



Cooling crystalliser (OVC)

Please send the completed questionnaire to:

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Germany

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Email: sales-de@bma-worldwide.com
www.bma-worldwide.com

Dear customer,

We are pleased about your interest in our OVC cooling crystalliser.

To prepare a tailor-made quotation for you, we need some information as basis for our quotation.

Mandatory fields are marked with *. The more information you add in the questionnaire, the better our quotation will answer your ideas.

Thank you very much.

Recipient of quotation

Company: *

Street, house no.:

Postal code, city

Country: *

Contact for technical questions

Name: *

Phone: *

Email: *

Cooling crystalliser (OVC)

1. Factory data

- 1.1. Name: *
- 1.2. Location: *
- 1.3. Raw material: * ☒ Beet ☐ Cane ☐ Raw sugar
- 1.4. Processing capacity: t/d
- 1.5. Campaign length: months

2. Process data of equipment

- 2.1. Magma throughput: * t/h
- 2.2. DS content (Brix): %
- 2.3. Purity: * %
- 2.4. Inlet temperature: * °C (standard: beet 83 °C / cane 72 °C / refinery 73 °C)
- 2.5. Outlet temperature: * °C (standard: 40 °C, precondition 26 °C cooling water)
(requested)
- 2.6. Cooling water temperature: * °C (standard: 26 °C)
- 2.7. Layout information:
- Height of magma inlet of the centrifugals m
- Distance of OVC from centrifugals: m
- 2.8. Current purity of molasses: %
- 2.9. Shall existing cooling crystallisers be used? ☒ yes ☐ no
- 2.9.1. Quantity of existing cooling crystallisers
- 2.9.1 Total volume
- 2.9.1. Total cooling surface
- 2.9.1. Temperature of magma at last cooling crystalliser



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3. Material of the equipment

Material: * ☒ BMA standard ☐ Stainless steel (standard carbon steel)

4. Further data

4.1. Electric power supply:

Voltage: * V

Frequency: * Hz

Motor execution: * ☒ IEC (BMA standard)

☐ NEMA (electrical)

4.2 Energy efficiency class of the motor: ☐ IE2 ☒ IE3 ☐ IE4 ☐ PE
(Premium Efficiency)

Ambient conditions :

4.3 Wind load (Eurocode 2-4): km/h (standard 130 km/h)

4.4 Lateral acceleration:
(Eurocode 8 / earthquake) x g (standard 0,1 x g = no earthquake)

5. Remarks
