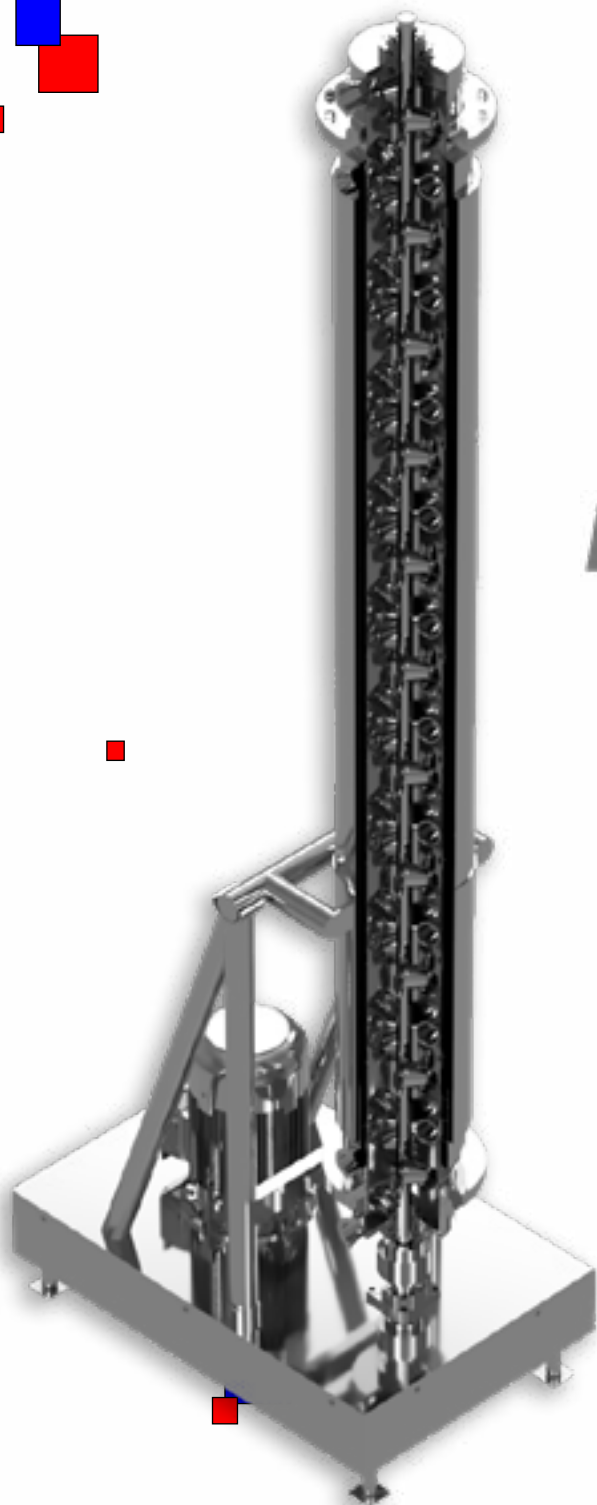


ViscoHX

HEATING & COOLING



PROCESSTEC

BROCHURE

ViscoHX, The Innovative Heat Exchanger

Processtec is bringing in a new and efficient heat exchanger, designed and engineered for food and chemical industries alike. All applications available are compliant with EHEDG and 3A specifications. Our highly experienced processing and design engineers have developed a new machine that can be equipped with injection nozzles for steam, CO₂, or other coolants for rapid product temperature changes. The mixing element rotates independent of the product flow. Should the product flow stop this feature prevents burn-on or any ice buildup.

