimbatore At present, Tederic has 4 overseas subsidiaries and 36 Germany R&D Center sales and services networks in the world. Korea Portugal (China Mexico • **AMEA** Venado Tuerto Argentina America Florida Sao Paulo Brazil Brazil Guadalajara **EMEA** Mexico Peru Lima Hamilton Paris Ukraine Kharkov Canada French Germany Munich South Africa **Johannesburg** Tunis Italy Turin Tunisia Britain • Gwent Egypt Cairo Belarus Minsk Algeria Algiers Russia Moscow Morocco Mohammedia Portugal Batalha Greece Afidnes Spain Barcelona Netherlands Gelderland Poland Koronowo The Czech Republic Trinec Sales&Service networks Headquarter

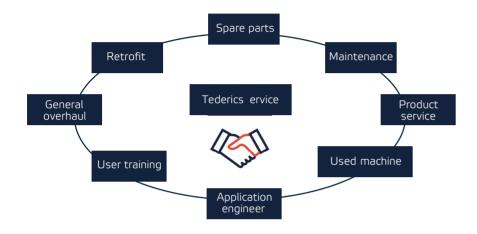
7 · NEO·EII

Hungary

Budapest

Support and service

360°customer care



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.

Rich experience in sales and service industry

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

Global service rapid response

At present, Tederic has 65 sales and services networks in the world.



We are there for you a whole machine life cycle:

- 1. Personal contact
- 2. Consultation already in the initial phase
- 3. Professional Installation and commissioning
- 4. Preventive maintenance
- 5. Repairs

- 6. Spare parts supply by us
- 7. Training courses at our technical center in Munich or at your site
- 8. Support by special loading/unloading and assembly companies who are familiar with injection molding machines
- 9. Retrofitting and modernization

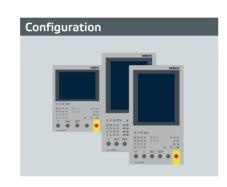
NEO

Design drives change, evolution, usability and functionality

NEO series is jointly created by the top design team in the world and tederic team, which embodies 20 years oftechnical accumulation of tederic and also fully displays the industrialaesthetics. It combined perfectly the world's leading industrial design, high-end components and advanced design concept, which brings a better user experience.

Controller

- Professional controllers, has dozens of years experience accumulated.
- Multiple dimension of screen available from 12 to 21 inches.
- Screen available by key screen and touch screen, optional of high-end multi-touch screen. Support for multiple data interface protocol, like OPC UA, Modbus.
- Massive amounts of mold process data & production process data.
- Open programming, enable to develop secondary programs, to meet a variety of special process requirements.













NEO·HII



NEO-EII



NEO·Mv



NEO · Ms





NEO·EII has superb electric tchnology and rich application experience. Equipped with advanced energy recovery system as standard, which can save 15% of energy compared with other electric machine.

And according to the euromap 60.1 energy consumption standard, all NEO·E models are above 9+.

NEO-EII Electric IMM Clamping force: 60t–1400t

Precision, Efficient, Energy-saving, Clean

Main application sectors







Medical



Automotive

Eletronic

Packaging



13 · NEO·EII Introduction · 14

NEO • EIIClamping Unit

Technical Advantages

- Precision controlled by servo motor, repetitive positioning accuracy of mold opening position is up to 0.01mm
- No lubrication of tie bar, optimizing the cleanliness of the clamping unit
- Huge mold capacity to achieve cross-level benchmarking of parameters

Toggle structure with 5 point

The strengthened platen and the stabilized toggle structure are respectively designed by professional mechanics analysis and professional motion analysis.

The central pressing effect of the V-shaped toggle mechanism makes the clamping force evenly transmitted to the mold. Reduce the excess clamping force and protect the life of the mold.

