



HAITIAN

PLASTICS MACHINERY

WE CREATE ADVANTAGE

RELIABLE . MODULAR . EFFICIENT

CREATE YOUR ADVANTAGE WITH OUR SERVO-HYDRAULIC INJECTION MOLDING SOLUTIONS



High tech applications
Electric machines
Latest technology
High quality components



Standard applications
Hydraulic machines
Cost efficient
Solid and high quality



Intelligent applications
Turn-key solutions
Smart manufacturing
Information, integration
and control



海天集团
HAITIAN GROUP

THE COMPANY.

MORE THAN 50 YEARS OF EXPERIENCE.

Haitian was first established with 100 RMB of starting capital. In over five decades the founders, with their passion, persistence and technological specialist knowledge, have created reliable machine concepts with crucial competitive advantages for the customers in the plastics processing industry. Haitian is not only a company name. Haitian, in the Chinese language and culture, means "sea" (hai) and "sky" (tian). Right from the beginning we have incorporated our vision into this concept. For us, water typifies dignity – it stands for the diversity of technological potential. The sky, on the other hand, knows no limitations – it allows every imaginable step forward. From the beginning, this ideal has always been the motivation for us to invest a great deal of energy and capital into our product improvement. Today Haitian enjoys an excellent image worldwide as a brand name. On the one hand, our quality, high-grade machines fulfill the requirements for precision and profitable efficiency demanded by our international customers. And on the other hand, Haitian is valued for its customer-oriented and comprehensive service. In this tradition, we are a reliable partner for our customers, as well as a good employer for our employees.



HISTORY.

WE HAVE INCORPORATED OUR VISION INTO A CONCEPT.

1966

Mr. Zhang Jinzhang establishes Haitian in Ningbo



1974

Delivery of the first injection molding machine (30 g injection volume)



1966

1974

1984

1989

1994

1998

1984

Registration of the brand name "Haitian"



1989

First Haitian Export machine shipped to Greece



1994

Haitian becomes the No.1 for sales volume worldwide. And still holds this position today

1998

Establishment of a joint venture with the Demag Plastic Group. (mutual dissolution in 2005)

2001

Opening of Haitian subsidiary in Turkey

2004

Haitian builds the largest-ever Asian injection molding machine of its time with 40,000 kN clamping force

2005

Energy- efficient operating technologies enlarge the portfolio. Establishment of Ningbo Haitian Huayuan Machinery Co. Ltd.



1998

2001

2003

2004

2005

HISTORY.

WE HAVE INCORPORATED OUR VISION INTO A CONCEPT.

2006

Haitian International Holdings Ltd. has their initial public offering, and is listed on the Main Board of the SEHK (Stock Exchange Hong Kong)



2010

Haitian's machine output exceeds 30,000 units

2007

Opening of Haitian Huayuan South America

2008

Opening of two Technology Centers in China south and east

2009

Commission of Haitian Technology in Ningbo (Haitian road plant)

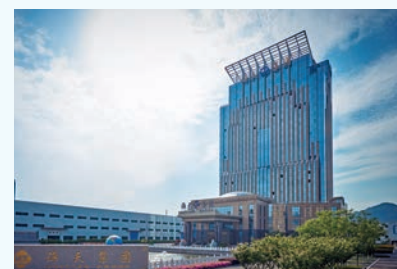
2012

Introduction of 2nd generation



2013

News from TongTuLu: JUwith 66000kN is biggest machine delivered; Opening of the new Haitian Group Headquarters in Ningbo, China



2006

2007

2008

2009

2010

2011

2012

2014

Grand Opening of Haitian subsidiary in India



35000

2017

Annual sales and production exceeding 35,000 units

2018

New factory in India; New building in Turkey



2019

New factory in Mexico; Introduction of 3rd Generation Technology



3rd GENERATION TECHNOLOGY

NEW DEVELOPMENTS
NEW MODULARITY
OPEN INTEGRATION

2015

Haitian International raises its brand visibility on Times Square, New York; Establishment of Haitian Huayuan's subsidiary in Mexico



2016

50th anniversary of Haitian establishment; Operation start of Haitian Tongtu Road Plant; Establishment of Haitian Huayuan's subsidiary in Thailand



2013

2014

2015

2016

2017

2018

2019



GLOBAL NETWORK.

CLEAR COMPETITIVE ADVANTAGE FOR OUR CUSTOMERS.



Headquarter in China



- Germany**
- Located in Ebermannsdorf
 - Sales and service for German market
 - Training and technical support for customers and distributors in 18 countries
 - Manufacturing site with 12,000 sqm



- India**
- Located in Gujarat
 - Sales and service organization
 - Manufacturing site with 19,800 sqm
 - Application center for mold testing



- Brazil**
- Located in Sao Paulo
 - Sales and service organisation
 - Manufacturing site with 4,600 sqm



- Thailand**
- Located in Bangkok
 - Sales and service organization
 - 1,400 sqm for service and stock control
 - 200 sqm application center for mold testing



- Vietnam**
- Located in Binh Duong Province
 - Sales and service organization
 - Manufacturing site with 6,600 sqm
 - 80 sqm application center for mold testing



- Mexico**
- Located in Mexico City
 - Sales and service organization
 - 2,300 sqm for service and stock control
 - 200 sqm application center for mold testing



- Turkey**
- Located in Istanbul
 - Sales and service organization
 - 5,000 sqm site for machine and spare parts stock
 - Application center for mold testing



- Indonesia**
- Located in North Jakarta
 - Sales and service organization
 - Application center for mold testing
 - 3,000 sqm for service and stock control

STRATEGICALLY POSITIONED.

