

**voran**<sup>®</sup>

machinery

# Flash pasteurising system KZE3000



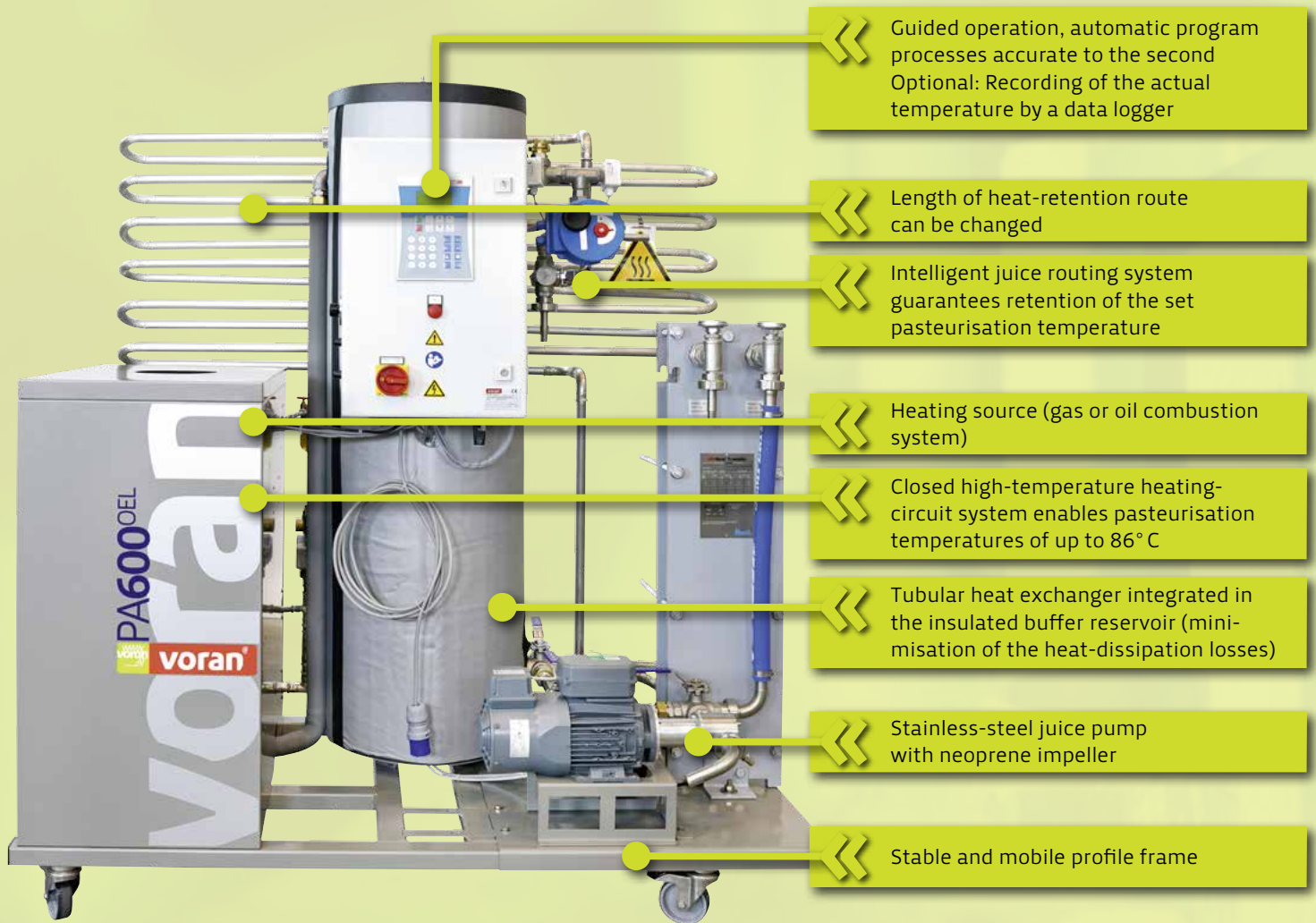
# In detail

## Quick heating—long shelf life

The quick-heating system is an expansion of our proven pasteurisers PA600 Oil and PA750 Gas.

The juice is heated, routed through hot tube loops, and then counter-cooled by the subsequent cold fresh juice in an additional heat exchanger running in the opposite direction. The juices thus do not come into contact with each other.

The heat retaining time can be adapted to your product. This reliably deactivates micro-organisms and enzymes. The brief heating, however, largely retains valuable vitamins. Moreover, the fresh juice is preheated in this process, which results in enormous energy savings.



Guided operation, automatic program processes accurate to the second  
Optional: Recording of the actual temperature by a data logger

Length of heat-retention route can be changed

Intelligent juice routing system guarantees retention of the set pasteurisation temperature

Heating source (gas or oil combustion system)

Closed high-temperature heating-circuit system enables pasteurisation temperatures of up to 86° C

Tubular heat exchanger integrated in the insulated buffer reservoir (minimisation of the heat-dissipation losses)

Stainless-steel juice pump with neoprene impeller

Stable and mobile profile frame

Model	KZE3000
Rated pasteuriser output in l/h (without quick-heating; can be switched off)	600
Rated output in l/h	2,500
Electrical connection*	230 V/50 Hz
Oil consumption in kg/h	5.5
Dry weight / heating circuit filled in kg	590/690
Dimensions L/W/H in mm	1,620/1,200/1,830
Standard water-temperature values in °C for inlet/heating temperature/outlet	20/80/35

Expressly subject to technical changes and errors.

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