

2021 NEW PRODUCTS SHOWCASE

INTRODUCING GENERATION 3



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 type	VE 600 III-120
Application	Medical
Cavities	
Part weight	2 grams (0.7 ounces)
Material	PP
Cycle time	5 s
Machine specs 67 \	JS tons, 1.83 oz. shot (PS)



Medical component





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
Part weight
TPE: 0.15 grams (0.005 ounces)
Material
Mold partner Boucherie
Cycle time
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 typeMA 3800 III/120 F Fast Cycling

Application Food container
Maximum wall thickness 0.39mm
Cavities
Part weight 20.3 grams (0.72 ounces)
Material
Cycle time
Machine specs
AutomationHilectro high-speed V5-1100 robot



Food packaging container





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.

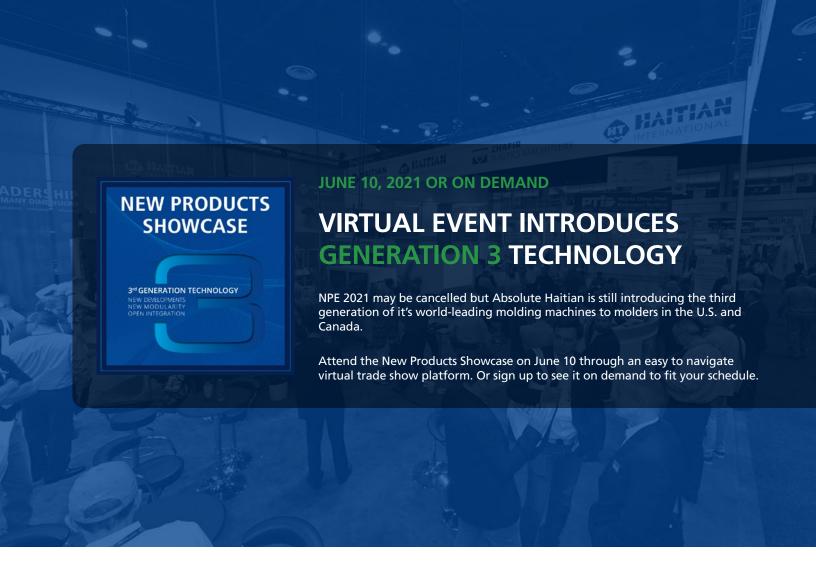
- Available from 500 to 7,400 US tons
- Space-saving two-platen design
- Fast response times
- High positioning accuracy (± 0.05 %)
- Short dry cycle times
- Latest control technology from KEBA
- Wide-platen models available



Housewares transitioning from PP to PCR

Machine type
Application Housewares
Part (2) Bowls, (1) Lid, (4) Measuring Spoons
Part Weight
Cavities7
Material Post-consumer recycled PP (Braskem)
Cycle time
Machine specs
Automation Hilectro top-entry robot,
Fanuc 6-axis collaborative robot
Technology iMFLUX advanced material
processing control







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