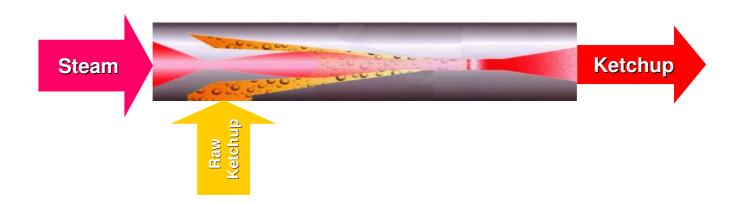
Ketchup In-Line Cooker

based on MAKLAD's Direct-Steam / Supersonic Shockwave - Technology



The heart of this continuous Ketchup Cooker is the patented "MAKLAD - Injector". It performs pasteurising and homogenising of the Ketchup-mixture by MAKLAD's Direct steam / supersonic shockwave technology in one process step. Next, the Ketchup moves through the dynamic tube-mixer to get a higher degree of homogenisation. After passing the heat-holding tube, the Ketchup is ready for packaging / bottling.

Technical Data:

Capacity: 4000-8000 kg/h

■ Temperature: up to 99 °C

 Steam Consumption: m_{Steam}/m_{Ketchup}=1% for every 5℃-increase in temperature (Steam at 5bar and 150℃)

CIP-cleaning

Benefits:

- High flexibility-range for flow rate and temperature
- Plant space reduction up to 80%
- Energy savings up to 70%
- No vibrations
- Temperature control: ± 1 ℃
- High Ketchup quality



MAKLAD innovative Fluid- & Systemtechnik GmbH Kirchengasse 6, 3483 Feuersbrunn, Austria Phone: +43 (0) 2738 21418, Mobile: +43 (0) 676 610 8535 Fax: +43 (0) 2738 21418 10, email: maklad@maklad-fluid.com

