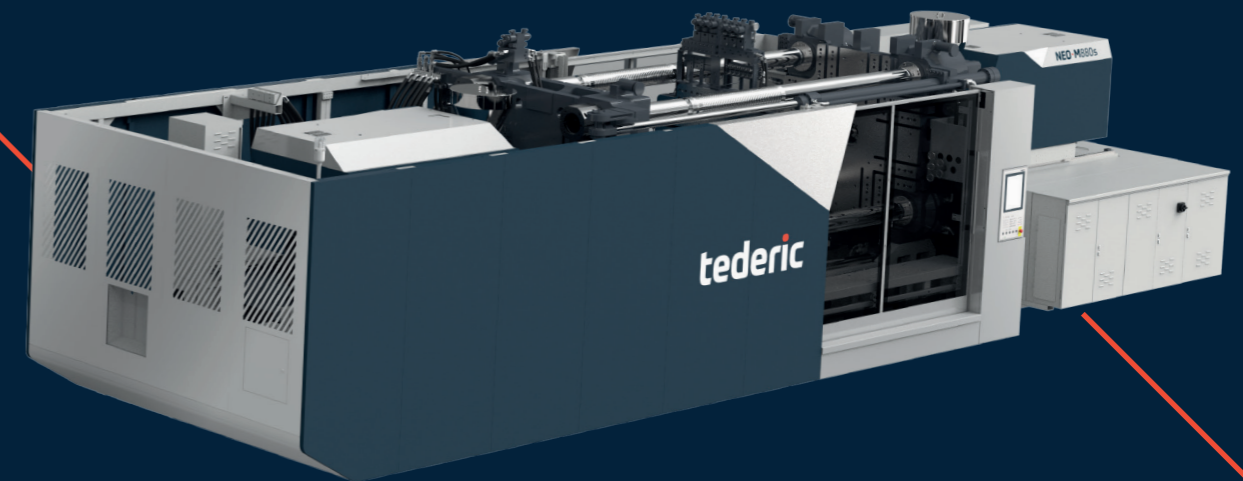


discover **NEO·M**

High-end
Multi-component
Injection Molding Machine



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tederic
SMART INJECTION

NEO·M

New High-end Multi-component IMM

NEO·M has industry-leading multi-color injection molding technology, flexible modularization, professional customized design, to meet your diverse process needs. Tederic continues to innovate and explore the possibilities of injection molding.

NEO·Ms Opposite injection IMM with horizontal rotary turntable
Clamping force: 880t – 1920t

NEO·Mv Multi-component IMM with vertical rotary turntable
Clamping force: 170t – 1920t

Stable, Precise, Professional, Flexible

Main application sectors



Automotive



Home Appliances



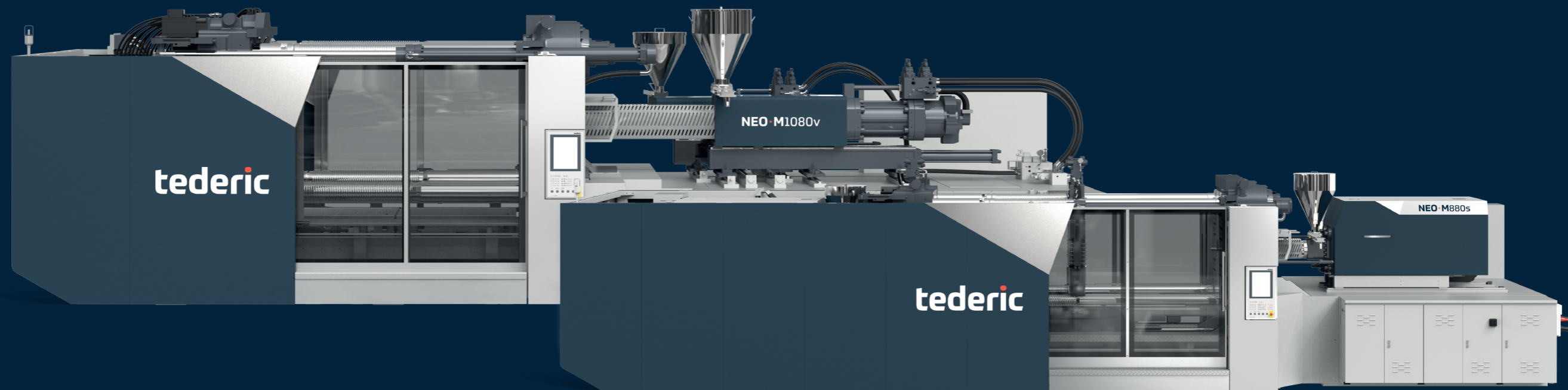
Logistics



Environment Protection



Electronic



NEO·Ms

Opposite injection IMM with horizontal rotary turntable

Technical Advantages

- Combined by two-platen clamping unit and opposite injection unit, ensures the molding of complicated dual-color products with smaller space
- The medium platen can bear more mold weight up to 50t.
- Ensures the weight precision $\leq 0.3\%$
- The max. positional repeatability of mold opening and the medium platen ≤ 1 mm
- Flexible customized services, professional solution aiming at customer's product characteristics

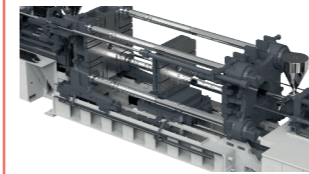
Opposite arranged two injection units
Two opposite single-cylinder precise injection units or high-speed full electric injection unit can be equipped at the same time to meet the requirements of more products characteristics. In addition, opposite injection unit moves synchronously with the moving platen, more efficient is achieved.

