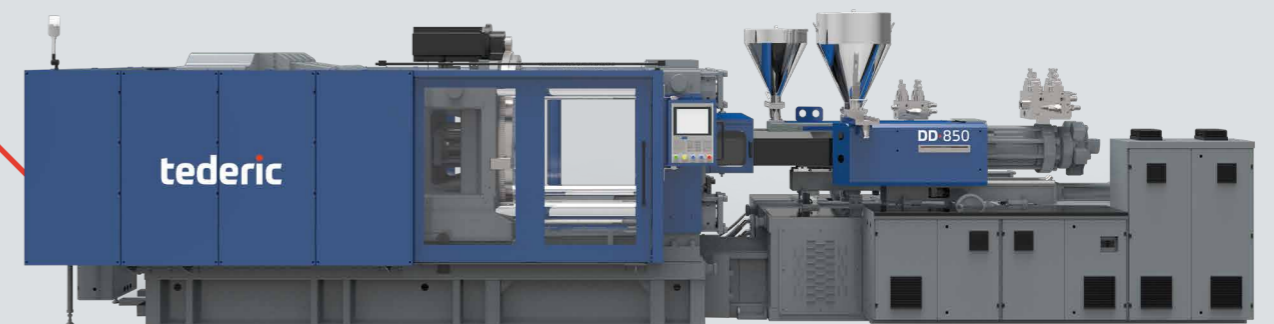


# discover DH.

Two-Platen  
Injection Molding  
Machine



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t.DH.202009.01

**tederic**  
SMART INJECTION

# DH.

## Two-Platen IMM

Tederic DH two-platen energy saving IMM formed complete production lines after decades manufacturing experience and continuously improving technology. Based on our own supply chains obtains good quality with competitive price from durability, humanization, efficiency, etc.

Its super-huge mold space and large opening stroke are widely used among high-end auto parts, deep cavity packages and environmental friendly construction industries .Up to now, we are the top solution provider for BMW ,Benz,VW etc.

