

# CONTIMOL

## DISSOLVING



**VAN DER MOLEN**  
PROCESS SYSTEMS

CONTIMOL – the continuous sugar dissolver to produce sugar syrup (simple syrup) with constant quality and concentration. The unit complements a continuous production process and supports a minimization of production costs, not only due to its high degree of automation.

The CONTIMOL can be customized to individual needs regarding potential product output and based on usage and availability of energy.

### **BENEFITS**

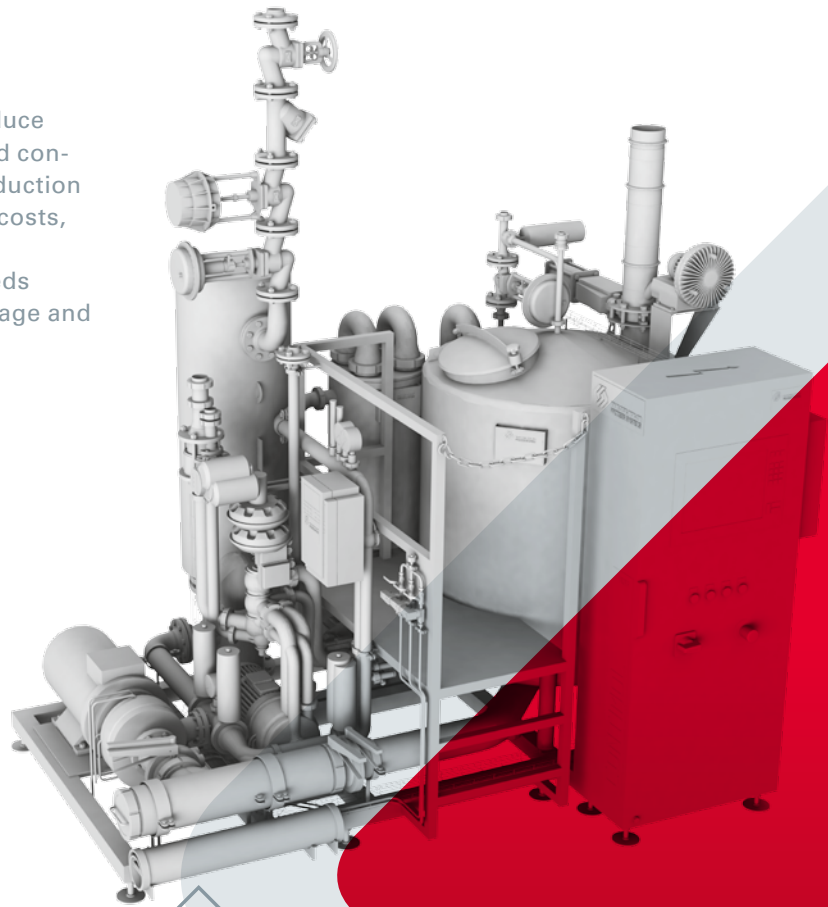
- High degree of automation
- Jet-Mix-System
- Short start-up phase
- Constant sugar concentration
- Continuous process and thus reduced tank need
- Compact design
- Manufactured using high quality material

### **PROCESS ENHANCEMENT**

- Accurate Brix determination and control
- Low wear and high reliableness
- Continuous monitoring
- Recording of production data
- Existing CIP integration
- Easily integrated into existing equipment

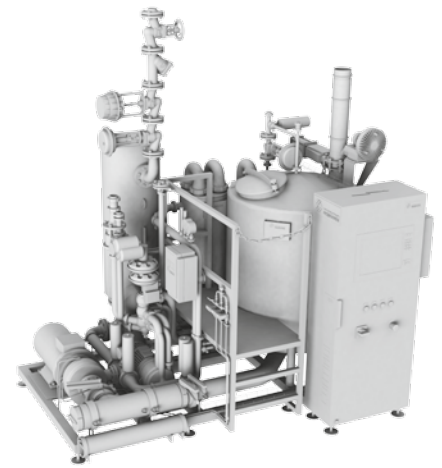
### **RECOMMENDED BEVERAGES**

- Carbonated Drinks
- Near water



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### TECHNICAL DATA

<b>Nominal Capacity (Standard)</b>	6,000–40,000 l/h
<b>Range of Capacity</b>	40–100% of nominal capacity
<b>Dissolving Temperature</b>	20–85 °C
<b>Product Concentration</b>	Up to 80 °Brix
<b>Filtration Chamber</b>	Modular construction
<b>Brix Reading</b>	Laserrefractometer
<b>Measuring Accuracy</b>	± 0.01 °Brix
<b>Software</b>	VDM application software
<b>Power Requirement</b>	1.1 W/l <sup>(1)</sup>
<b>Material (Product Wetted)</b>	AISI 304 or optional AISI 316L
<b>Control, Operation and Visualization</b>	Siemens S7 and TIA Portal/Allen-Bradley
<b>Size</b>	L/W/H 2.4 m/1.7 m/2.0 m <sup>(2)</sup>

(1) quantified, using a nominal capacity of 25,000 l/h and a product concentration of 60 °Brix

(2) based on a Nominal Capacity of 25,000 l/h



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