OUR PRESENCE IN CHINA.

7

1

2

3

4

5

6

8



1 Haitian Headquarter



2 Huayuan Export Plant



3 Haitian Road Plant



4 Tongtu Road Plant



5 Jiangnan Road Plant



6 Dagang Plant



7 Wuxi Plant

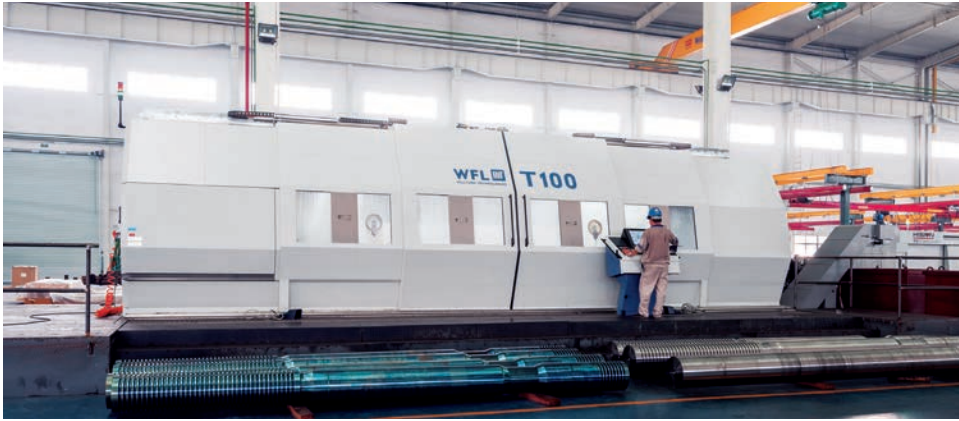


8 Guangzhou Plant

MANUFACTURING POWER IN CHINA.

LEAN PRODUCTION.





ASSEMBLING POWER IN CHINA.

EXPERIENCE FOR MORE THAN 50 YEARS.



Haitian injection molding machines and technology components are currently manufactured at eleven locations, depending on the construction series, category of clamping force and customer specifications. We have automated production lines and well motivated employees, in a total production area of about 1,300,000 sqm. Our lean organizational structures, efficient operating procedures and modern equipment guarantee high production efficiency and flexibility with which we are able to

meet customer needs on attractive terms, with proven quality. Our steady focus is on innovative customer solutions for standard applications and the greatest production efficiency. We do this through the constant search for improvements in our own manufacturing processes, and by using energy-saving technologies that concentrate on what really counts for our customers: low item costs, high efficiency and optimal performance data over the long term.



Production area
1,300,000+ sqm



Employees
6,300+



Production output
2018: 35,000+ machines

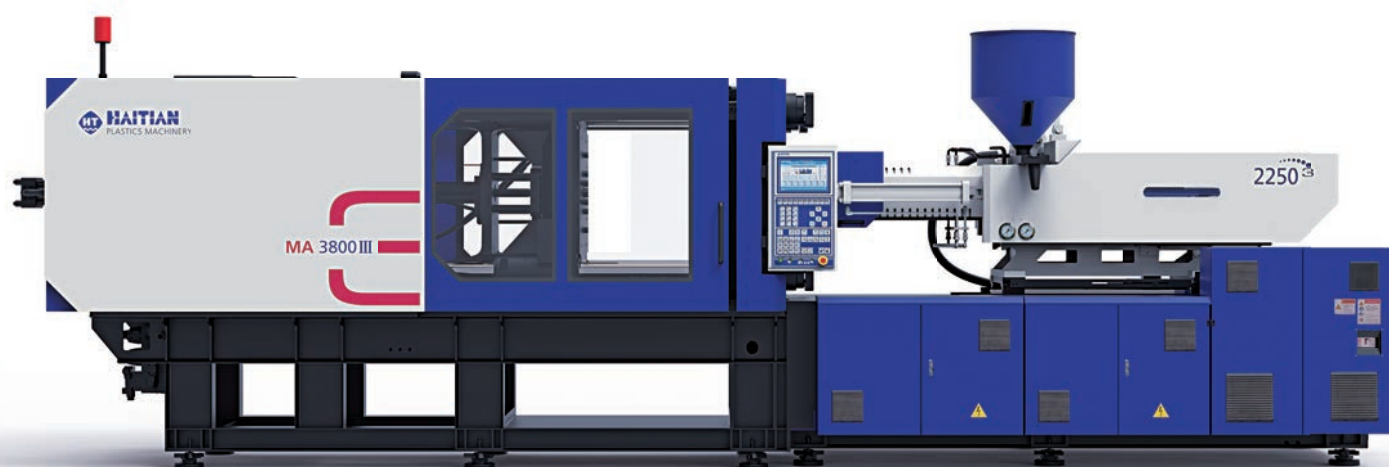


HAITIAN MARS III SERIES.