Exclusive Spinsure™-H horizontal rotary platen

Heavy-duty linear guide for the medium platen: supports heavier molds, lower friction resistance, and runs more smoothly.

The speed reducer and servo motor drive for the rotation of the medium platen: it can rotate larger and heavier molds, adapt to more special two-color auto parts molds, servo control is more accurate, and energy saving.

The medium platen movement is controlled by proportional valve to improve the accuracy of mold opening end position and repeated position.

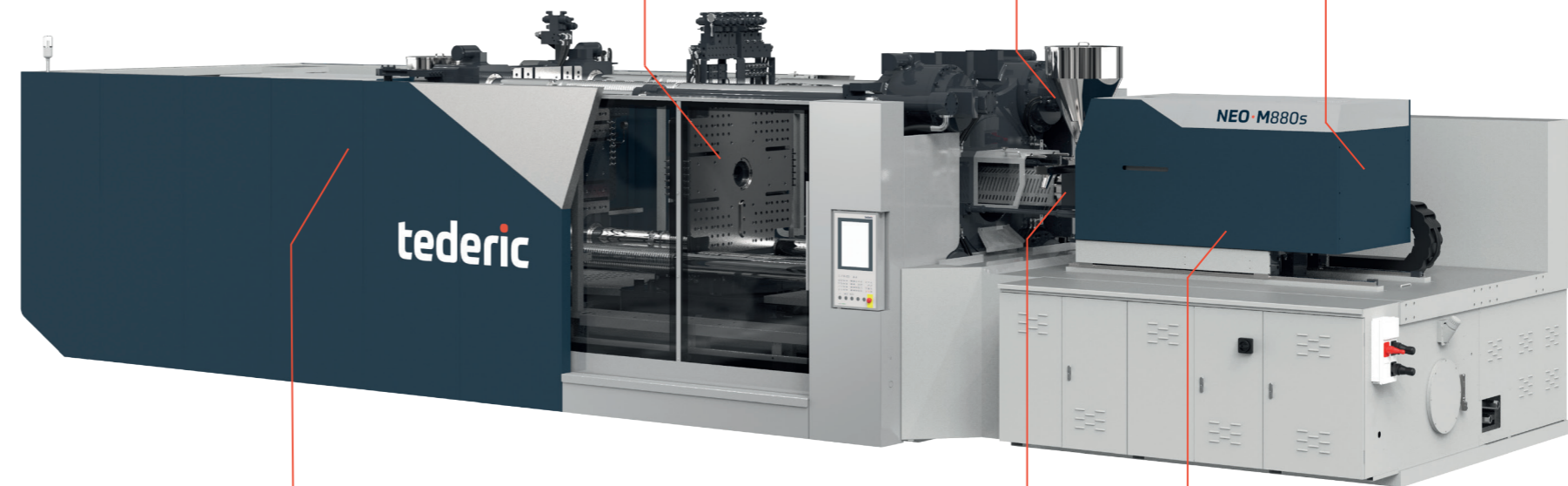


Built-in high pressure mold clamping cylinder

Forming clamping force quickly and spreading stress on mold evenly.

Sub-injection unit can be matched

It can be equipped with Multimold™ multi-color technology to realize the function derivation of the machine.



Centralized lubrication device by manual pressure release for the carriage

Manual lubrication pump with pressure release + detection type grease distributor, uniform layout and elegant.

Modular selection of injection unit

Electric injection unit: The repeat positioning accuracy of the injection position is up to 0.01mm.

Single-cylinder one-line injection unit: low injection resistance, low inertia and quick injection response.

Parallel injection unit: More stable injection, good sealing.

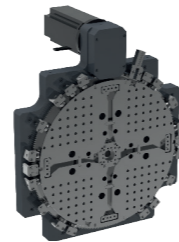
NEO·Mv

Multi-component IMM with vertical rotary turntable

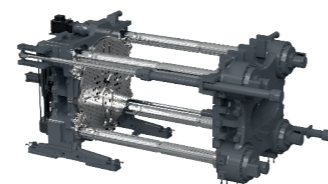
Technical Advantages

- Maximum dia. 2250mm rotary table
- Static pressure supporting device for the rotary table, maximum mold weight up to 30t
- Large mold space, applies to the large auto parts molds and larger multi-component products
- It can satisfy the production demands for multi-color and multi-component, achieve mixed color, multi-color, sandwich, multi-layer plastic injection forms
- Modular design and flexible structures realize maximum 6 injection units running simultaneously, and achieve more possibilities

Independent Spinsure-V vertical rotary platen
Vertical mold rotary platen can be an independent control unit, achieving modular design. Easy to install, maintain, and upgrade customer's existed equipment.



Static pressure support device for rotary platen
Vertical rotary platen adopts static pressure support and claws to ensure the load capacity of the mold, which can realize heavier mold adaptation and ensure stable running of rotary platen.



Parallel injection units with adjustable spacing

The two sets injection units adopt single-cylinder, one-line injection structure, features precise and efficient running. The space between the injection units is adjustable, which can adapt to various molds with different sprue distance. The injection unit can be moved horizontally, and used as single color machine.

