

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

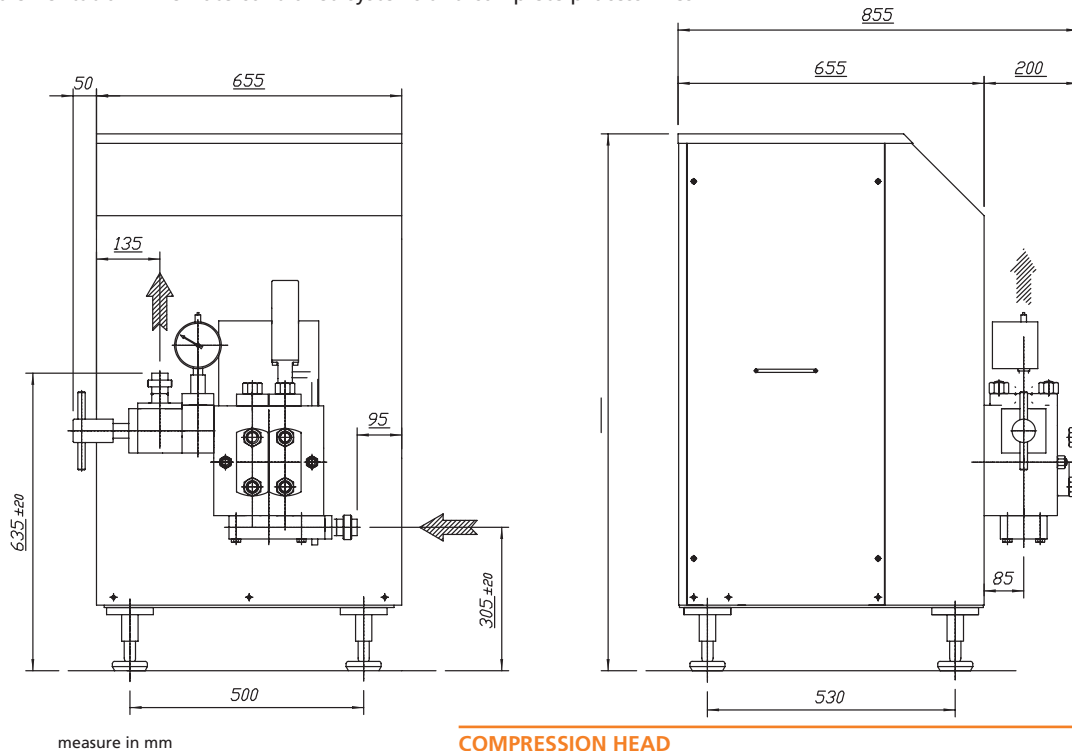
- Polished stainless steel removable panels for easy access and maintenance
- Galvanized steel base frame on adjustable legs

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

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- 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	650
180	450
200	450
250	320
400	200
600	80
1000	80
1200	80
1500	35

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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

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

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