

NETZSCH Food & Confectionery offers the modular plant in five different sizes. In this way, requirements from 300 kg all the way up to 6,000 kg batch size and over 100 tons<sup>1</sup>/day can be met precisely. The NETZSCH system *RUMBA*® can be scaled up with high accuracy. Flexibility and easy cleanability are the primary advantages common to every model. Each model can easily produce white, milk and dark chocolate. In addition, all kinds of flavorings and additives can be mixed into the recipe anytime in order to reach new target groups or to surprise existing ones.



NETZSCH-Feinmahltechnik GmbH  
Sedanstraße 70  
95100 Selb  
Germany  
Tel.: +49 9287 797 0  
Fax: +49 9287 797 149  
info.nft@netzsch.com

<sup>1</sup>depended on the amount of systems

G&D · Flyer | System *RUMBA*® · EN · 09/20 · Technical specifications are subject to change.



43%

DI RISPARMIO ENERGETICO  
RISPETTO AI SISTEMI CONVENZIONALI

System *RUMBA*®

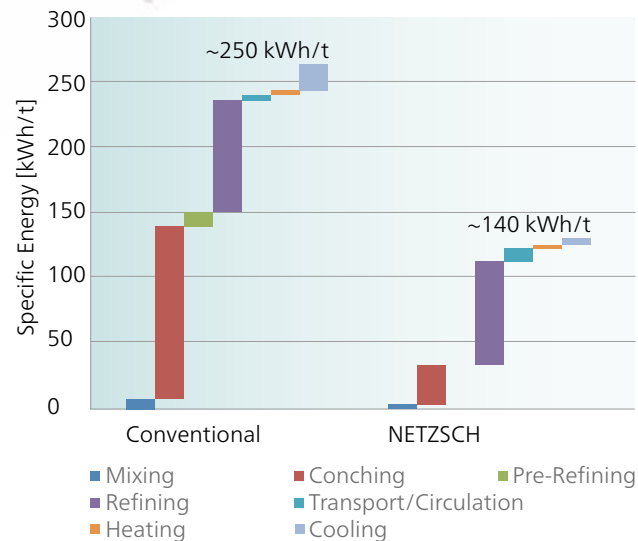
Highly Efficient Chocolate Production

# NETZSCH Food & Confectionery – System *RUMBA*®

## Complete Process for the Production of High-quality Chocolate

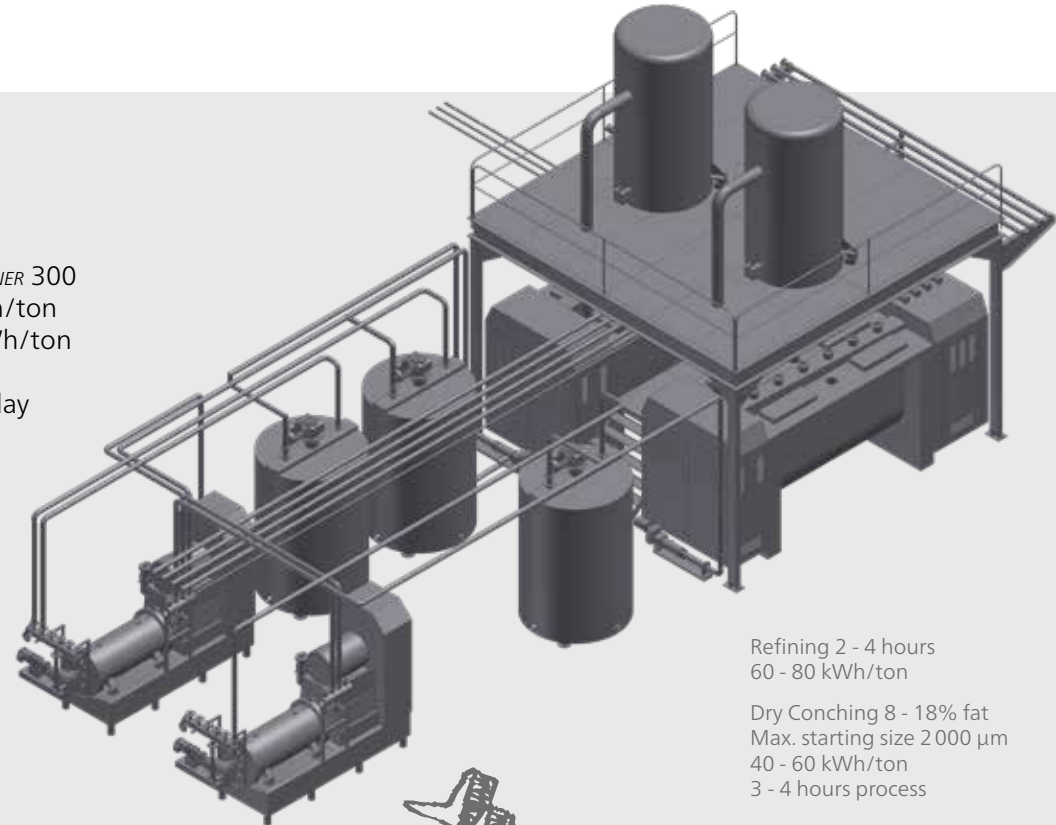
The system *RUMBA*® from NETZSCH Food & Confectionery is a complete process for the production of high-quality chocolate. From the basic ingredients cocoa mass, cocoa butter, crystal sugar and milk powder, you can produce your own dark, milk or white chocolate. With simple operation of the compact, closed system *RUMBA*® you can develop recipes according to individual needs.

Compared to other systems, the *RUMBA*® system is characterized by reduced requirements for energy, cooling water and space as well as considerably (dry conching within 3-4 h) shortened processing times, since the low fat content during conching and the grinding. The *CHOCO EASY*® process also allows you to save on cocoa butter and/or lecithin.



### NETZSCH Process

- 2 Conches 6 ton
- 2 Refiners *MASTERREFINER* 300
- Refining 60 - 80 kWh/ton
- Conching 40 - 60 kWh/ton
- Cycle 3 - 4 hours
- 100 m² for 48 tons/day
- 140 kWh/ton
- Simultaneous Steps



### Traditional Process

- 3 Conches 6 ton
- 3 Refiners
- Refining 90 - 100 kWh/ton
- Conching 100 - 150 kWh/ton
- Cycle ~ 8 hours
- 250 m² for 54 tons/day
- Total 250 - 300 kWh/ton
- Sequential steps

**43%**  
ENERGY SAVING COMPARED  
TO TRADITIONAL SYSTEMS