

Raffaello Series

HIGH PRESSURE HOMOGENIZERS AND PLUNGER PUMPS SINCE 1974

Model HA/PA32



The new Raffaello Series

conceived with new modular design, guarantees high flexibility. It is designed with simplicity in mind for easy maintenance and installation and for heavy duty applications. Suitable for CIP and SIP.

Powered by Interpump Group S.p.A. with splash lubrication

MODEL TABLE* | MAXIMUM CAPACITY** | PRESSURE

MODELS	POWER kW	PRESSURE bar	150	200	250	400	600	1.000	1.200	1.500
HA/PA32030	30	CAPACITY l/h	6.000	4.000	3.000	1.700	1.200	800	650	300

*Values referring to machines with fixed capacity

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

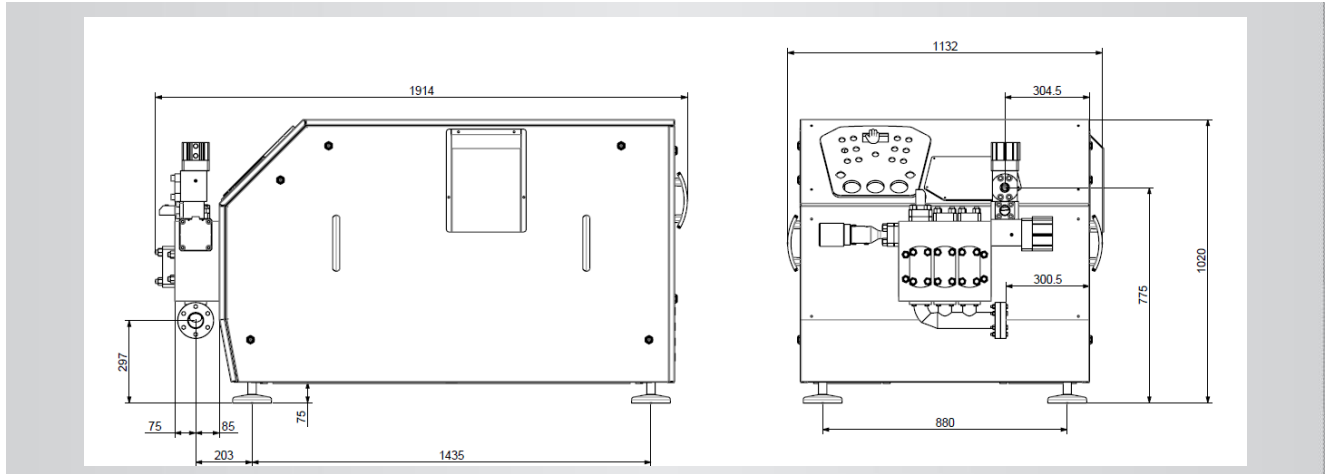
TECHNICAL DATA

Plunger number	3
Stroke (mm)	70
Weight (Kg)	1.400
Water consumption (l/h)	150
Lubrication oil quantity (kg)	10,5
Product inlet/outlet	Socket weld flange inlet outlet: Øe58 Øi52,5 / Øe33,8 Øi25

Design according to MACHINE DIRECTIVES and the HARMONIZED EUROPEAN STANDARD in force.



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FEATURES

Duplex (SAF2205) monoblock stainless steel compression head of high mechanical and corrosion resistance, ceramic pumping plungers

Direct transmission system with gear reducer integrated in the cast iron crankcase, cross slide on the motor and trapezoidal belts and pulleys

Homogenizing group with hydro-pneumatic adjustment of homogenizing pressure and homogenizing valves made of stellite™

Conical valve seat and poppet valves in stellite

Digital pressure transmitter with ceramic membrane

Overpressure valve, flow switch alarm on water circuit

Splash lubrication system

Terminal box and control panel for local/remote control

Removable panels for easy maintenance

OPTIONS

Second stage homogenizing group

Super duplex (SAF2507) compression head,
Standard over 600 bar

Aseptic execution

- Condensate unit for generate condensate from steam
- Patented sterile water system by microfiltration

3A, EHEDG or pharma design

- < 0.6 roughness and electropolished wetted surfaces
- Certification manual for cGMP

High efficiency homogenizing valve, made of

- Tungsten carbide
- Ceramics

Ball type valve groups

Tungsten carbide valve seats

Pumping plungers:

- Chrome carbide coating
- AISI 630 covered with chrome

Electric board:

- Internal electric board for fixed and variable capacity
- Automatic pressure control (PID) by means of PLC

Inlet and outlet connections

- DIN 11851, Tri clamp, SMS
- High pressure outlet
- Option upon request

Sound-proof design

Explosion proof design

Vibration and temperature monitoring and alarm

