



MODEL Homogenizer HA34

MODEL	MAX. POWER kW	PRESSURE bar							CAPACITY l/h
		100	180	200	250	300	400	600	
HA34	90	24.000	16.000	15.000	12.000	10.000	7.500	5.000	

*Values referring to machines with fixed capacity

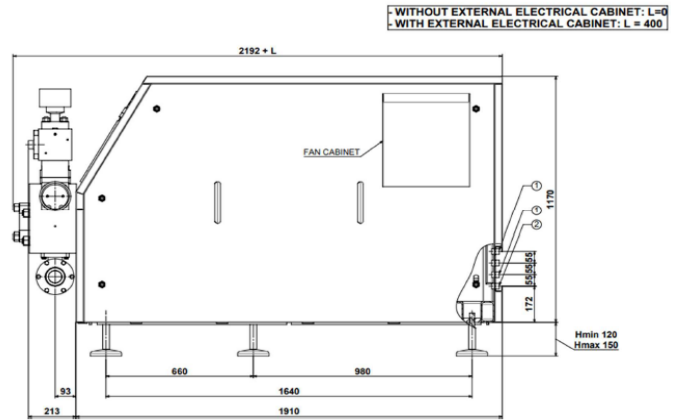
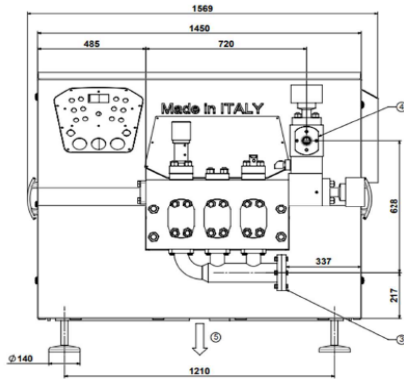
**Values referring to products with a max viscosity of 500Cp

TECHNICAL DATA

Plunger number	3
Stroke (mm)	107
Weight (kg)	2.600
Water consumption (l/h)	90
Lubrication oil quantity (kg)	30
Connection product inlet/outlet	Socketed weld flange $\varnothing e90 \varnothing i85 / \varnothing e40 \varnothing i35$
Max. installed power (kW)	90

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





FEATURES

Liquid End: Forged block made from Duplex SAF2205, Self-alignment patented system, 3 plungers made from A630 with Chromium Carbide coating

Homogenizing group:

- Hydro-pneumatic adjustment of the pressure for a great stability
- Stellite™ Homogenizing valves

Conical valve seats and poppet/ball valves made from Stellite™

Overpressure valve, flow switch alarm on water circuit

Drive unit:

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

Digital pressure transmitter 4-20 mA with ceramic membrane

Terminal box and control panel for local/remote control

Easy opening panels

Friendly maintenance of the liquid end

MAIN OPTIONS

Second stage homogenizing group	Seat valves made from Tungsten Carbide
Forged block made from Super Duplex SAF2507	Vibration and temperature monitoring and alarm
Aseptic execution	Pumping plungers availability: <ul style="list-style-type: none"> • A316 with HVOF Chromium Carbide jet coat treatment • Ceramics
<ul style="list-style-type: none"> • Sterile water generator by means of condensed steam generator • Patent pending sterile water generator by means of microfiltration 	Electric power board: <ul style="list-style-type: none"> • For Fixed or Variable capacity • Remote Control by 4-20 mA signal • Fully Automatic pressure control by means of PLC
Design suitable with: 3A, EHEDG or PHARMA	Inlet and outlet connections: <ul style="list-style-type: none"> • DIN 11851, Tri-clamp, SMS • High pressure outlet • Option upon request
<ul style="list-style-type: none"> • Low roughness and electropolished wetted parts • Certification manual for cGMP 	Explosion proof design
Standard or Sharp Edge Homogenizing valve with different geometries, materials availability: <ul style="list-style-type: none"> • Tungsten Carbide • Ceramics • High efficiency patented homogenizing valve "Margherita" 	Sound-proof design

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

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