



HA35-TRV

High pressure homogenizer
up to 1.500 bar at 2.000 l/h

High energy and volumetric efficiency

**Powered by
Interpump Group**

TECHNICAL DATA

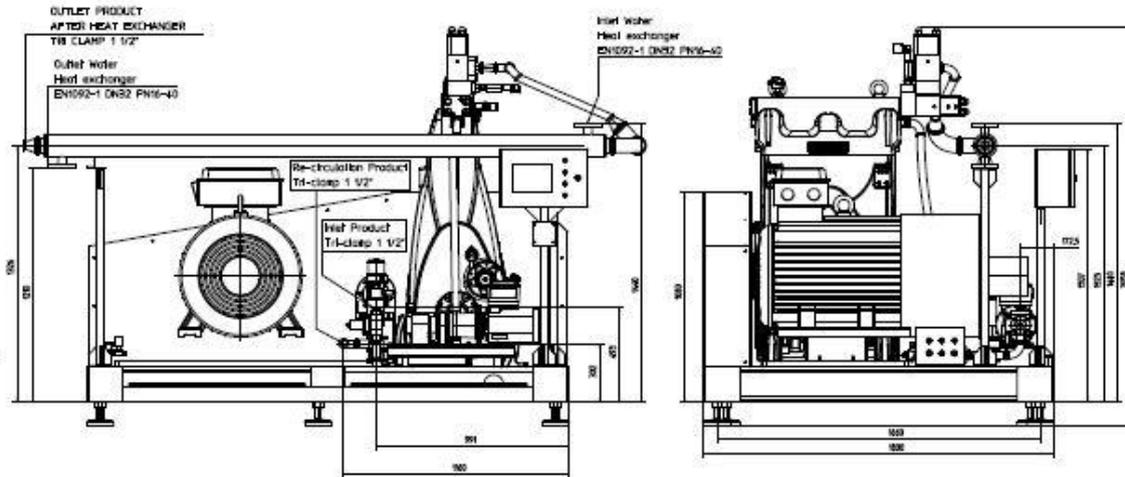
Plunger number	3
Stroke (mm)	130
Weight (Kg)	4.500
Water consumption (l/h)	120
Lubrication oil quantity (kg)	37
Connection product inlet/outlet	1 ½"

By the world leader in ultra high pressure application, a new design of compression head with:

- Minimum dead volume – high volumetric efficiency
- Innovative design of the liquid end for minimized sterilization time, high volumetric efficiency and reduction of complexity
- Up to 1.500 bar – 2.000 l/h
- Available skidded version with feeding pump and filter, inlet pressure regulating valve, heat exchangers and temperature probes

Design according to MACHINE DIRECTIVES and the HARMONIZED EUROPEAN STANDARD in force.





FEATURES

Liquid End: Duplex (SAF2205) mono-block shot peened stainless steel compression head with high mechanical and corrosion resistance, ceramic plungers. UHMW plunger seal for very high pressure

Single stage transmission system with trapezoidal belts and pulleys

Homogenizing group with hydro-pneumatic actuation of homogenizing pressure for high result efficiency, ceramic homogenizing valves up to 1500 bar.

Ball type pumping valves, suction and delivery valve seats integrated in a single part.

Overpressure valve, flow switch alarm on water circuit

Forced lubrication system with pressure switch, cast iron crankcase with supporting roller bearings, nitridized crankshaft

Terminal box and control panel for local/remote control

OPTIONS

Second stage homogenizing group

Aseptic execution

3A, EHEDG or PHARMA design

- Low roughness and electropolishing of product wetted parts
- Certification manual for cGMP

Standard or sharp Homogenizing valve with different geometries depending on the type of product

- Tungsten carbide
- Ceramics
- Double inlet manifold

Inlet and outlet connections

- DIN 11851, Tri clamp, SMS
- High pressure outlet
- Option upon request

Explosion proof design

Sound proof design

Vibration and temperature monitoring and alarm



***Technical specifications are not mandatory and subject to change without notice.

REV12-01/2021-EN