Clamping force:480t – 7000t

Stable, Precision, Efficient, Energy-saving

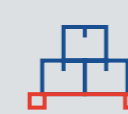
### Main application sectors



Automotive



Home Appliances



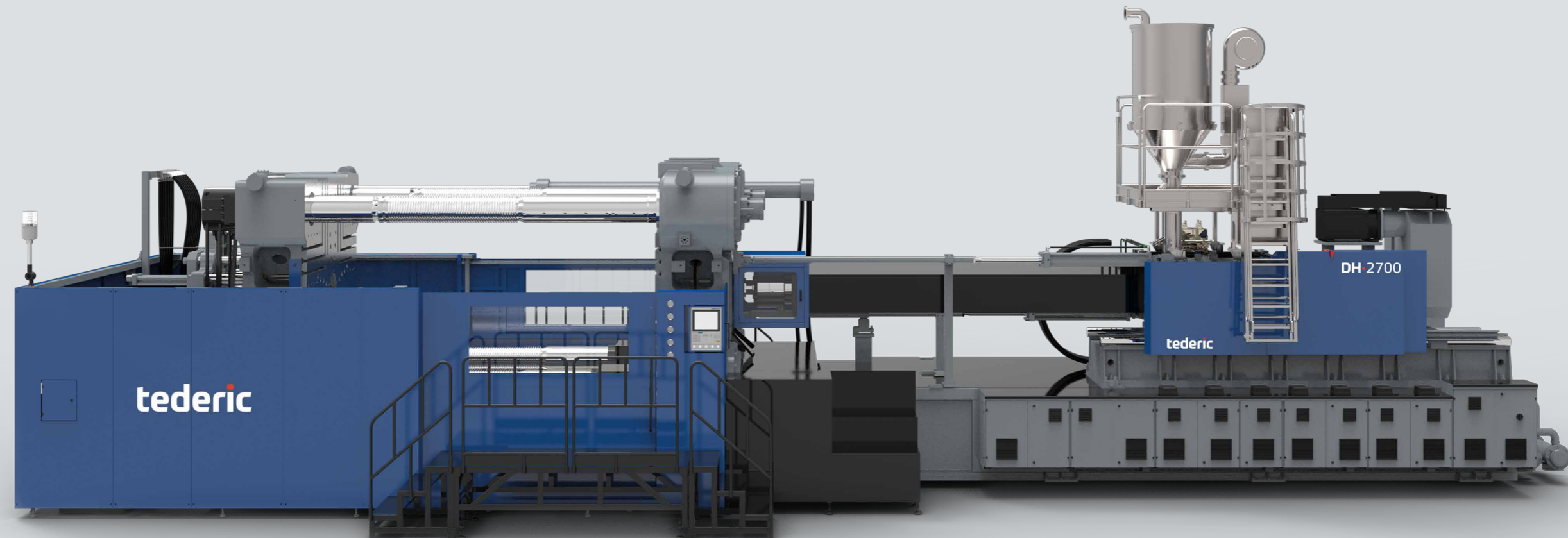
Logistics



Environmental Protection



Commodity



# DH.

## Clamping Unit

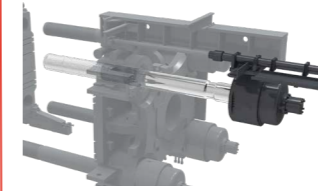
### Technology Advantages

- Clamping stroke can be customized.
- Max. Daylight can reach to 6700mm.
- Tie bar deflection  $\leq 4\%$ .

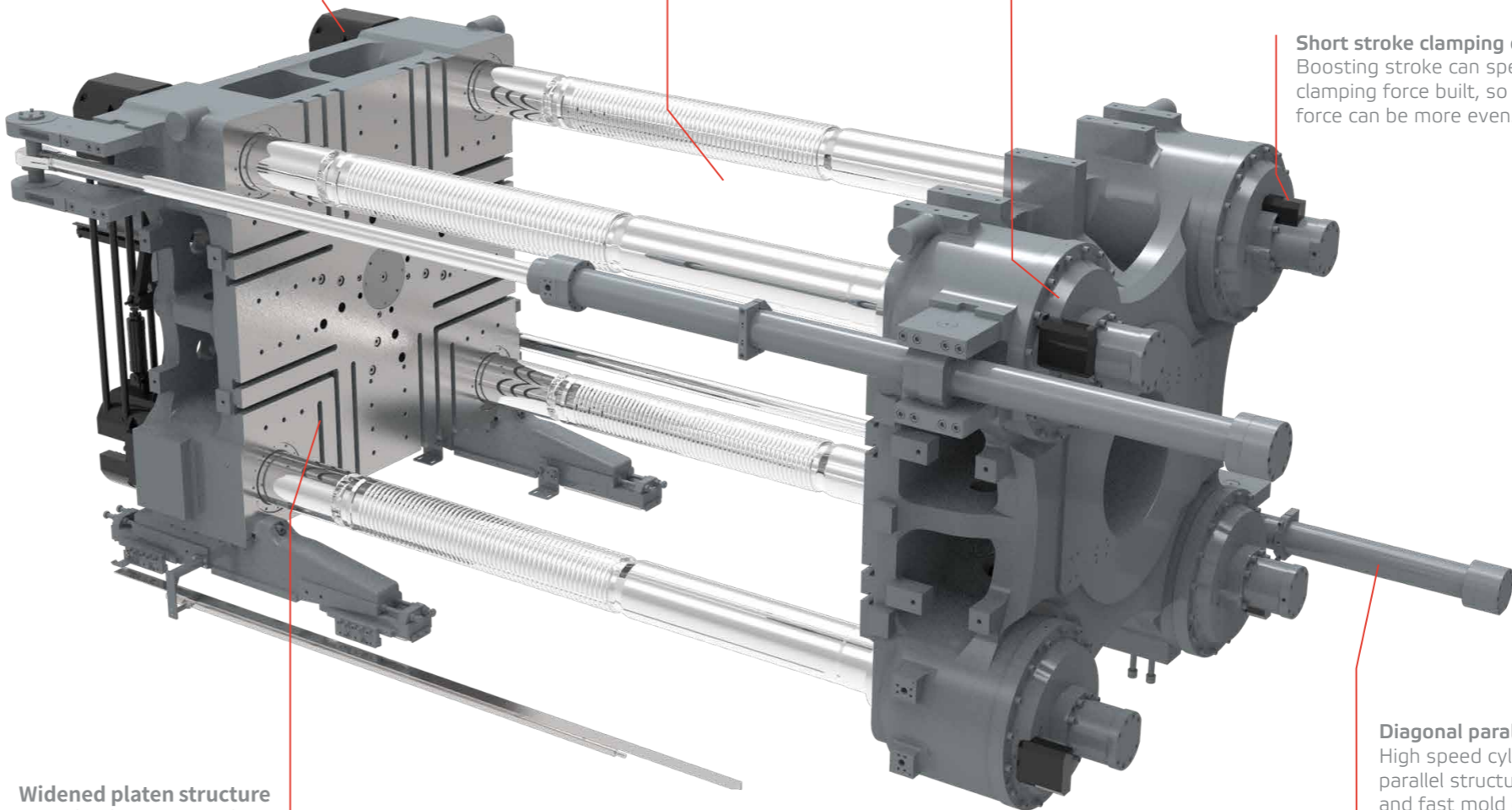
**Stable synchronous lock structure**  
Lock cylinder with buffer unit.  
Accurate alignment without impact, stable tie bar position with even force.