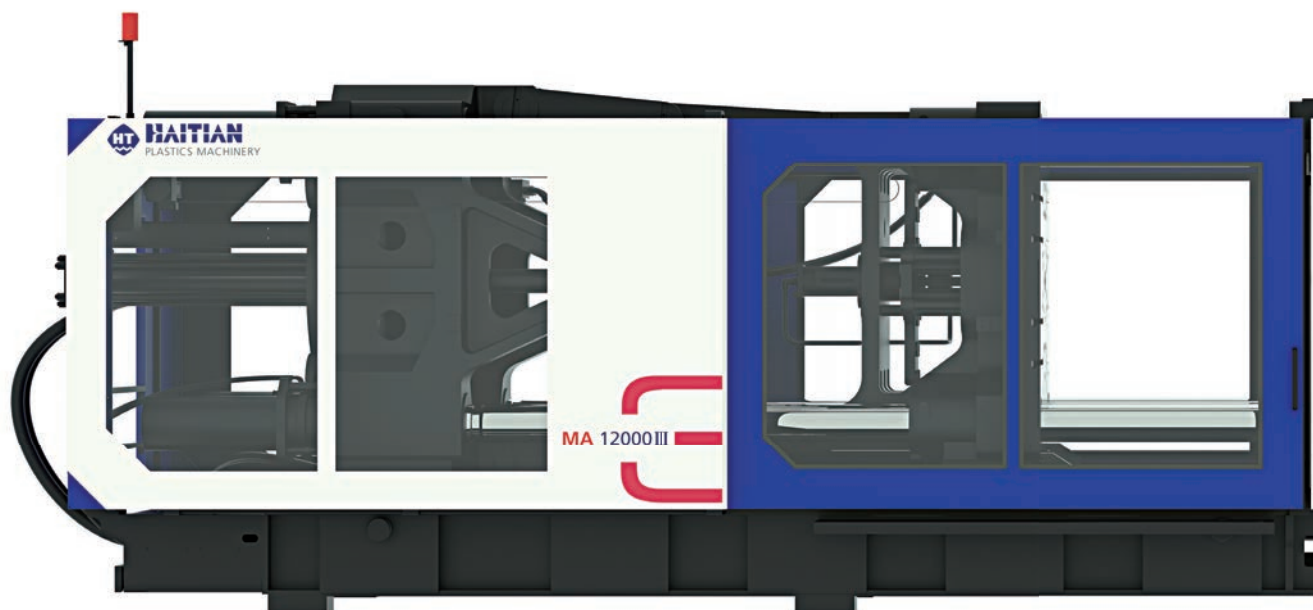
THE ECONOMIC SOLUTION WITH CLAMPING FORCES FROM 600 TO 33,000 KN.

The new Mars III Series contains various innovations for even more stability, precision and process efficiency. The new clamping unit with optimised servo-hydraulic technology reduces production cycles while simultaneously increasing energy

efficiency. A convenient control system offers numerous possibilities for evaluating individually and for optimising the productivity of the whole system.



MA 3800III/2250



Highlights

○ Precise

Low-friction linear guides ensure parallelism of the platen while reducing operating energy

○ GreenVantage



The highly efficient and energy saving "Mars Technology", highly dynamic and sensitive with higher efficiency and lower energy consumption

○ Strong injection molding capability

With wider range of injection process coverage and flexible combination of different injection units

