

Certa

Springer Pumps



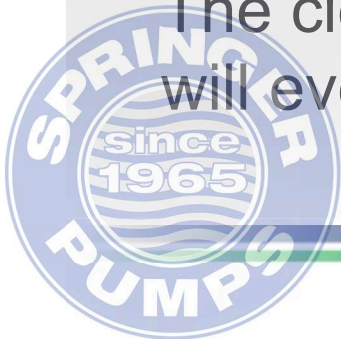
**WATSON
MARLOW**

Fluid Technology Group

certa



The cleanest pump you
will ever need



Next generation sine pump



- Cleanable to the highest standards
- High suction
- Virtually zero pulsation
- Gentle handling
- Ease of maintenance
- Energy efficient
- Lower cost of ownership
- Designed for food and beverage



Cleaner than the competition



Cleaner than any lobe pump or circumferential piston pump

EHEDG Type EL – Class 1

EHEDG Type EL Class 1 Aseptic

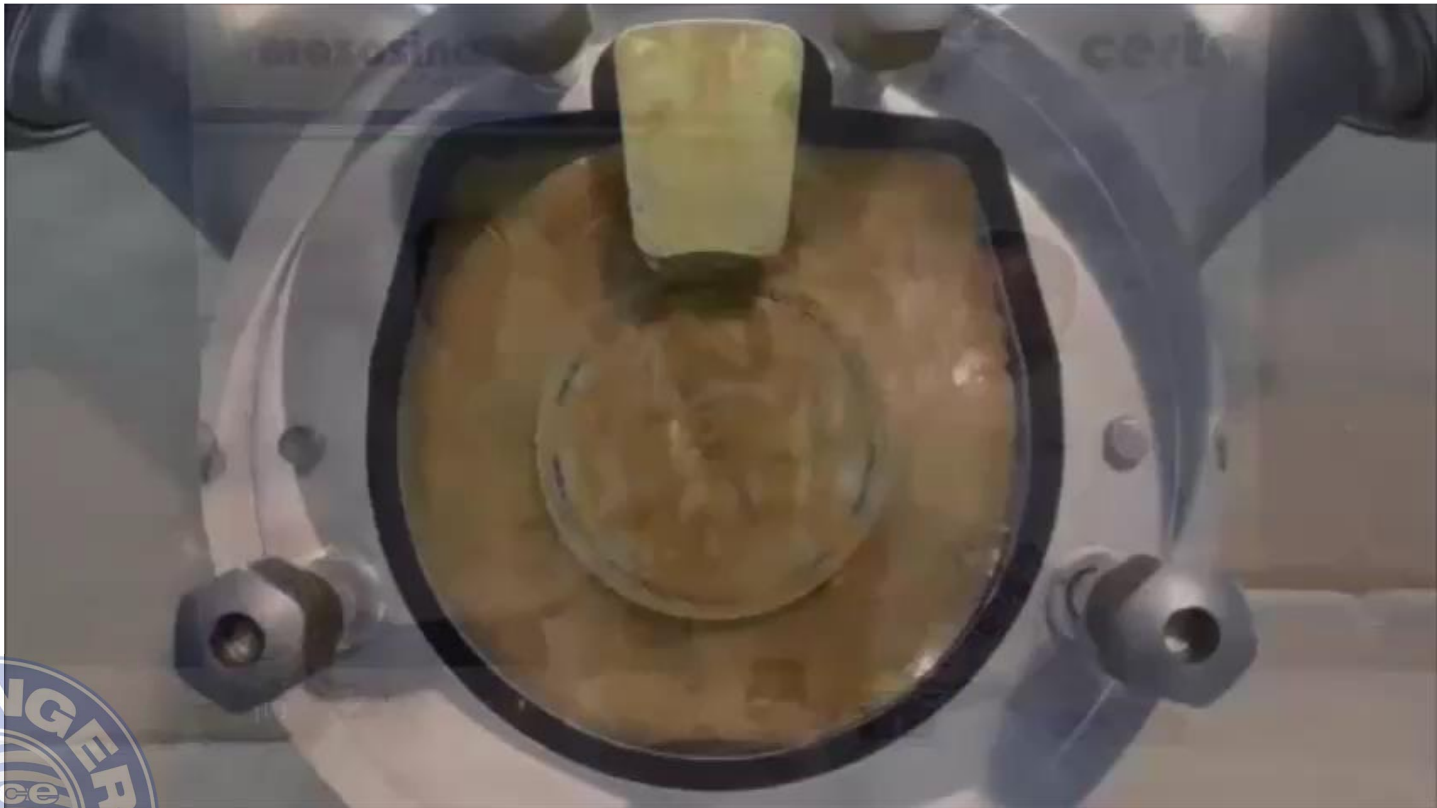
Reduce CIP cycle and the amount of cleaning agents required

