

# Batch centrifugals ZUKA®



→ 30 cycles per hour  
only with ZUKA®

#### Very high performance: 30 cycles per hour

- Patented double discharger reducing the discharging time
- Optimised basket geometry
- Maximum benefit with permanent magnet motor
- Compact design: easy to install in existing plant

#### Remote online supervision (through Internet access)

- Assistance by Fives Cail Centrifugal department

#### Optimised hygiene and maintenance

- Designed to exceed highest standards for refineries and major soft drinks industries
- Cleaning in agreement with the best CIP procedures
- Linear discharger: no sugar contamination
- Very large inspection doors for basket

#### The first evolutive centrifugal on the market

- Increase capacities from 10% to 15% with a second discharger whenever needed

With more than 4,000 batch centrifugals in the world, Fives Cail is the leading centrifugal manufacturer worldwide. Thanks to this long experience and this large success, Fives Cail has launched ZUKA®: its new range of batch centrifugals.

This new generation gathers outstanding innovations in the field of technologies: ZUKA® is the breakthrough in the centrifugal market.



ZUKA® battery - TURKEY

### Flexibility and large range of models



Capacity from 1,250 to 2,250 kg

Possible upgrade by adding a 2<sup>nd</sup> discharger

	D412	ZUKA®				
		1 500	1 750	2 000	2 250	
Capacity	kg	1,250	1,500	1,750	2,000	2,250
Basket diameter	mm	1,370	1,530	1,530	1,720	1,720
Installation pitch	mm	2,000	2,100	2,100	2,300	2,300
Maximum cycles per hour*		22 to 26	27 to 31	27 to 31	26 to 30	26 to 30

\* Depending on masscuite characteristics and drive

### Drive types available

AC Motor

DC Motor

HPM Motor

### Recommended drive: HPM Motor (Hybrid Permanent Magnet)

- ⬆ High efficiency: 2% higher than AC technology
- ⬆ Independent windings and assembly without glue
- ⬆ No thermal losses in the rotor
- ⬆ Large range of speeds at constant power



### Technical documentation on CD-ROM

- Interactive exploded view of component parts

### Remote online supervision

- For one centrifugal or a complete battery
- Assistance to your staff
- Fives Cail expert analyses

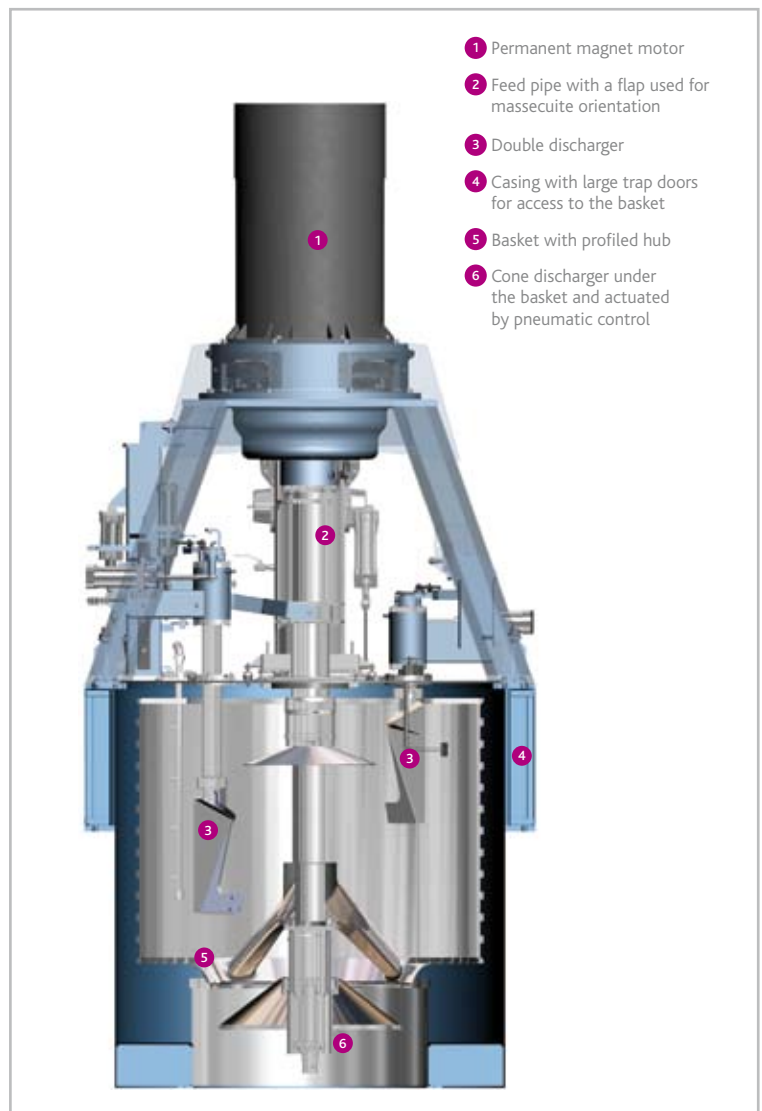


Simple configuration and choice of language (example: Thai)

- ⬆ Low operating cost
- ⬆ Ease of use
- ⬆ Cleanliness / Hygiene

- ⬆ Yield / Productivity
- ⬆ Safety

### New technology, new generation



- 1 Permanent magnet motor
- 2 Feed pipe with a flap used for masscuite orientation
- 3 Double discharger
- 4 Casing with large trap doors for access to the basket
- 5 Basket with profiled hub
- 6 Cone discharger under the basket and actuated by pneumatic control

Picture credits : MCG Production DK — Data for information only.