○ Intelligent control

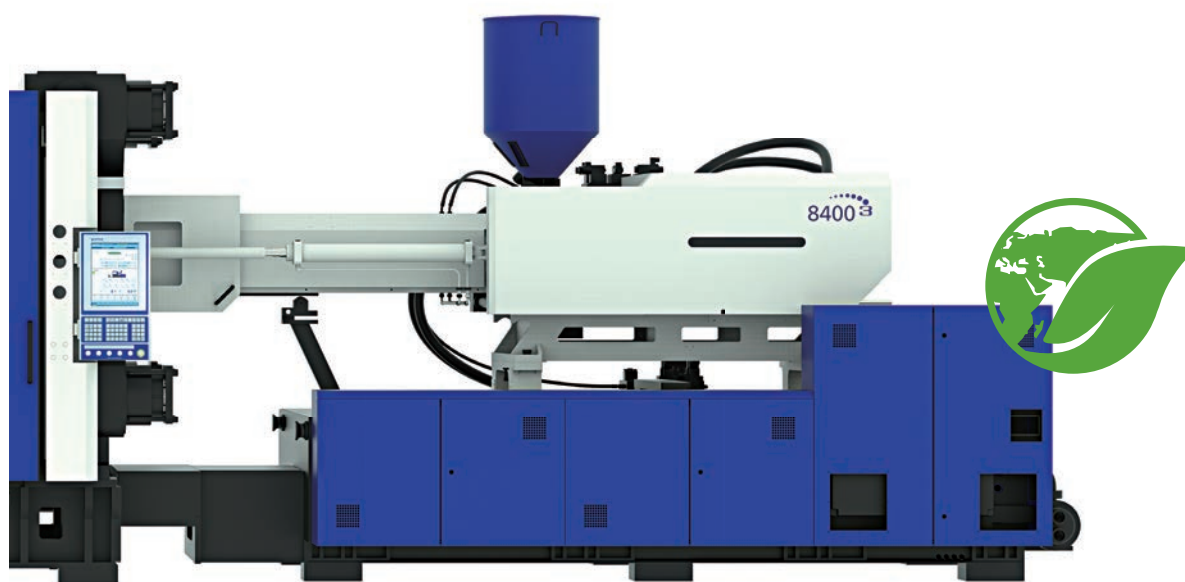
Intelligent core components with precise digital control, compatible with all common interfaces; user-friendly HMI

THE OPTIMISED MASTER OF EFFICIENCY.
WITH CLAMPING FORCE FROM

600-33,000 KN

SOLD MORE THAN

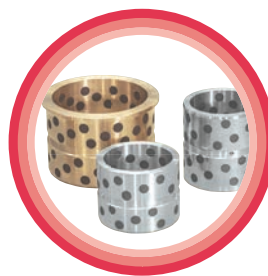
230,000 UNITS



MA 12000III/8400

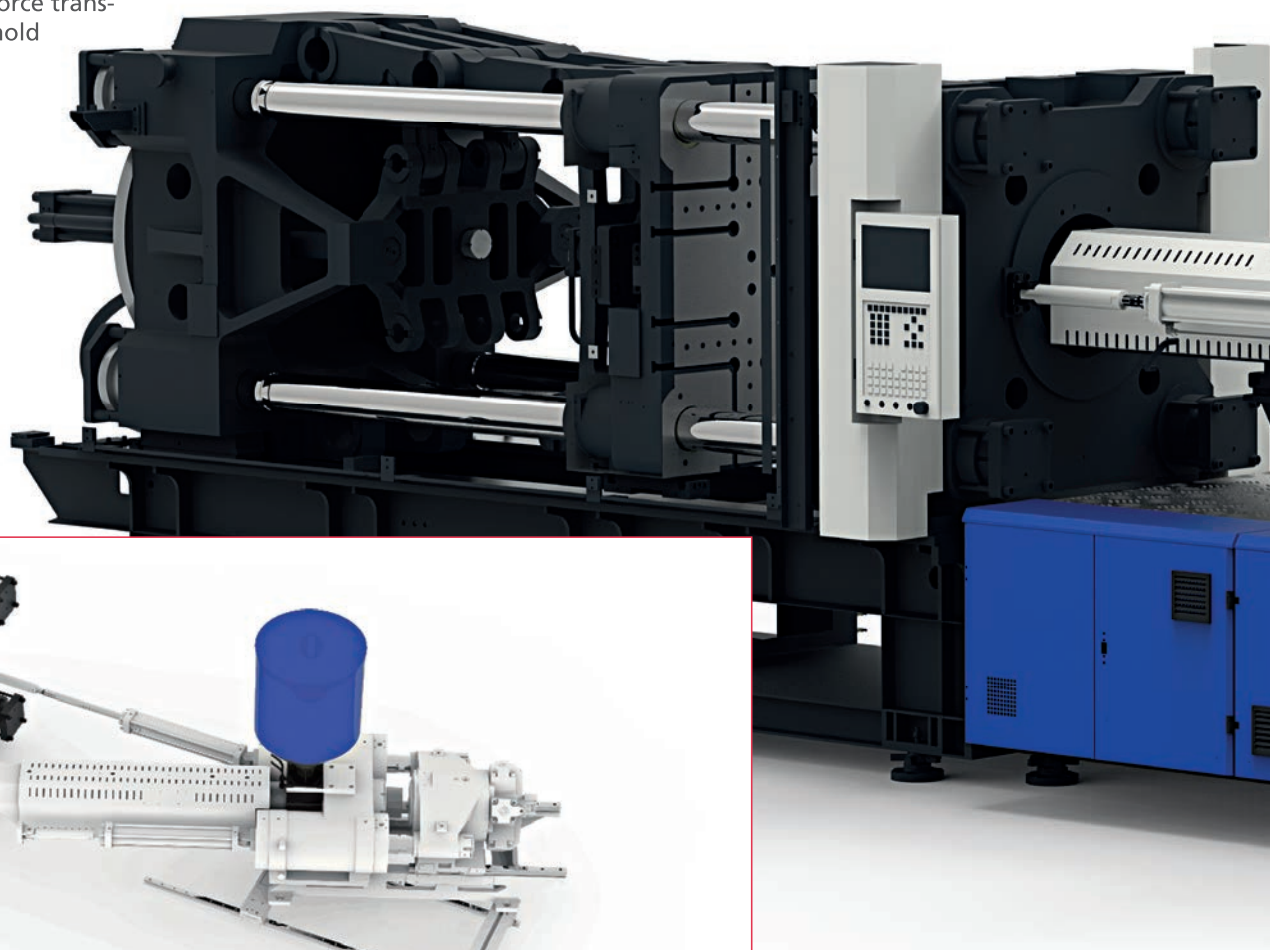
HAITIAN MARS III SERIES.