All contact parts FDA and EC1935 compliant

Reduce chemical and water use and wastewater for disposal



Cleaning demonstration



Tel: 866-777-6060
Fax: 866-777-6060

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www.springerpumps.com
Int'l: +001 267 204 2910

So clean it's aseptic certified



Pumps named aseptic are typically not certified aseptic

Certa is EHEDG Type EL Class 1 Aseptic certified

No need for pump modifications

No requirement for self certification by food and beverage manufacturers

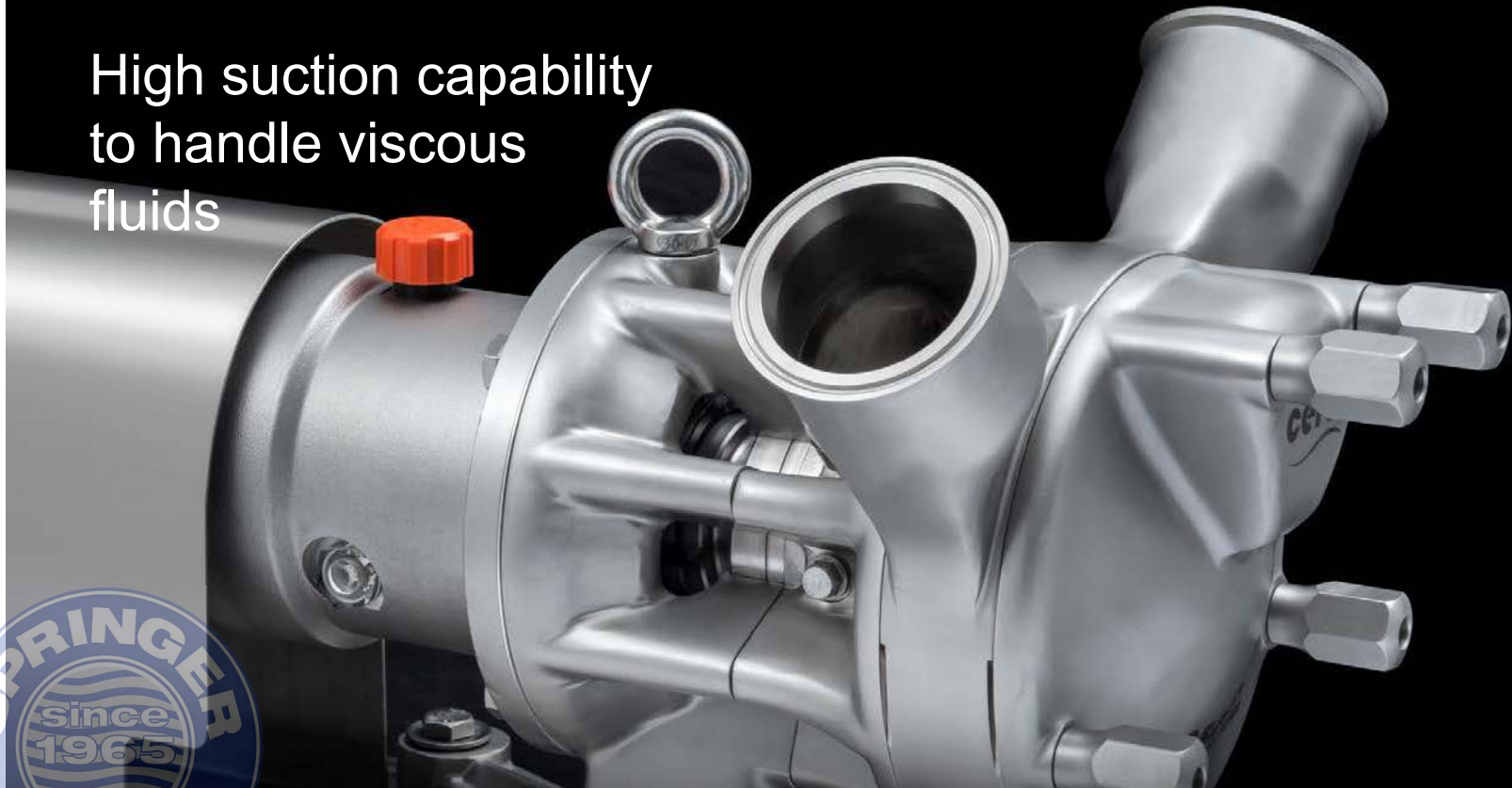
Aseptic certified pumps reduce the risk of contamination while extending product life without the need for additional preservatives