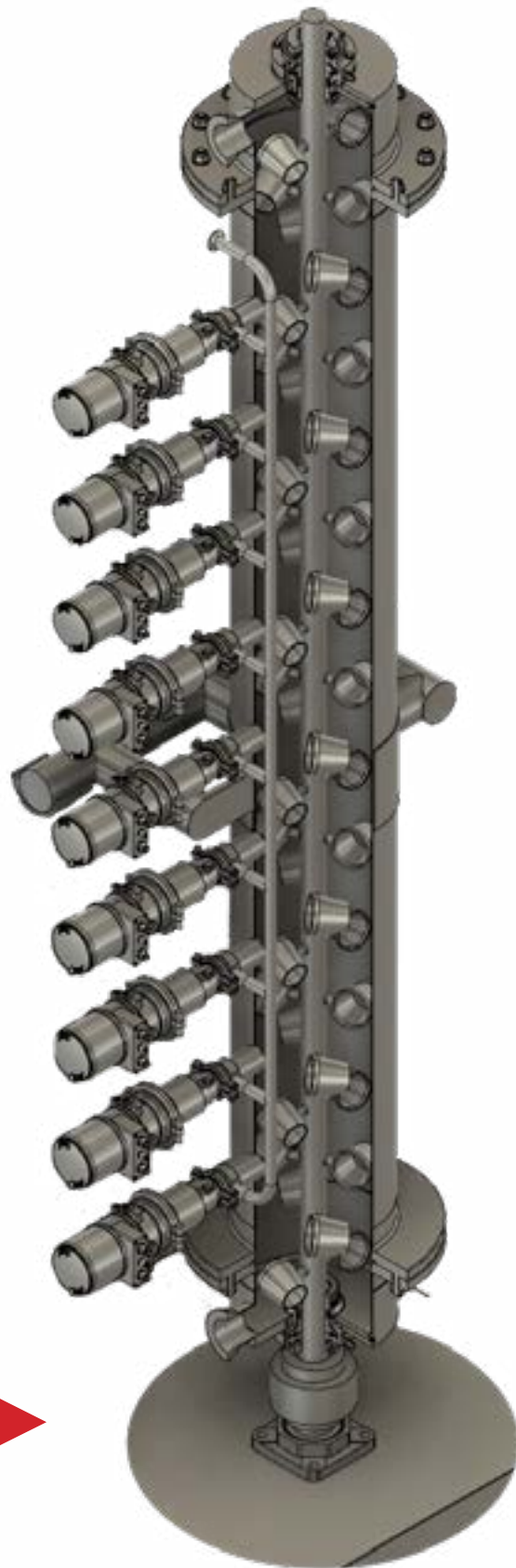
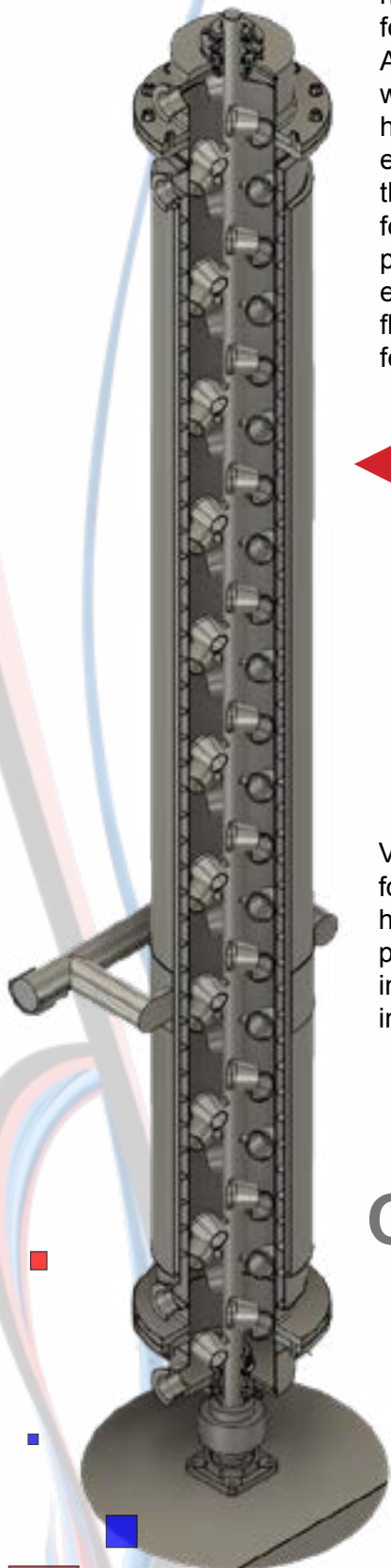


Indirect Heat Exchanger

ViscoHX is the ultimate Heat eXchanger for viscous products. It handles low to high viscosity products with or without particulates. It heats or cools product with indirect heat exchange, or through direct injection of steam or cooling media.