PRODUCT DETAILS.



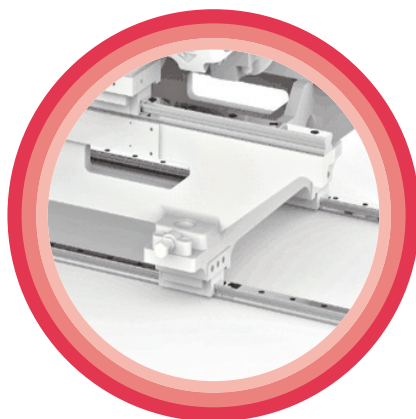
New graphite/steel bushings providing better lubrication and lower lubrication consumption which improves the life of the clamping unit

Optimised platen design for centralised force transmission to the mold

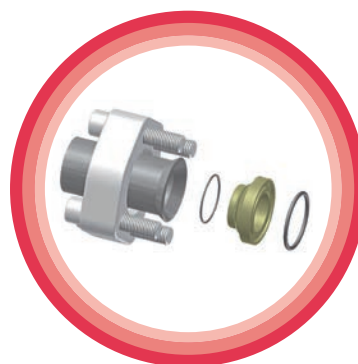


The swiveling injection unit for easier replacement and maintenance of screw and barrel

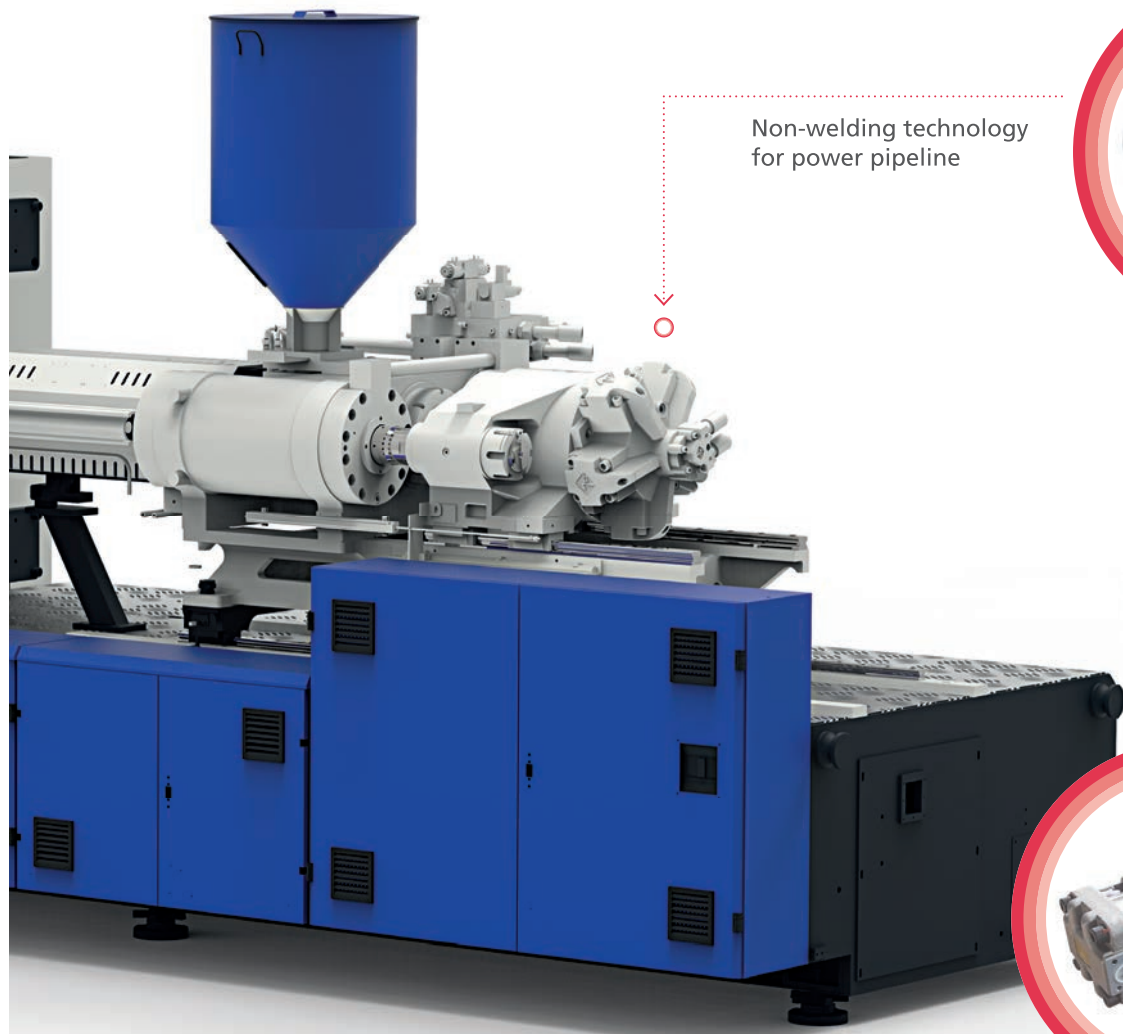
Injection and the main moving parts are supported by linear guides, with lower friction coefficient, higher operation accuracy, and less energy consumption