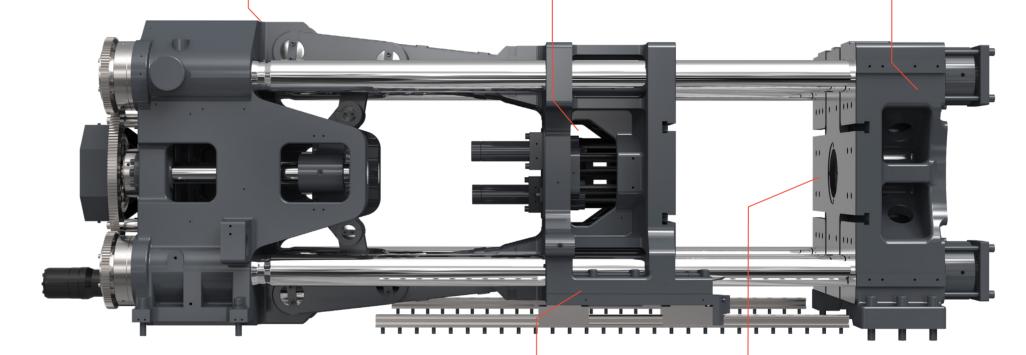
Alternative Hydraulic/ Electric Ejector

The ejector pin will not retreat even when the door is opened or the power is cut off, ensuring the safety of the operator.

Notes: 60-90 equipped with electric ejector as standard

High-strength platen material combined with ultra-high rigid platen structure

The platen strength is increased by 33%, and the hardness is increased by 18%.Reduce mold deformation, increase mold service life, and improve product consistency.



Platen with T-slot High-rigidity Platen

High-rigidity Platen with T-slot and in-built locating ring, easy and convenient for mold (un)install

Linear guide structure is used for moving platen

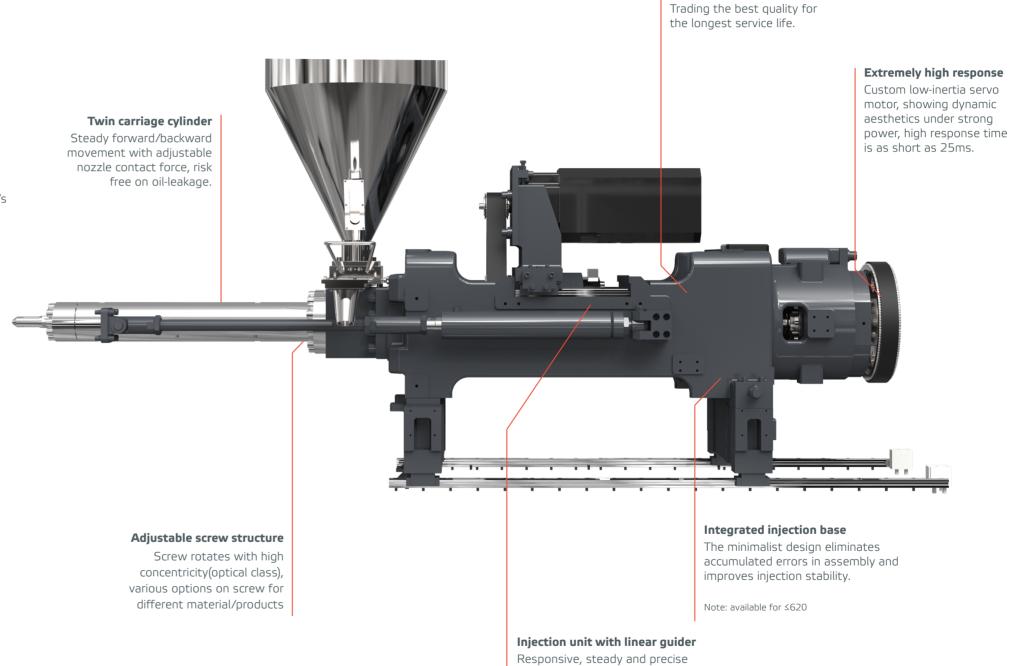
Improve the load-bearing capacity of the mold; improve the parallelism and positioning accuracy of the platen; reduce energy consumption; optimize the cleanliness of the clamping unit.

Notes: clamping unit with linear guider available for ≤470



Technical Advantages

- Pressure control accuracy is up to±1 bar, which can achieve 0.1%
 repeated precision of product quality
- Multiple injection speeds are available, up to 500mm/s
- Excellent low-speed characteristics, smooth injection below 1mm/s



Note: available for ≤620

Top quality and durable

17 · NEO-EII



Technical Advantages

- Dry cycle time reduce upto 26%
- Specialized all electric control system
- Modular electric cabinet
- Integrated hydraulic package
- Stack driver units

Full motor professional control

Upgraded control system with 15"touch screen(12" for 60-120), better Human–Machine Interaction experience



Movable safety door

Convenient for machine maintenance

Mold ejector pins return confirmation interface

It is absolutely safe to protect the mold.

Modular electric control cabinet design

Energy Recovery System, Euromap9+ power saving standard Electric cabinet EMC design (non-interference. Stable and easy maintenance)

