

Ariete NS2006



From the world leader in high pressure homogenization: absolute quality and reliability with advanced technical solutions for any process need.

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

HOMOGENIZING VALVE

- One stage (standard on homogenizers) with hand wheel adjustment
- High efficiency design homogenizing valve, based on advanced fluid dynamics concepts
- Engineered for easy maintenance and cleaning
- Second stage optional

POWER END

- Heavy duty and reliable power frame
- AC motor drive
- Splash type lubrication system
- "V" belts direct drive

CASING

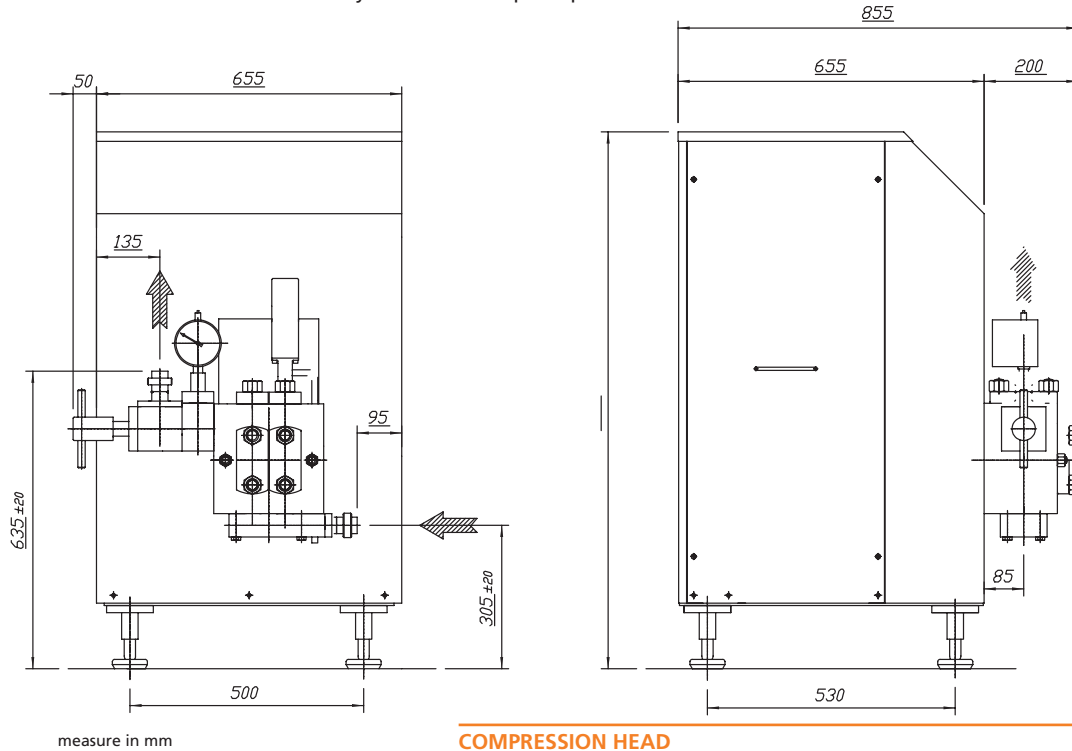
- Polished stainless steel removable panels for easy access and maintenance
- Galvanized steel base frame on adjustable legs

TOOLS AND SPARE PARTS

- Special tools and one set of emergency spare parts supplied with the machine
- O&M manual and Spare Parts list on CD-ROM

Ariete NS 2006

- 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 1500 bar
- Monoblock compression head design up to 600 bar pressure
- Multiblock VHP compression head design for operation over 600 bar, to avoid stress concentration and block failure
- Easy implementation in remote controlled systems and complete process lines



Technical specifications are not mandatory and subject to change without notice

PERFORMANCES

Pressure (bar)	Max Flow Rate (l/h)
150	650
180	450
200	450
250	320
400	200
600	80
1000	80
1200	80
1500	35

DATI TECNICI

Number of plungers	2
Stroke	40 mm
Max motor power	5.5 kW
Weight	350 kg
Water consumption	40 l/h
Lubricating oil ISO VG 150	1,5 l

COMPRESSION HEAD

- Special high grade Duplex / super-Duplex SS alloy
- Monoblock or Multiblock VHP 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

- Handwheel actuated
- Wear parts made of tungsten carbide or ceramics

PRESSURE GAUGE

- Sanitary design analog high pressure gauge

PRODUCT LINE CONNECTIONS

- DIN 11851
- Tri-Clamp™
- Others as option upon request

POWER END

- Rugged cast iron power frame
- Splash lubrication, forced as option
- Polished SS machine casing on galvanized steel frame
- Special high grade Duplex / super-Duplex SS alloy compression head
- Monoblock or Multiblock VHP construction

MAIN OPTIONS

- High pressure pump version
- 2nd stage homogenizing valve
- Electric power board for fixed or
- Variable capacity