Non-welding technology for power pipeline



Highly dynamic power unit based on new internal gear pump featuring high speed, low noise and high efficiency, with integration of high performance servo motor



HAITIAN JUPITER III SERIES.

THE SPACE SAVING SOLUTION WITH CLAMPING FORCE FROM 4,500 TO 88,000 KN.

The innovative Haitian Jupiter III Series offers numerous options for the future. Typical are the two specially designed clamping plates and large mold open strokes that give the processor access to an

unusually broad process spectrum for the most varied applications e.g. automotive, packaging industry, logistics or production of white goods.



JU 10800III/8930



Highlights

○ Fast cycle

Fast and smooth mold open/close movement and fast clamping in short strokes, greatly shortening the cycle time

○ Large mold area

Extended opening and ejection stroke for diversified application needs

○ GreenVantage



The highly efficient and energy saving power unit, highly dynamic and sensitive with higher efficiency and lower energy consumption

○ Small footprint

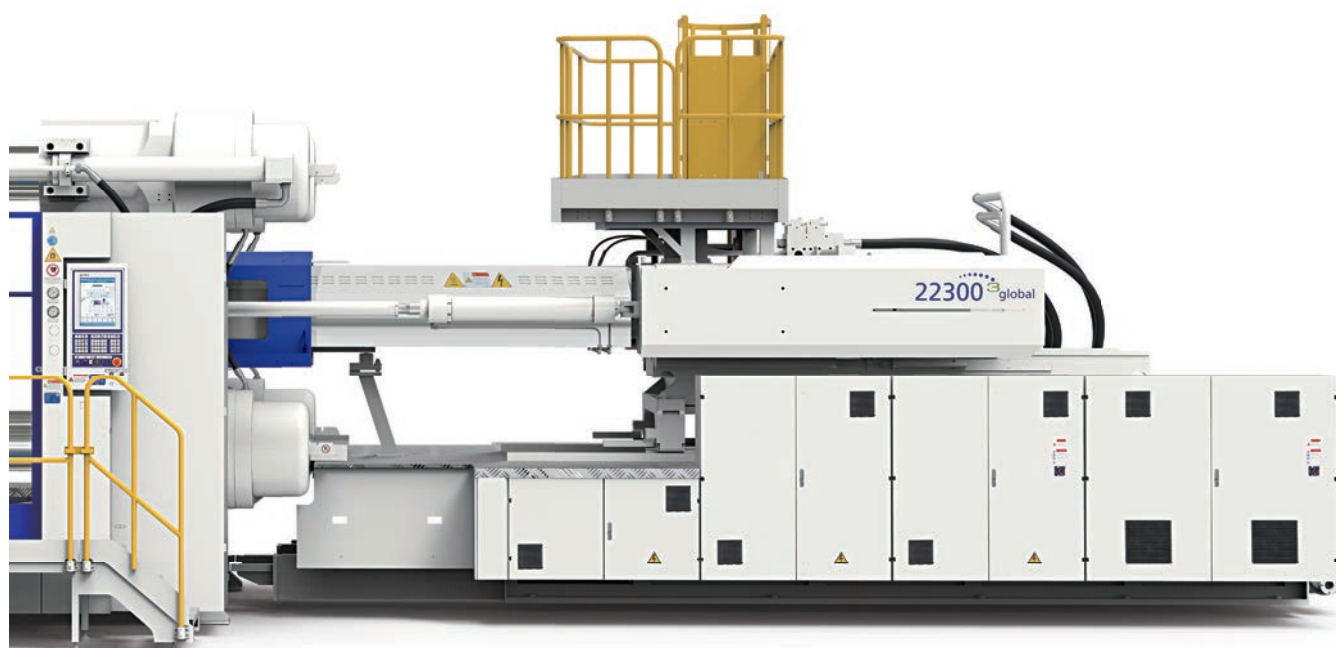
The compact structure of the machine offers higher productivity per sqm

○ Intelligent control

Intelligent core components with precise digital control, compatible with all common interfaces; user-friendly HMI

○ Strong injection molding capability

With wider range of injection process coverage and flexible combination of different injection units



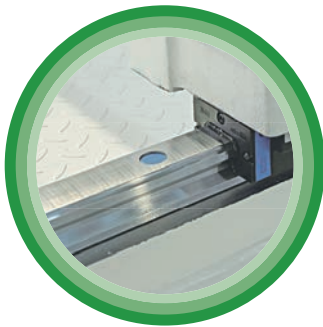
JU 24000III/22300

HAITIAN JUPITER III SERIES.