**Huge mold space and opening stroke**  
Flexible for more molds.

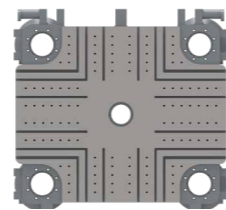
**Pullsure™ technology**  
Solves customer factory height limits, improves mold change efficiency.



**Short stroke clamping cylinder**  
Boosting stroke can speed up clamping force built, so mold force can be more even.



**Widened platen structure**  
Under the same machine model, widen platen is optional, more flexible for auto parts production.



**Diagonal parallel cylinder structure**  
High speed cylinder with Diagonal parallel structure, guarantees stable and fast mold clamping & opening, shortens dry cycle time.

# DH.

## Injection Unit

### Technology Advantages

- Modular design offers customer a wider range of choices.
- Stable injection end control guarantees the repeat accuracy of product.
- Hopper temperature controlling tolerance  $\leq \pm 0.5^{\circ}\text{C}$ .

**Balanced double cylinder structure**  
Double cylinders on barrel two sites ,guarantee precise and stable injection ,with good seal function to avoid material leakage .

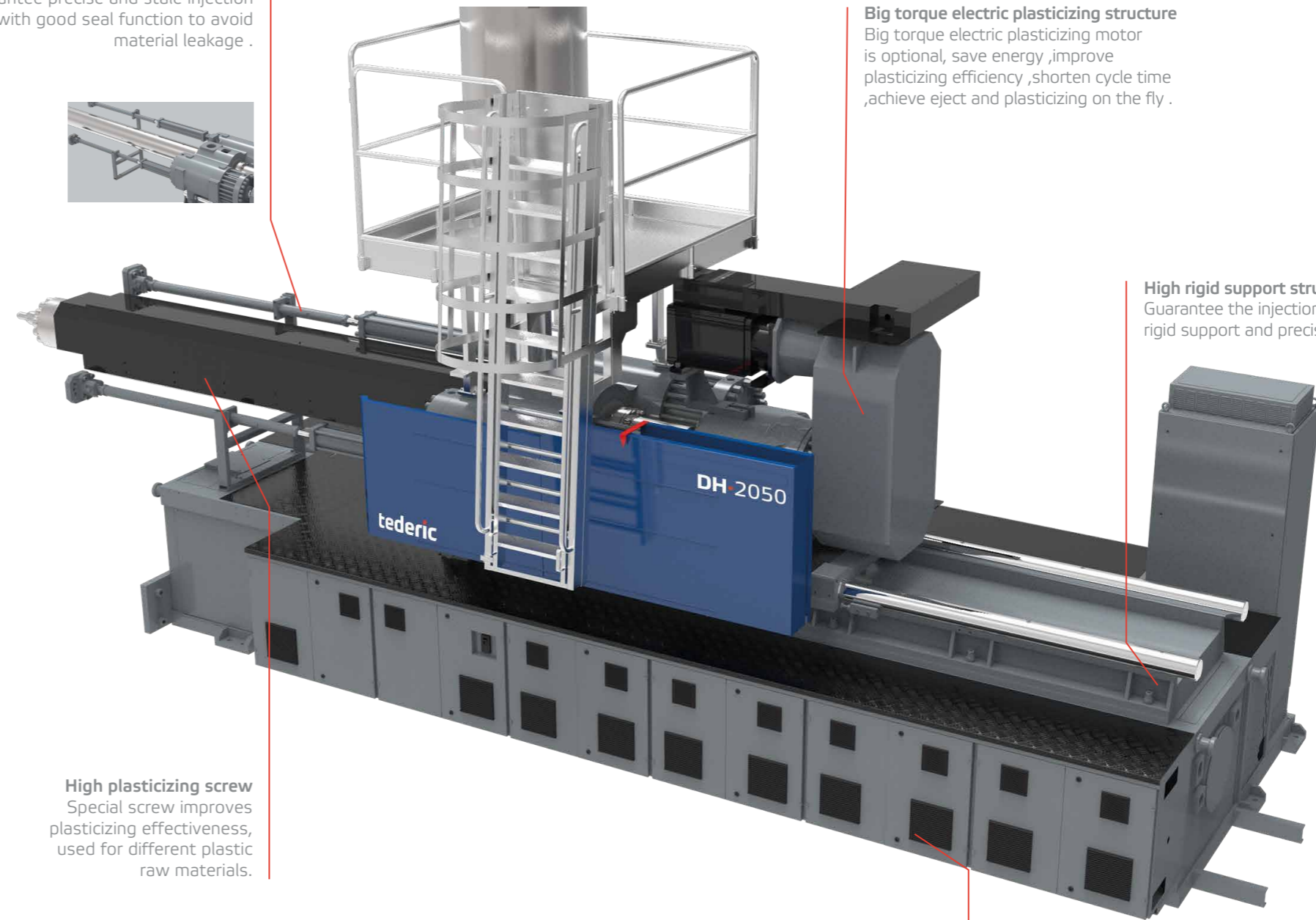


**Big torque electric plasticizing structure**  
Big torque electric plasticizing motor is optional, save energy ,improve plasticizing efficiency ,shorten cycle time ,achieve eject and plasticizing on the fly .

**High rigid support structure**  
Guarantee the injection unit with stable rigid support and precise movement .

