



The new laboratory homogenizer "Atomo" designed with a compact and functional design.

Maximum Capacity (l/h)^(*)(**)

Pressure (bar)

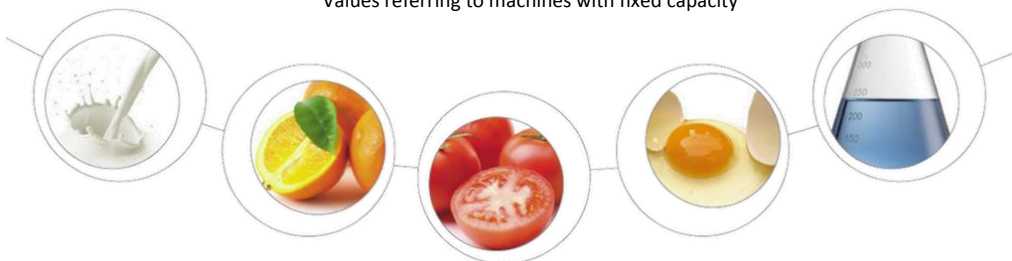
Installed Power	600	1200	2000
3 kW	20	20	15

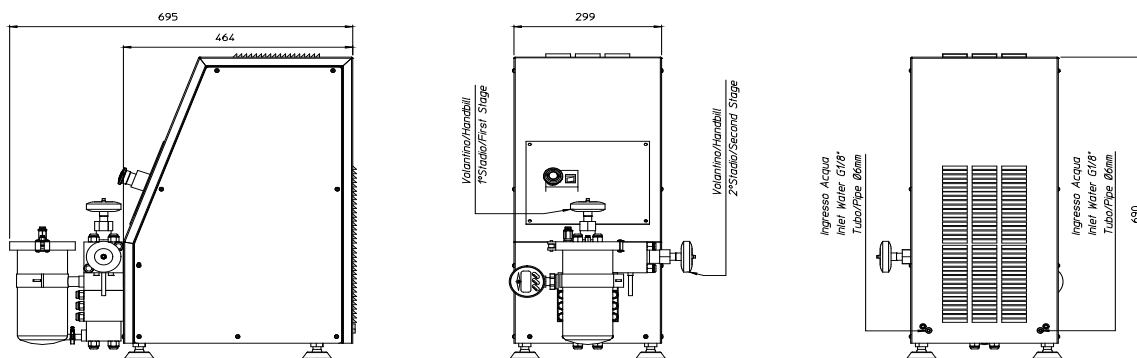
DATI TECNICI

Pistons Number	1
Weight (Kg)	125
Water Consumption (l/h)	10
Lubrication Oil q.ty (Kg)	2

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

**Values referring to machines with fixed capacity





The new ATOMO homogenizer with a compact and functional design, has been specially designed for laboratory applications, with a maximum flow rate 20l/h and a maximum pressure of 2000 bar homogenization.. Available in single and two stage, it can treat also very viscous products, thanks to a system pressurization of the input hopper

Structural design according to MACHINE DIRECTIVES 2006/42/CE and in compliance with the European standards:

- ✓ UNI ISO 14121:2006 Principle of the risk valuation
- ✓ UNI EN ISO12100-1/2:2005 Machine safety

Design, construction, testing and assistance according to the Quality System ISO 9001:2008(Certificate N°:209121)

Features:

- ✓ Compression test piece stainless steel super duplex (SAF2507) high mechanical strength and corrosion
- ✓ Ceramic pistons pumping
- ✓ Pumping valve with a sphere in stellite
- ✓ Group homogenization two-stage with manual regulation and homogenizing valves in carbide
- ✓ Direct Drive System
- ✓ Electric motor 380/440V.50/60Hz 4 pole(kw 3 see table above)
- ✓ Electric board internal machine for fixed capacity
- ✓ Splash lubrication system
- ✓ Low noise level <75dBA
- ✓ Electrical panel inside the machine
- ✓ Easy to clean and maintain

Options on request:

- Pumping valve group sphere in ► Carbide
- Homogenizing valve in ► Ceramic
- Homogenizing pressure ► 2000 bar
- Electric board ► External machine for variable capacity
- Inlet and outlet connections ► DIN 11851
- Valvola ad alta efficienza brevettata "Margherita" ► Stellite
► Tungsten carbide
- Inlet and outlet connections ► DIN 11851
► Tri Clamp
► On special request
- Internal lining with deadening material
- 3A version