PRODUCT DETAILS.



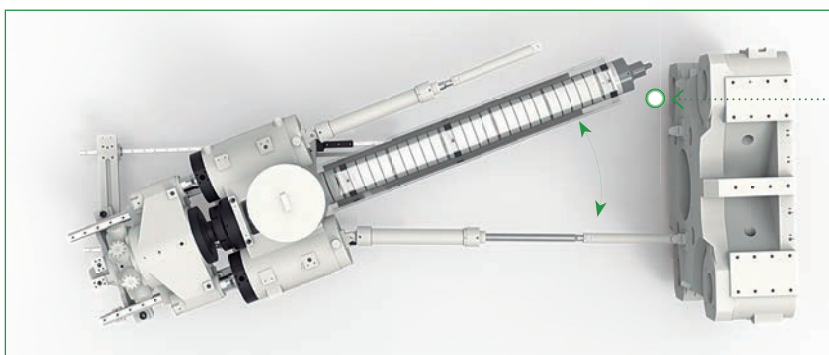
Linear guides of the rear platen of injection unit, lower friction but faster response



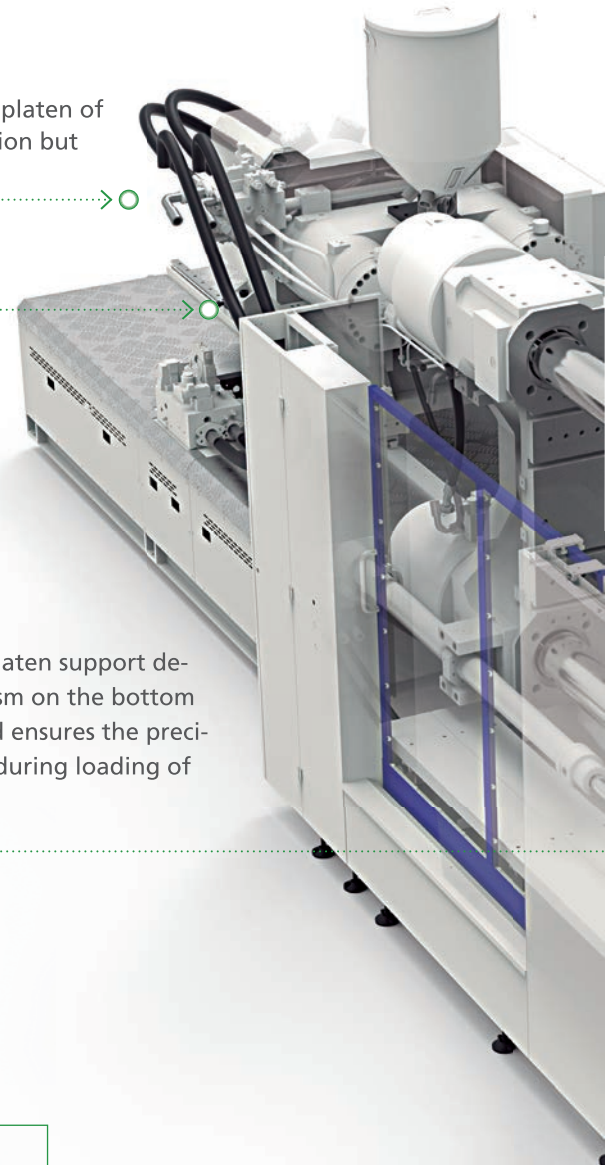
Twin cylinder balanced injection system, with support of linear guides for improved operational precision



High-rigidity movable platen support device and guide mechanism on the bottom and side of machine bed ensures the precision of movable platen during loading of heavy molds



