



MODEL
Homogenizer
HA36 – Star Line

MODEL	MAX. POWER		PRESSURE bar		CAPACITY l/h
	kW	1.000	1.200	1.500	
HA36 Star Line	250	5.500	4.500	4.000	

*Values referring to machines with fixed capacity

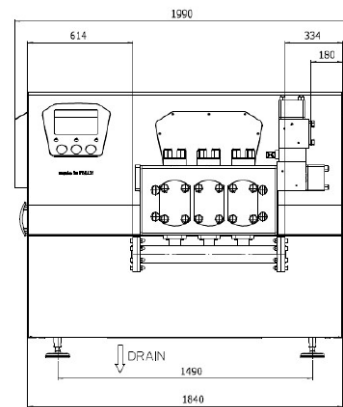
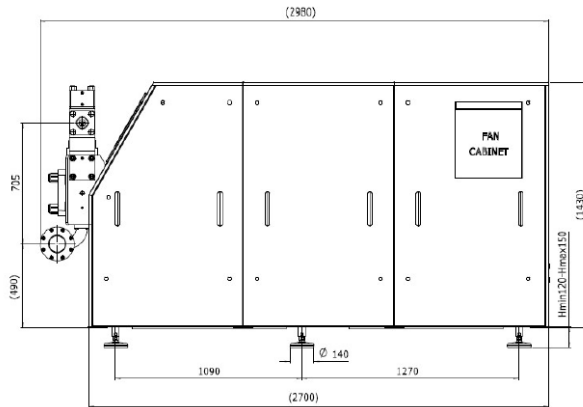
**Values referring to products with a max viscosity of 500Cp

TECHNICAL DATA

Plunger number	3
Stroke (mm)	140
Weight (kg)	4.800
Water consumption (l/h)	200
Lubrication oil quantity (kg)	40
Connection product inlet/outlet	Flange to weld $\varnothing e115 \varnothing i110 / \varnothing e52 \varnothing i46$
Max. installed power (kW)	250

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





FEATURES

Liquid End: Forged shoot peened mono-block made from Super Duplex SAF2507, 3 Integral Ceramics Plungers, Ultra-High Density plunger seals for very high pressure

Homogenizing group:

- Hydro-pneumatic adjustment of the pressure for a great stability
- Tungsten Carbide Homogenizing valves

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

Overpressure valve, flow switch alarm on water circuit

Digital pressure transmitter, 4-20 mA

Drive Unit:

- Forced lubrication system with pressure switch
- Cast iron crankcase with supporting roller bearings
- Double stage transmission system with internal gear reducer with belts and pulleys
- Nitridized crankshaft

Terminal box and control panel for local/remote control

Friendly maintenance of the liquid end

Easy opening panels

Stainless steel frame

MAIN OPTIONS

Second stage homogenizing group

Aseptic execution

- Sterile water generator by means of condensed steam generator
- Patent pending sterile water generator by means of microfiltration

Design suitable with: 3A, EHEDG or PHARMA

- Low roughness and electropolished wetted parts
- Certification manual for cGMP

Standard or Sharp Edge Homogenizing valve with different geometries, materials availability:

- Ceramics

Vibration and temperature monitoring and alarm

Inlet and outlet connections:

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

Electric power board:

- For Fixed or Variable capacity
- Remote Control by 4-20 mA signal
- Fully Automatic pressure control by means of PLC

Sound-proof design

Explosion proof design

Oil control by means of continuous level sensor (guided wave radar)

