

Raffaello Series

HIGH PRESSURE HOMOGENIZERS AND PLUNGER PUMPS SINCE 1974

Model HA/PA32

Raffaello Series

Powered by Interpump Group



MODEL TABLE* | MAXIMUM CAPACITY (l/h)** LINKED TO THE RELATED PRESSURE (bar)

MODELS	POWER kW	PRESSURE bar	150	200	250	400	600
HA/PA32	30	CAPACITY l/h	6.000	4.500	3.800	2.200*	1.500*

*Values referring to machines with fixed capacity

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

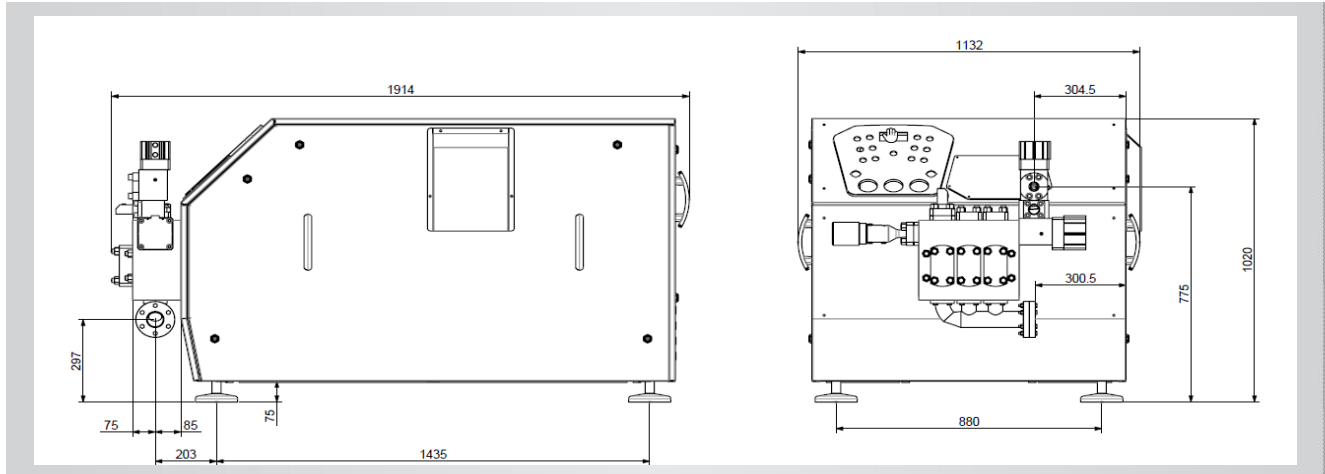
TECHNICAL DATA

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.



Model HA/PA32



FEATURES

Forged block made of Duplex, SAF2205, 3 Plungers made of Integral Ceramic AL2O3

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, 4-20 mA, with ceramic membrane

Overpressure valve, flow switch alarm on water circuit

Splash lubrication system, die cast aluminium crankcase, nitridized crankshaft

Terminal box and control panel for local/remote control

Easy opening panels

OPTIONS

Second stage homogenizing group

Forged multi-block made of Super Duplex, SAF2507

Aseptic execution

- Sterile water generator by means of condensed steam generator
- Patent pending sterile water generator by means of microfiltration

Design suitable with: 3A, EHEDG or PHARMA

- Low roughness and electropolished wetted parts
- Certification manual for cGMP

Standard or Sharp Edge Homogenizing valve with different geometries, materials availability:

- Tungsten carbide
- Zirconia Oxide

Seat valve made of Tungstene carbide

Vibration and temperature monitoring and alarm

Pumping plungers availability:

- HVOF chromium carbide jet coat treatment

Electric power board

- for Fixed or Variable capacity
- Remote Control by 4-20 mA signal
- Fully Automatic pressure control by means of PLC

Inlet and outlet connections

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

Explosion proof design

Soundproof design

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

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