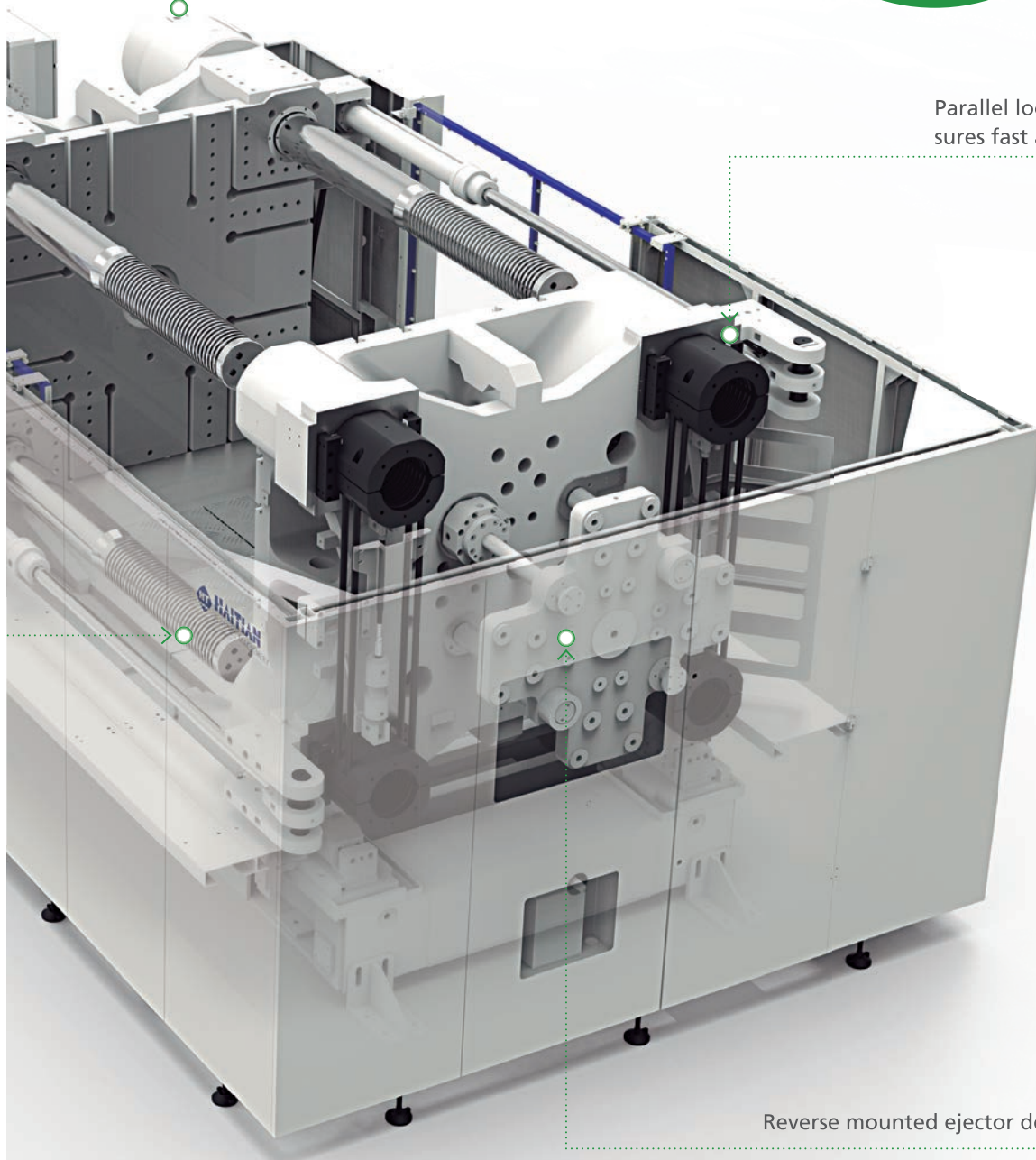
The swiveling injection unit for easier replacement and maintenance of screw and barrel



The four short-stroke clamping cylinders on the fixed platen enable a quick set-up of the clamping force on the mold. Real-time monitoring through the pressure sensor contributes to the high repeatability of the clamping force



Parallel lock nut operation ensures fast and accurate response



Reverse mounted ejector device

VARIETY OF APPLICATIONS.

FLEXIBILITY IS THE KEY TO THE FUTURE.

Our servo-hydraulic injection molding machines cover a wide range of applications, with clamping forces from 600 up to 88,000 kN. We are able to provide our customers a big potential in plastics processing for their industries like automotive,

logistics, medical, packaging or consumer goods. Economic solutions for mass markets, efficient standard applications or comprehensive turnkey solutions. Competitive advantages always included.





WHITE GOODS



CONSUMER GOODS



AUTOMOTIVE



LOGISTIC

SERVICE TO THE POINT.

100% FOCUS ON CUSTOMER SATISFACTION.

Over 50 years of experience provides us with solid foundation to take care of what our customers really need. We have been sustainably developing our service team and service skills from learning from the past and accumulation of practical experience. However, we are never satisfied and always keep on improving and continuously expanding our offer to the customers in terms of service and therefore have established an optimal and complete system for after-sales service. Our service further improves the reliability of our products, which has been widely recognized in the markets both in China and abroad. Our service network has reached out to

almost everywhere in China, which enables our customers to enjoy the most reliable and efficient service, no matter where they are. However, we understand that "There is nothing best but better!" Our efforts to provide better service to our customers have never ceased. With principle of "Sincere Service, Sustainable Pursuit of Perfection", we actively seize the opportunity for development and make steady progress with innovative and excellent ideas. We focus on practical and reliable solution while keeping an eye on a more modern, more international-oriented approach, which helps us to further contribute to the new image of a Chinese enterprise!



Our Principle

Sincere service
Sustainable pursuit of perfection



Our Promise

Customer oriented service
24/7 service hotline*



Our Standard

Visit on time, finish as soon as possible
Settlement at one time



Our Target

Timely and highly efficient service
Customer satisfaction

**) Offered by all service centers in China*



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