



MODEL
Homogenizer
HA36

MODEL	MAX. POWER kW	PRESSURE bar							CAPACITY l/h
		100	180	200	250	300	400	600	
HA36	250	45.000	45.000	40.000	32.000	27.000	20.000	14.000	

*Values referring to machines with fixed capacity

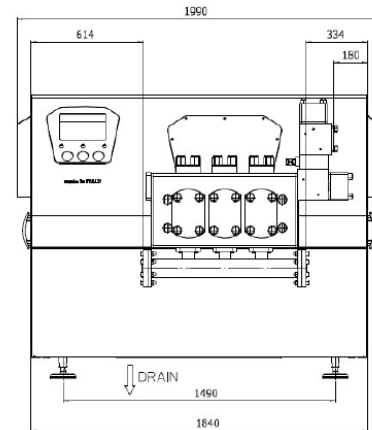
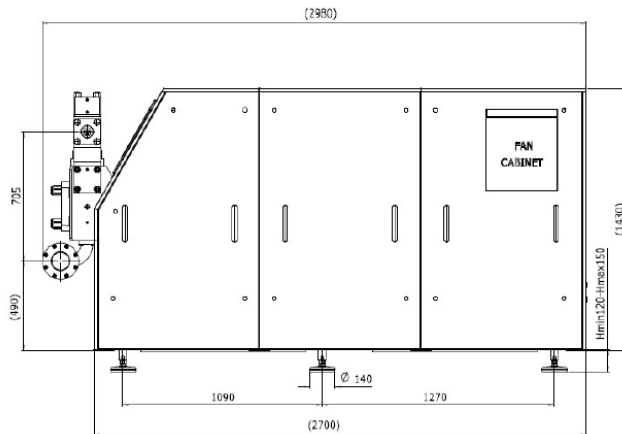
**Values referring to products with a max viscosity of 500Cp

TECHNICAL DATA

Plunger number	3
Stroke (mm)	140
Weight (kg)	4.800
Water consumption (l/h)	200
Lubrication oil quantity (kg)	40
Product inlet/outlet connection	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 block made from Duplex SAF2205, 3 Plungers made from AISI 316 coated with HVOF coating

Homogenizing group:

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

Conical valve seat and Stellite™ poppet valves

Overpressure valve, flow switch alarm on water circuit

Digital pressure transmitter, 4-20 mA, with ceramic membrane

Drive Unit:

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

Terminal box and control panel for local/remote control

Friendly maintenance of the liquid end

Easy open stainless-steel panel

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
- cGMP certificates to add to Customer Pharma Manual

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

- Tungsten carbide
- Zirconia Oxide
- High efficiency patented homogenizing valve "Margherita"

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

Vibration and temperature monitoring and alarm

Pumping plungers availability:

- Al₂O₃, Integral ceramics

Electric power board:

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

Inlet and outlet connections:

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

Explosion proof design

Sound-proof design

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

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