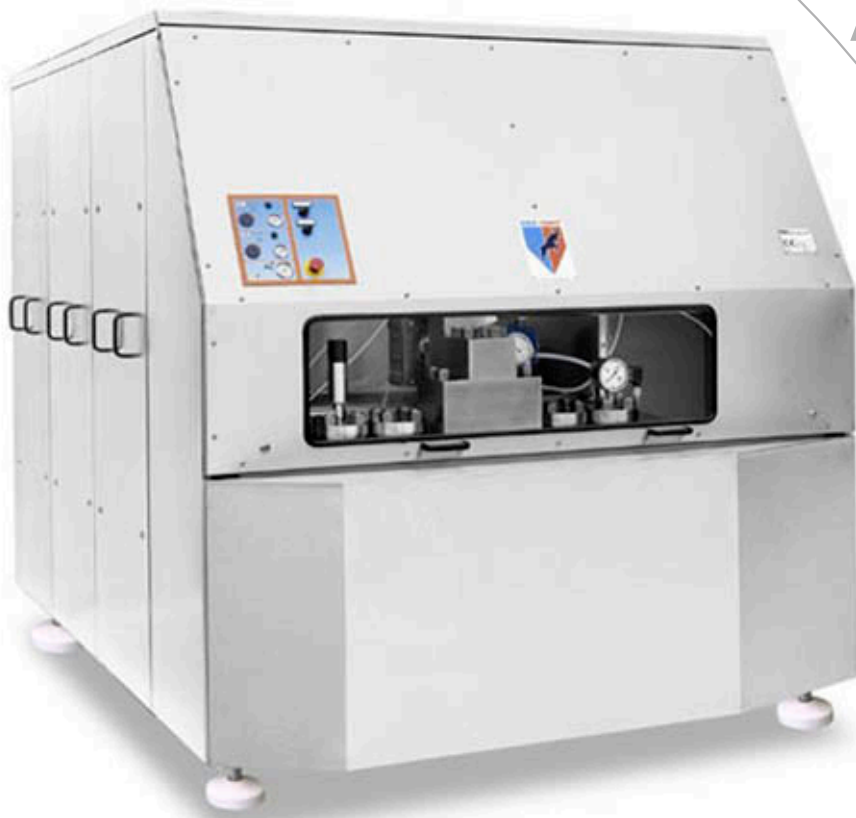


ARIETE

NS6200Energy

The Ariete Energy Series high pressure homogeniser/pump features the latest in design concept, contributing to excellence in performance and reliability.



Liquid end

- High quality stainless steel and special high wear resistance materials for best mechanical and corrosion resistance performances
- 3A and electropolished versions available
- Ball (PVB) and poppet valves (PVP) interchangeable into the same block design for maximum product handling flexibility
- Aseptic version compression block available with sterile condensate packing flushing
- Various materials for pumping plungers

Homogenising valve

- One stage (standard on homogenizers) with pneumatic adjustment from the machine's control panel
- High efficiency design valve NanoValve[®], based on advanced fluid dynamics concepts, available as option
- Engineered for easy maintenance and cleaning
- Second stage option

Power end

- Heavy duty and reliable power frame
- AC motor drive
- Forced lubrication with gear pump and low oil pressure switch
- 2 stage "V" belts drive train

Casing

- Made in polished stainless steel
- Easy access and maintenance with removable panels
- Noise reduction execution ($\leq 80\text{dB}$) in full

Tools and spares parts

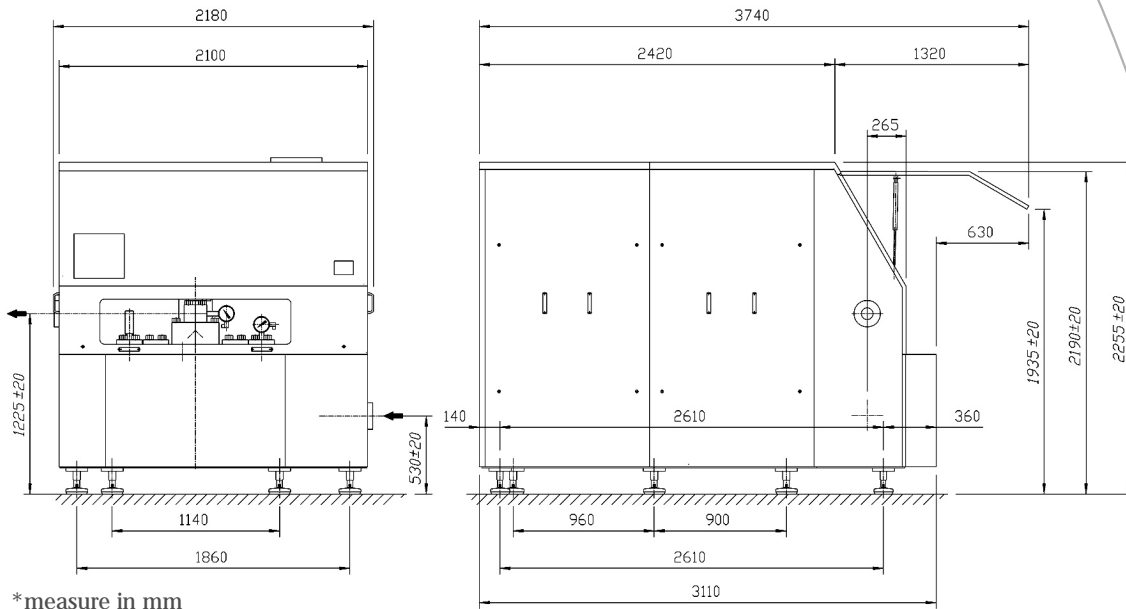
- Special tools and one set of emergency spares parts supplied with the machine
- Manual and Spare Parts List on CD-ROM

ARIETE

NS6200Energy



- Designed according to the EU safety rules (CE standards), engineered, manufactured and tested according to ISO EN 9001 Quality System
- Sanitary and aseptic execution, designed for CIP and SIP
- Suitable for abrasive and viscous products
- Homogenizing pressure up to 700 bar
- Monoblock compression head design up to 700 bar pressure
- Easy implementation in remote control systems and complete process lines



*measure in mm

* technical specifications are not mandatory and subject to change without notice

Performances

	100 bar	150 bar	200 bar	250 bar	400 bar	600 bar	700 bar	1000 bar	1200 bar
Max Flow Rate (l/h)	40000	40000	31000	25000	16000	10800	9000	—	—

Design Features and Materials

- Compression head — special high grade duplex / super-duplex SS alloy
- MONOBLOCK construction
- Pump Valves — high wear resistant Stellite® alloy removable seats
- ball type (PVB) or poppet type (PVP) in solid Stellite®
- Pistons — Chrome coated stainless steel
- Tungsten carbide coated stainless steel
- Solid ceramic
- Homogenizing Valve — Pneumatic actuated
- wear parts made of Tungsten Carbide, Ceramics as option
- high efficiency NanoValve® available as option
- Pressure Gauge — sanitary design analog high pressure gauge
- Product line connections — DIN 11851, TRI-Clamp®
- Tri-Clamp
- others as option upon request
- Power end — rugged cast iron power frame
- forced lubrication with low oil pressure switch
- totally enclosed sound proof execution with removable SS panels
- Main options — high pressure pump version
- 2nd stage homogenizing valve
- electric power board for fixed or variable capacity

Technical Data

Number of plungers	6
Stroke	100 mm
Absorbed motor power up to	200 kW
Weight	7000 kg
Water consumption.....	250 l/h
Lubricating oil ISO VG 150.....	125 l