Direct Heat/ Coolant Injector

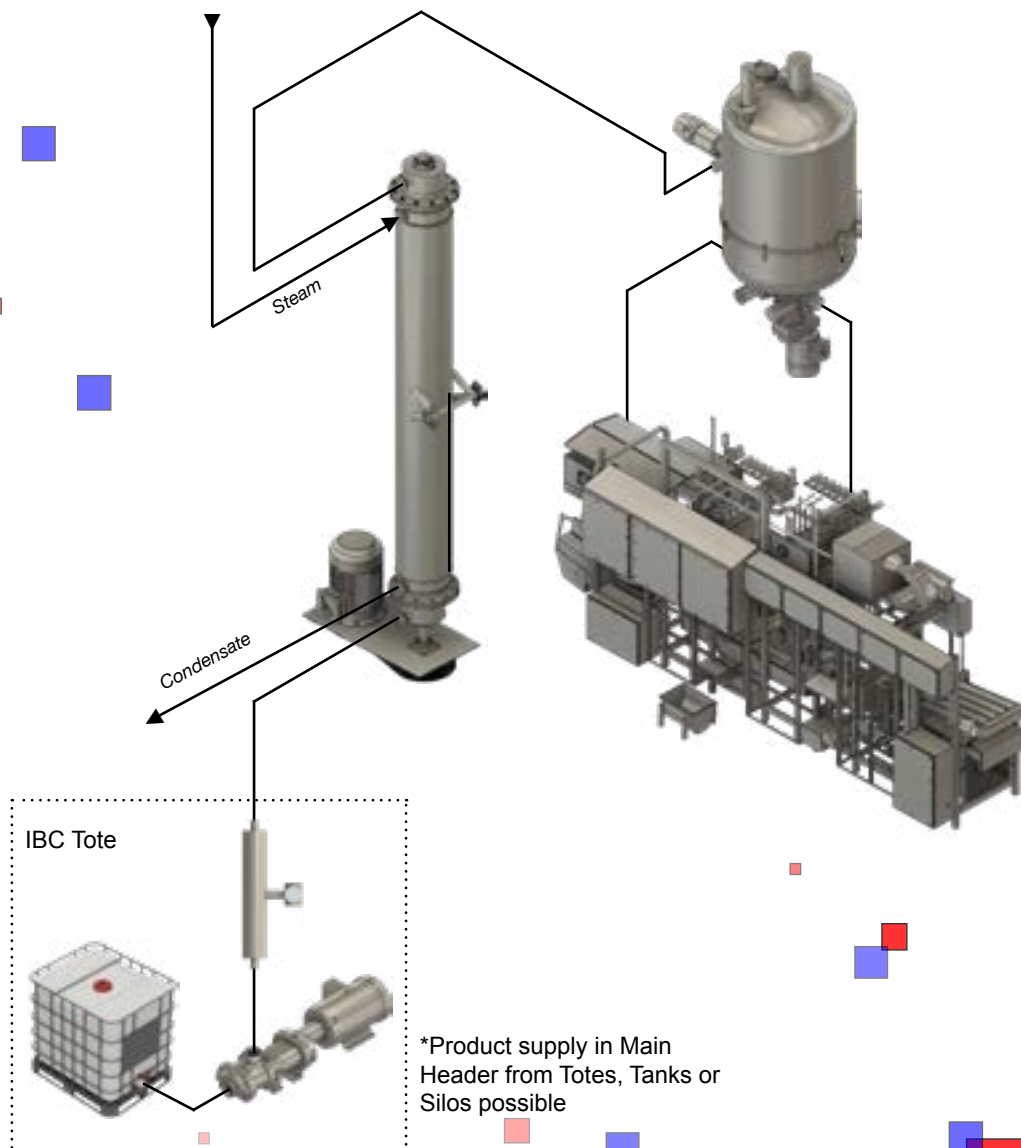


Keep Product Cool or Turn Up The Heat

The ViscoHX inlet chamber can be supplied with up to 6 different, dead-zone-free product streams. The ViscoHX doubles as an efficient inline mixer and heat exchanger at the same time. With correct product stream ratios, the streams can be pulsating yet still discharge a perfect mix, even with particulate sizes up to 35mm. Liquid streams with exothermic reactions can be mixed together and the resulting heat removed with indirect heat exchange at very high ΔT .