High suction



High suction capability
to handle viscous
fluids



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Virtually pulsation free



Smooth product flow with
no need for ancillary
dampeners, ensuring
product quality

Improves flow metering accuracy and
heat exchanger efficiency



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Gentle handling



Low shear handling for particulates and soft solids

Improves batch consistency and final product quality

Virtually eliminates wastage of raw ingredients

Prevents aeration and foaming during product transfer



Ease of maintenance



Simplicity and interchangeable parts

One shaft, one seal and no timing gears to enable easy in-place pump maintenance and minimal downtime

Fully interchangeable components between pumps of the same size, reducing spares inventory



Energy efficient



Requires up to 50% less power than lobe or circumferential piston pumps



Sustainability curves

Greatly reduced electricity use means reduced carbon footprint

Higher efficiency at high viscosity increases energy savings in your most difficult applications



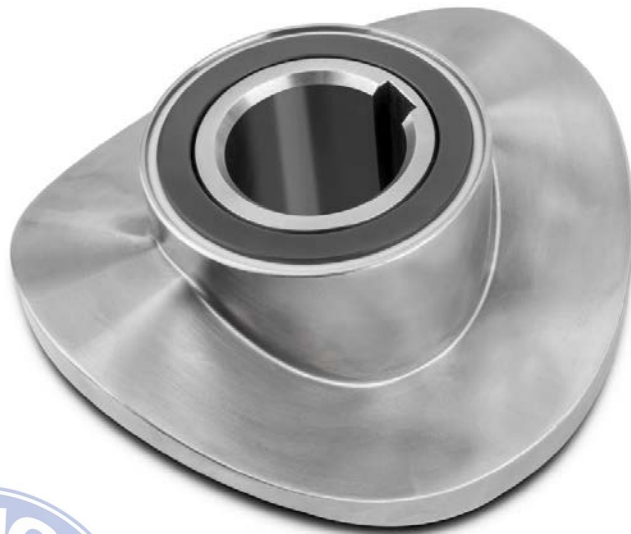
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Lower cost of ownership



Combining the benefits
that Certa brings equates
to a truly impressive low
cost of ownership

Quicker, more effective cleaning

Simpler maintenance with reduced down times

Improved product quality



Applications



Beverages, dairy, bakery, particulates and soft solids

Gentle product handling and low shear
improve product quality and appearance
with 50% less product degradation than
lobe pumps

High viscosity

Reduced cleaning costs



CONTACT SPRINGER PUMPS TO LEARN MORE AND
SET UP A PLANT VISIT / PRODUCT TRIAL TODAY!
866-777-6060 OR INFO@SPRINGERPUMPS.COM



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