

## Model HA/PA30

### Michelangelo 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	1000	1200	1500
HA/PA30	9.2*	CAPACITY l/h	1.900*	1.400*	1.100*	700*	400*	200*	150	100*

\*Values referring to machines with fixed capacity

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

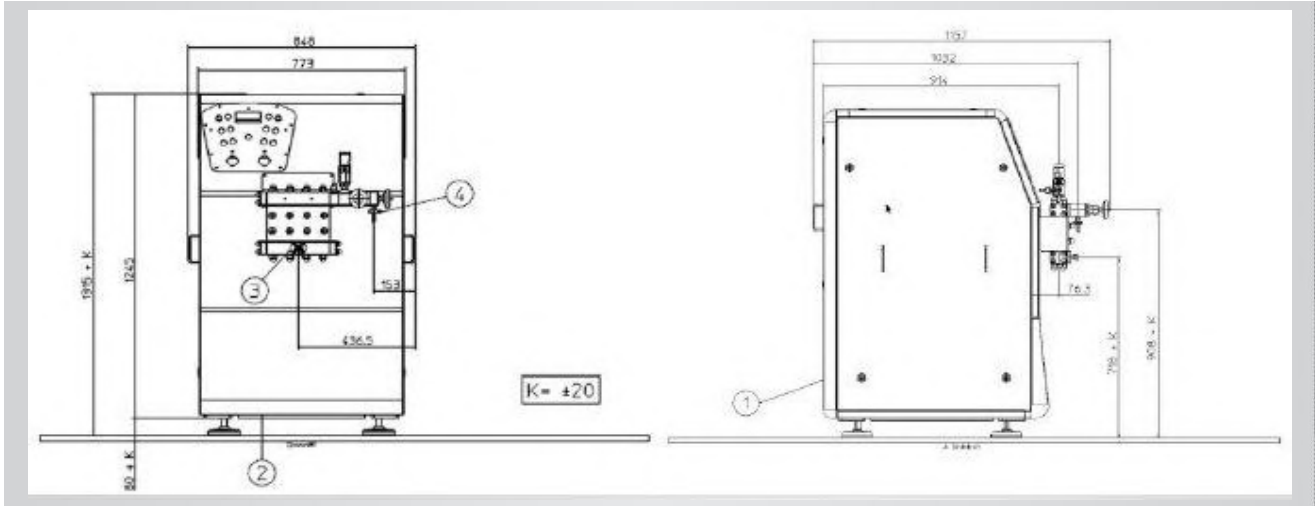
#### TECHNICAL DATA

Plunger number	3
Stroke (mm)	50
Weight (Kg)	550
Water consumption (l/h)	150
Lubrication oil quantity (kg)	(SAE 85W-90) 4
Air and water inlet	½" female
Water discharge	½ female
Product inlet/outlet	Socket weld flange Øe40 Øi37 / Øe29 Øi22

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



## Model HA/PA30



### FEATURES

Forged block made of Duplex, SAF2205, 3 Plungers made of AISI630L

Direct transmission system with trapezoidal belts and pulleys

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

Flat valve seat and poppet/ball valves type made of stellite 20™

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

Overpressure valve, flow switch alarm

Splash lubrication system, die cast alluminium crankcase, nitrurized 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
- 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

Soundproof design

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

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