

Model HA/PA35

Raffaello Series

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



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

MODELS	POWER kW	PRESSURE bar	150	200	250	400	600
HA/PA35	132	CAPACITY l/h	22.500	20.500*	16.000	9.000	6.500*

*Values referring to machines with fixed capacity

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

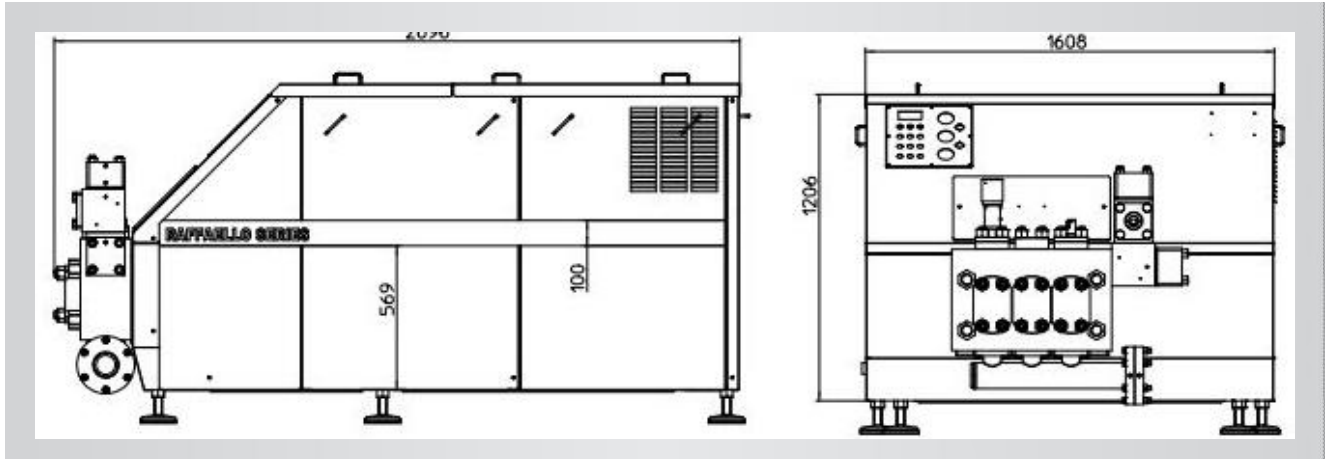
TECHNICAL DATA

Plunger number	3
Stroke (mm)	100
Weight (Kg)	4.200
Water consumption (l/h)	200
Lubrication oil quantity (kg)	(SAE 15W-40) 40
Connection product inlet/outlet	Flange to weld $\varnothing e115 \varnothing i110 / \varnothing e52 \varnothing i46$

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



Model HA/PA35



FEATURES

Forged block made of Duplex, SAF2205, Self-alignment patented system, 3 Plungers made of AISI630L covered by chrome

Double stage transmission system with pendular gear reducer and trapezoidal belts and pulleys

Homogenizing group with hydro-pneumatic adjustment of the pressure for a great stability and homogenizing valves in stellite™

Conical valve seat and poppet valves made of stellite 20™

Overpressure valve, flow switch alarm on water circuit

Digital pressure transmitter, 4-20 mA, with ceramic membrane

Forced lubrication system with pressure switch, cast iron crankcase with supporting roller bearings

Terminal box and control panel for local/remote control

Friendly maintenance of the liquid end

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
- cGMP certificates to add to Customer Pharma Manual

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

- Tungsten carbide
- Zirconia Oxide
- High efficiency patented homogenizing valve "Margherita"

Seat valve made of Tungstene carbide

Vibration and temperature monitoring and alarm

Pumping plungers availability:

- HVOF chromium carbide jet coat treatment
- AL2O3, Integral ceramics

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

Sound-proof design

