

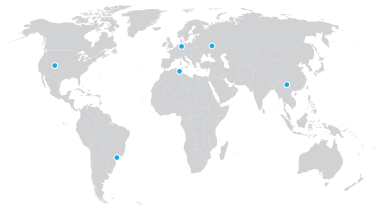
BMA services.

Throughout the life cycle of your plant.

More than 100 strong, the BMA team of engineers is the largest engineering force in the world for sugar, sweeteners and their by-products. We have bundled the individual skills, expertise and specialist knowledge of our sugar technologists, process engineers and automation experts in a unique international engineering network. We can find the best solution for you – in terms of economic viability, plant efficiency and sugar quality. For single machines, whole stations and complete factories alike. What makes us unique: we will bring BMA engineering solutions to you, wherever you may be in the world. Our global resource management, and our shared tools and processes ensure we can.

BMA – Passion for Progress

Since 1853 BMA has been a leading, integrated solution provider for machinery, equipment and entire factories in the sugar industry. Worldwide.



Getting more out.

Process expertise for refineries, from the receipt of raw materials to the packaging of finished products.

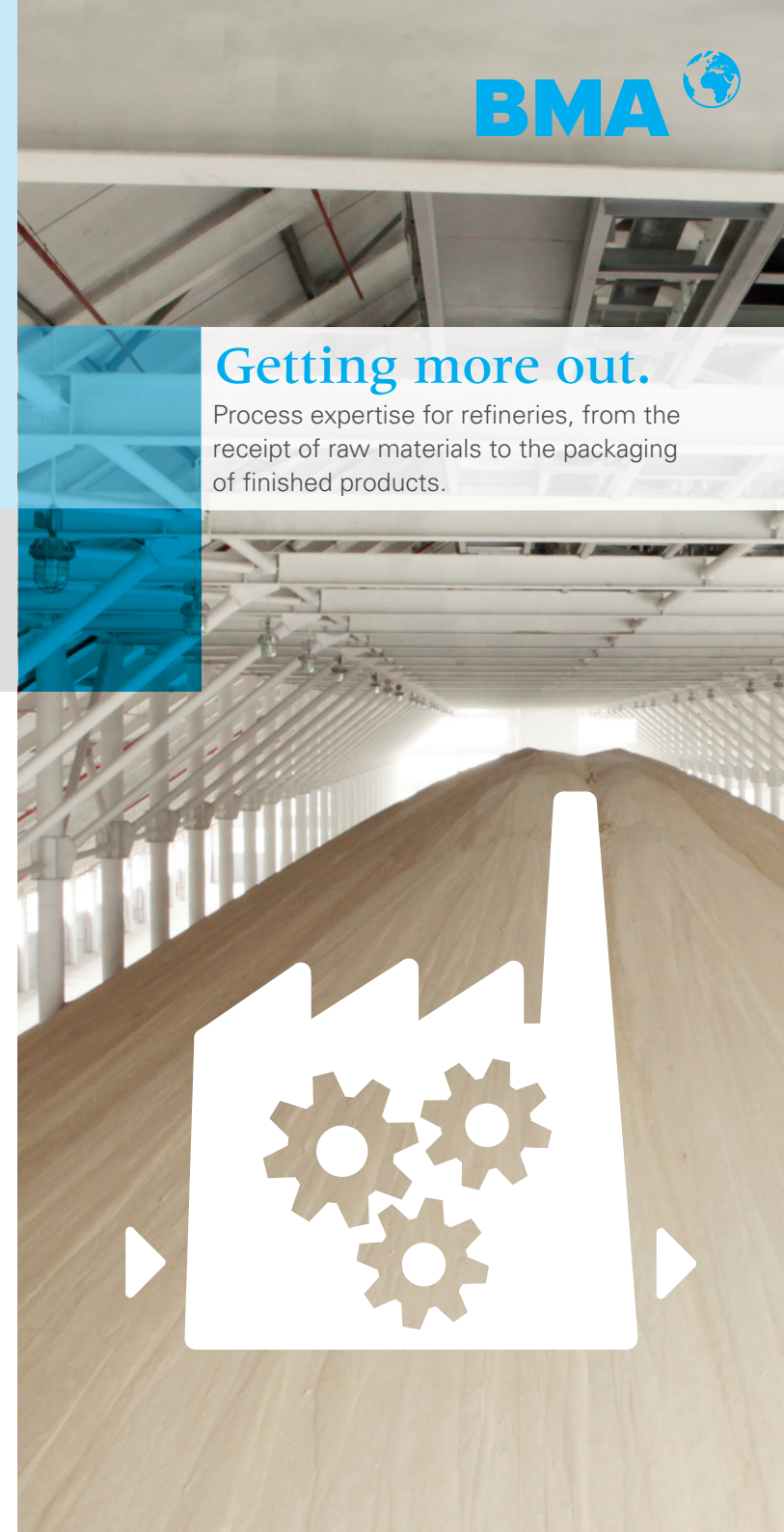


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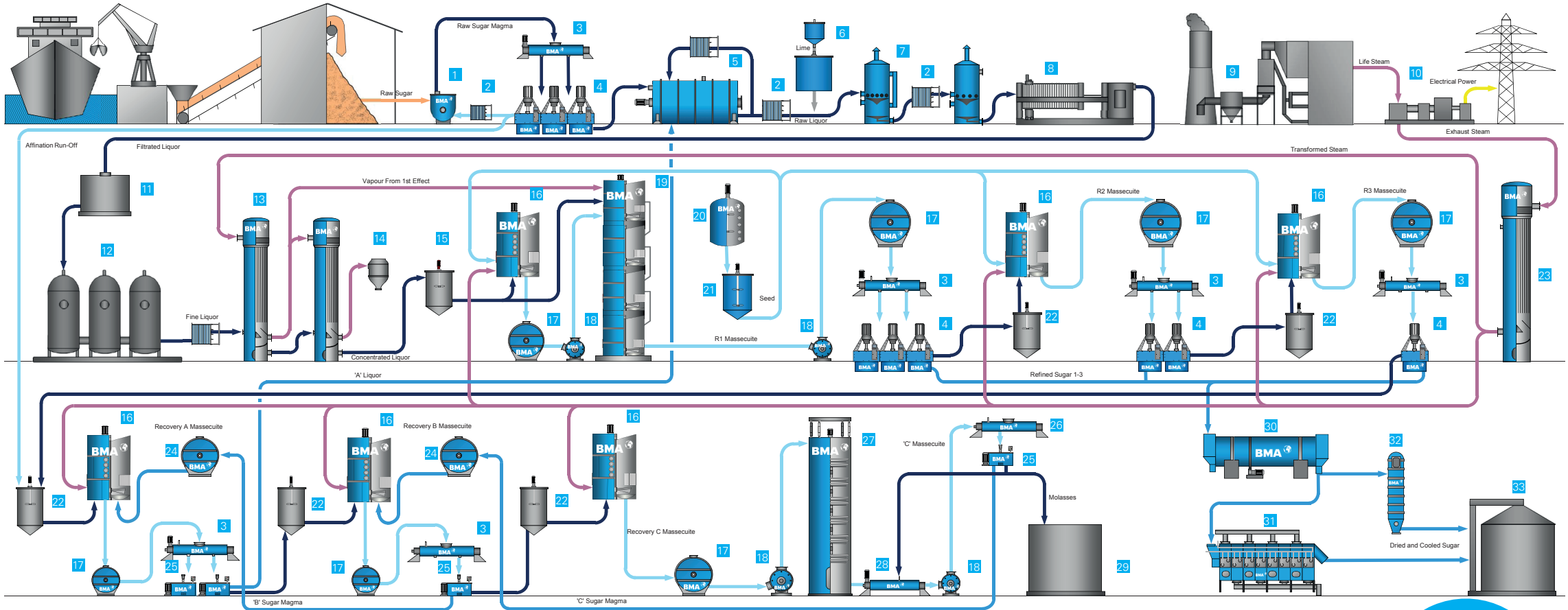