**High plasticizing screw**  
Special screw improves plasticizing effectiveness, used for different plastic raw materials.

**High rigidity injection unit frame**  
With independent control cabinet and motor-pump house, easy for installation and transportation.



# DH.

## Electric & hydraulic

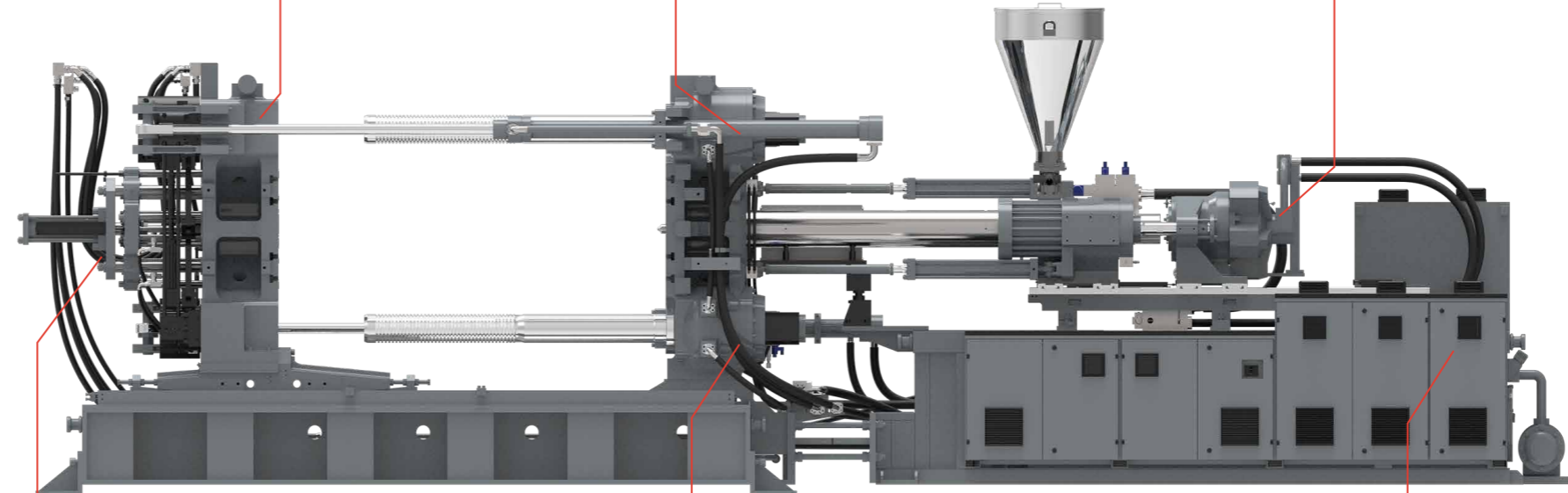
### Technology Advantages

- All series machines completely meet GB22530 and EN201 Hydraulic Safety Standard.
- Powerful software platform ,fast and convenient programing
- Functions customizable, more humane and flexible.

**Accurate control for mold opening & clamping**  
Using mold opening & clamping predict formula, shorten its time greatly .Combined with proportional direction valve guarantee stable mold opening & clamping.

**International standard control system**  
Touch screen operation, flexible control system, highly optimized industry dedicated integrated module, suitable for auto parts, thin-walled, precision injection molding.

**Flexible hydraulic motor**  
Match different requirements of injection unit.



**Reasonable oil, water, electricity layout**  
Centralized system layout at the back of moving platen, more clean, elegant and safe.

**Efficient servo boosting pump**  
Boosting fast and steady.

**Modular design of electric control cabinet**  
Independent electric cabinet is designed based on high and low voltage, safer and more reliable.

