



MODEL Homogenizer HA32 Star Line

High Pressure Homogenizer
up to 1.500 bar at 450 l/h

MODEL	MAX. POWER kW	PRESSURE bar			CAPACITY l/h
		1.000	1.200	1.500	
HA32 Star Line	30	700	600	450	

*Values referring to machines with fixed capacity

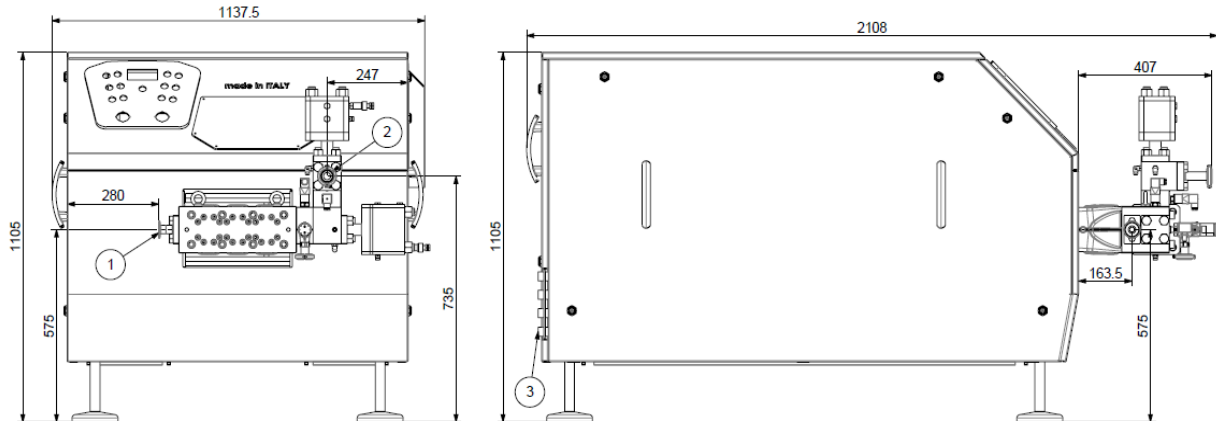
**Values referring to products with a max viscosity of 500Cp

TECHNICAL DATA

Plunger number	3
Stroke (mm)	70
Weight (kg)	1.400
Water consumption (l/h)	90
Lubrication oil quantity (kg)	10,5
Connection product inlet/outlet	Tri-clamp
Max. installed power (kW)	30

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





- 1: Inlet product
2: Outlet product
3: Water and air connection

FEATURES

Liquid End: Forged block made from Super Duplex SAF2507, 3 Tungsten Carbide plungers, Ultra High-Density plunger seals for very high pressure

Homogenizing group:

- Hydro-pneumatic actuation of homogenizing pressure for a great stability
- Tungsten Carbide Homogenizing valves

Stellite™ Ball valves, suction and delivery valve seats integrated in a single component

Overpressure valve, flow switch alarm on water circuit

Drive unit:

- Splash lubrication system
- Die cast iron crankcase
- Nitridized crankshaft
- Direct transmission system with integrated gear reducer with belts and pulleys

Digital pressure transmitter 4-20 mA

Terminal box and control panel for local/remote control

Easy opening panels

Friendly maintenance of the liquid end

MAIN OPTIONS

Second stage homogenizing group

- 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

Pumping plungers availability:

- Ceramics

Aseptic execution

Vibration and temperature monitoring and alarm

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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