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Subject to technical modifications 11/2017



BMA process expertise for entire refineries.

Automation & controls
34 35 36

BMA machinery, equipment & automation.

Preparation

- 1 Affination mixer
- 2 Heat exchanger
- 3 Distribution tube
- 4 Batch centrifugals
- 5 Melter

Clarification & Filtration

- 6 Liming
- 7 Carbotation tank
- 8 Filter

Power

- 9 Boiler
- 10 Turbine

Decolorisation & Evaporation

- 11 Tank
- 12 Decolorisation
- 13 Falling film evaporator (FFE)
- 14 Condenser

Crystallization

- 15 Raw liquor tank
- 16 Batch pan (DVK)
- 17 Strike receiver
- 18 Magma pump
- 19 Vertical continuous vacuum pan (VKT)
- 20 Cooling crystallizer seed
- 21 Receiver seed massecurite
- 22 Feed solution tank
- 23 Steam transformer (FFE)
- 24 Receiver seed magma

Drying & Cooling

- 25 Continuous centrifugal
- 26 Distribution tube
- 27 Oscillating Vertical Crystallizer (OVC)
- 28 Molasses magma mingler
- 29 Molasses Tank
- 30 Drum dryer / cooler
- 31 Horizontal fluidized bed cooler
- 32 Vertical fluidized cooler
- 33 Sugar silo

Automation

- 34 Controls
- 35 Instruments and equipment
- 36 Energy supply

Without explanations, the information in this document is incomplete. © BMA

