



HAITIAN
— **ABSOLUTE**

2021 NEW PRODUCTS SHOWCASE

INTRODUCING GENERATION 3

3rd GENERATION TECHNOLOGY

NEW DEVELOPMENTS
NEW MODULARITY
OPEN INTEGRATION

**NEW EFFICIENCY, NEW FLEXIBILITY AND
NEW OPPORTUNITIES FOR THE FUTURE**

ELECTRIC LIVE PERFORMANCE



MEDICAL / ALL-ELECTRIC • CLEANROOM READY ZHAFIR VENUS III SERIES

The all-electric Zhafir Venus Series is the basic technology of all Zhafir electric machines. The VE thus defines the high technological standard for all of the Zhafir Series. Exemplary in energy efficiency. Highly precise and very clean in operation (no oil). Ideal for medical applications.

- 44 to 899 US tons
- Fast acceleration and speed
- High precision
- Extremely energy efficient
- High mold protection
- Quiet in operation
- 15-inch SIGMATEK controller

Machine typeVE 600 III-120

Application Medical
Cavities. 2
Part weight2 grams (0.7 ounces)
Material..... PP
Cycle time5 s
Machine specs67 US tons, 1.83 oz. shot (PS)



Medical component

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MEDICAL / ELECTRIC • MULTICOMPONENT ZHAFIR ZERES III MULTI

Electric multi-solutions from Zhafir offers all the advantages of electric machine technology: precise, quiet, energy-saving, maintenance-friendly and extremely flexible integration into upstream and downstream automated production processes. Available with electric rotating table or electric indexing platen. Configurations:

- Vertical
- Horizontal "L"
- Parallel
- Piggyback
- Opposing

Machine typeZE 1200KM-160h/V80h

Application Medical syringe plunger
Cavities. 8
Part weight PP: 0.86 grams (0.03 ounces)
..... TPE: 0.15 grams (0.005 ounces)
Material PP / TPE (ExxonMobil)
Mold partner. Boucherie
Cycle time 12 s
Machine specs 135 US tons, 1.83 / 0.67 oz. shot (PS)



Syringe plunger

SERVO-HYDRAULIC LIVE PERFORMANCE



FOOD PACKAGING / FAST CYCLING SERVO HYDRAULIC HAITIAN MARS III F

The world's best seller is more powerful and economical than ever before. Motion Plus and servo-hydraulic drives of the new Generation 3 ensure even more precise processes and movements of all axes. Optimized core technologies (system pressure, clamping unit, injection unit) further increase the efficiency and production quality of the world's best-selling injection molding machine.

- Energy-efficient drives
- New injection performance through closed loop
- Reduced resource consumption
- Available in high-speed "Mars III F" version

Machine type MA 3800 III/120 F Fast Cycling

Application Food container
Maximum wall thickness 0.39mm
Cavities. 4
Part weight 20.3 grams (0.72 ounces)
Material PP
Cycle time 5.5 s
Machine specs 427 US tons, 25.39 oz. shot (PS)
Automation Hilectro high-speed V5-1100 robot



Food packaging container

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CONSUMER GOODS / TWO-PLATEN SERVO HYDRAULIC HAITIAN JUPITER III WITH IMFLUX

The Haitian Jupiter III Series offers a very wide range of applications thanks to its efficient two-platen technology, large mold cavity and customer-oriented design - with countless possible combinations on a minimum footprint. Whether waste containers, logistics boxes, white goods or high-tech precision parts with high surface quality: the JU III Series delivers optimum results.

- Available from 500 to 7,400 US tons
- Space-saving two-platen design
- Fast response times
- High positioning accuracy (± 0.05 %)
- Short dry cycle times
- Latest control technology from KEBA
- Wide-platen models available

Machine typeJU 5500 III/3430

ApplicationHousewares
Part.(2) Bowls, (1) Lid, (4) Measuring Spoons
Part Weight330 grams (11.64 ounces)
Cavities.7
MaterialPost-consumer recycled PP (Braskem)
Cycle time19 s
Machine specs618 US tons, 45.7 oz. shot (PS)
AutomationHilectro top-entry robot,
Fanuc 6-axis collaborative robot
TechnologyiMFLUX advanced material
processing control



Housewares transitioning
from PP to PCR

iMFLUX
» FEARLESS INNOVATION

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JUNE 10, 2021 OR ON DEMAND

VIRTUAL EVENT INTRODUCES GENERATION 3 TECHNOLOGY

NPE 2021 may be cancelled but Absolute Haitian is still introducing the third generation of its world-leading molding machines to molders in the U.S. and Canada.

Attend the New Products Showcase on June 10 through an easy to navigate virtual trade show platform. Or sign up to see it on demand to fit your schedule.



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