Features & Benefits

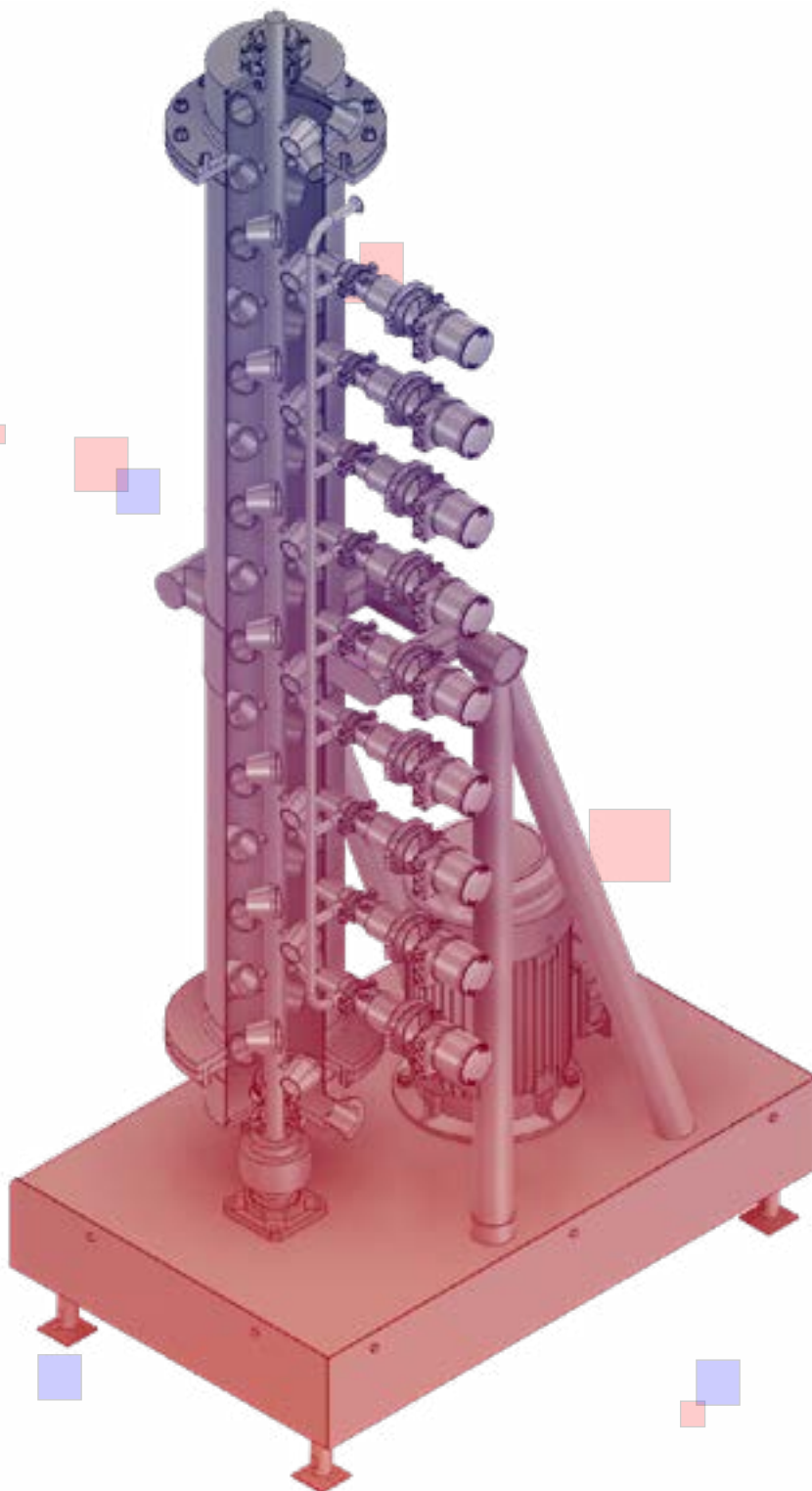
- ViscoHX is the fast new solution for product temperature control
- Fully CIP-able heat exchanger with short cleaning time
- Close to net-zero product loss set up
- Changeable ingredient-switches in operation
- Versatile for R&D teams to create new products, or the same products with less stabilizing or emulsifying additives
- Low pressure drop with high viscous product
- Low power consumption of the overall system, including feed pumps



Some industries we serve:

Dairy - Juices - Fruits - Personal Care - Tomato - Beverages - Sauces - Infant Formula - Process Foods - Processed Meat - Bakery - Confectionery - Pastries - Oils - Fragrances - Chemicals - Paints - Varnishes - Ointments - Pharmaceuticals...

Not listed? Contact us!



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