

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.

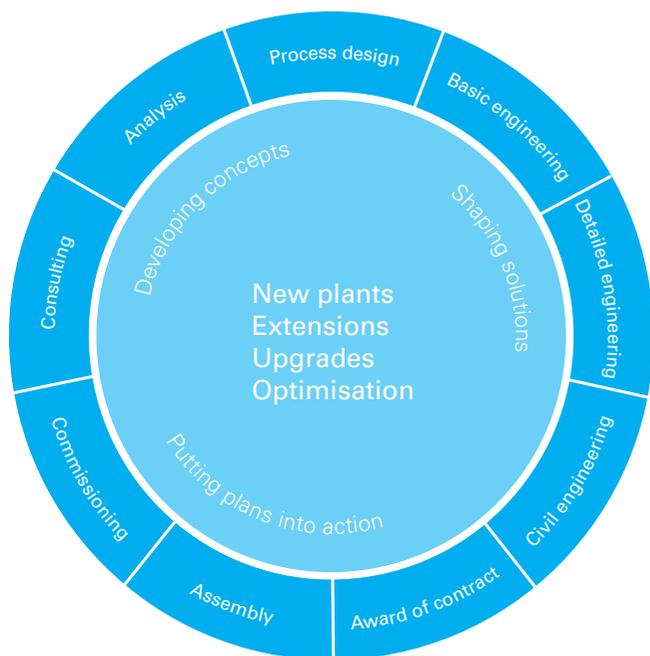
BMA – Passion for Progress

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, from the receipt of raw materials to the packaging of finished products.



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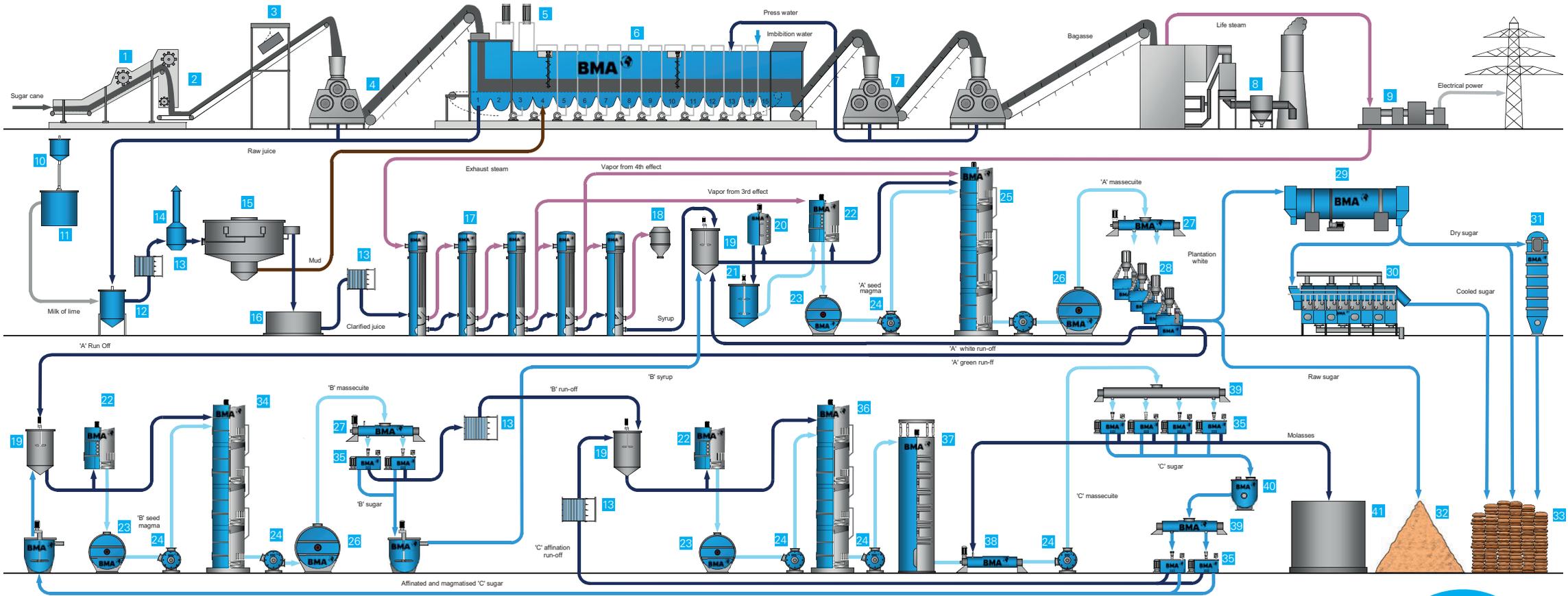
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Subject to technical modifications 11/2016



BMA process expertise for entire cane sugar factories.

Automation & controls   42 43 44



BMA machinery, equipment & automation.

Preparation

- 1 Cane knives
- 2 Shredder
- 3 Magnetic iron separator

Extraction

- 4 Primary mill
- 5 Juice heater
- 6 Bagasse diffuser
- 7 Dewatering mill

Power

- 8 Boiler house
- 9 Turbine

Clarification

- 10 Milk of lime preparation
- 11 Milk of lime storage tank
- 12 Juice liming tank
- 13 Heat exchanger
- 14 Flash tank
- 15 Short retention time clarifier
- 16 Clarified juice tank

Evaporator

- 17 Falling-film evaporator (FFE)
- 18 Condenser

A Product

- 19 Feed tank
- 20 Seed massecuite cooling crystalliser
- 21 Seed massecuite receiver
- 22 Vacuum batch pan
- 23 Seed strike receiver
- 24 Massecuite pump
- 25 Vertical continuous pan (VKT)

Drying

- 26 Massecuite strike receiver
- 27 Distribution mixer
- 28 Batch centrifugal
- 29 Drum dryer
- 30 Fluidised-bed cooler
- 31 Vertical fluidised-bed cooler
- 32 Raw sugar storage
- 33 Plantation white storage

B Product

- 34 Vertical continuous pan (VKT)
- 35 Continuous centrifugal

C Product

- 36 Vertical continuous pan (VKT)
- 37 Cooling crystalliser (OVC)
- 38 Molasses massecuite mingler
- 39 Distribution pipe
- 40 Affination mingler
- 41 Molasses tank

Automation

- 42 Controls
- 43 Instruments and equipment
- 44 Energy supply

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

