

Ariete NS3006



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

HOMOGENISING 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 option

POWER END

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

CASING

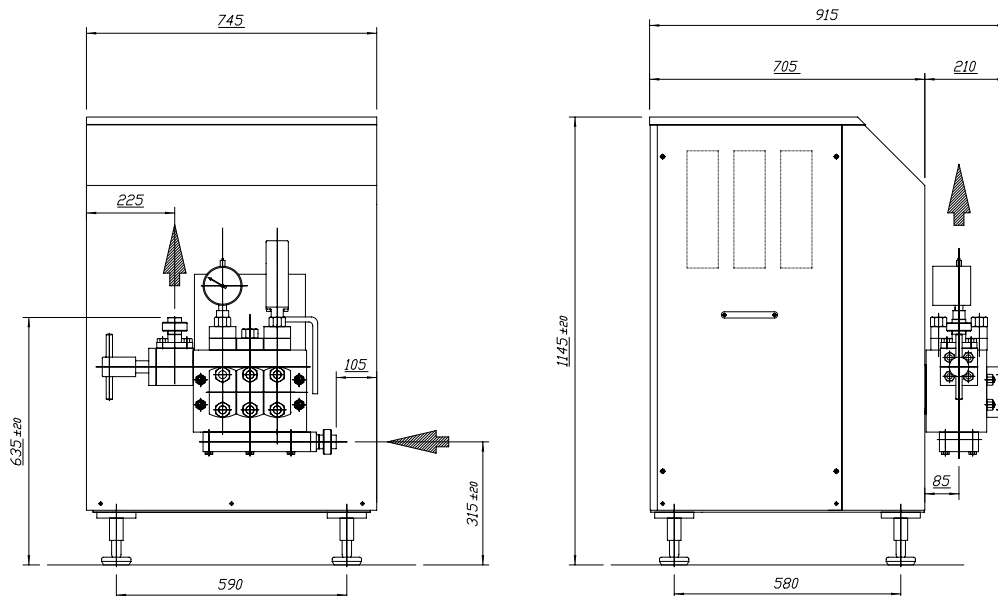
- Polished stainless steel with removable panels for easy access and maintenance
- Galvanized steel base frame on adjustable legs

TOOLS AND SPARE PARTS

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

Ariete NS 3006

- 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



measure in mm

Technical specifications are not mandatory and subject to change without notice

PERFORMANCES

Pressure (bar)	Max Flow Rate (l/h)
150	1000
180	750
200	750
250	600
400	350
600	220
1000	120
1200	120
1500	50

TECHNICAL DATA

Number of plungers	3
Stroke	40-50 mm
Absorbed motor power up to	5.5 kW
Weight	550 kg
Water consumption	60 l/h
Lubricating oil ISO VG 150	3 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

MAIN OPTIONS

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

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
=ISO 9001/2000=

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