



HIGH PRESSURE HOMOGENIZERS AND PLUNGER PUMPS

SINCE 1974



Michelangelo SERIES

PLUS

- Hygienic design and manufacture according to MOCA regulations
- Friendly maintenance of liquid end
- Power end minimal maintenance
- Easy opening panels
- Low sound level

MODEL HA/PA31 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	150 bar	200 bar	250 bar	400 bar	600 bar	1000 bar	1200 bar	1500 bar
11	2.200	1.700	1.300	800	500	250	200	100
15	3.000	2.000	1.500	800	600	300	200	200



Raffaello SERIES

PLUS

- Hygienic design and manufacture according to MOCA regulations
- Patented self-alignment plunger system
- Poppet valves for viscous and abrasive products
- Friendly maintenance of liquid end
- Power end minimal maintenance
- Easy opening panels
- Low sound level
- Low water consumption
- Reduced complexity of power end

MODEL HA/PA34 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	150 bar	200 bar	250 bar	400 bar	600 bar
55	12.000	9.000	7.200	4.500	2.900
75	16.400	12.300	10.000	6.000	4.000
90	17.800	13.600	10.000	6.800	4.400



Leonardo SERIES

PLUS

- Hygienic design and manufacture according to MOCA regulations
- Patented self-alignment plunger system
- Poppet valves for viscous and abrasive product
- Double product inlet (pulsation dampers not needed)
- Naked version for friendly maintenance of liquid end available
- Easy opening panels
- Closed cabinet for sound-proof execution available

MODEL HA/PA53 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	150 bar	200 bar	250 bar	400 bar	600 bar	1000 bar	1200 bar	1500 bar
315	50.000	50.000	41.000	24.000	16.000	8.000	6.000	5.000
355	50.000	50.000	45.000	25.000	16.000	8.000	6.000	5.000



Galileo SERIES | ATOMO 3.0

PLUS

- Table-top three plungers laboratory homogenizer. Reliable scale up from test to production
- Suitable for abrasive and viscous products
- Atex configuration available
- Skid version available

MODEL ATOMO 3.0 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	600 bar	1000 bar	1500 bar
4	200	100	30



Galileo SERIES | QUARK

PLUS

- Table-top single plunger laboratory homogenizer
- Suitable for abrasive and viscous product
- Atex configuration available
- Minimum sample volume 10 ml
- Suitable to be feeded with syringes

MODEL QUARK - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	2.000 bar
2,2	3



MODEL HA34 SRV

PLUS

- High pressure homogenizer up to 1.500 bar at 1.000 l/h
- High energy and volumetric efficiency
- New design of compression head for reduced maintenance costs and extended lifetime of consumable parts
- Validated for nano dispersions and nano emulsions
- Skid version available with full automation

MODEL HA/PA34 SRV - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	1000 bar	1200 bar	1500 bar
55	1.500	1.100	800
75	2.000	1.400	1.000
90	2.100	1.400	1.000

PUMPS FOR PRODUCT CONTAINING PIECES



Giotto SERIES | PX

PLUS

- Gentle handling of product containing pieces up to 30 mm
- Pumping product keeping constant solid-liquid ratios
- Low maintenance cost compared to other types of pumps
- Extended maintenance program

MODEL PX31 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	25 bar	40 bar	80 bar
2,2	3.000	1.800	900
3	3.500	2.000	1.200
4	3.500	3.000	1.500
5,5	3.500	3.500	1.800

MODEL PX33 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	25 bar	40 bar	80 bar
7,5	8000	5000	2000
11	12500	7000	3000
15	14000	10000	5000



Giotto SERIES | TP

PLUS

- Gentle handling of product containing pieces up to 60 mm
- Pumping product keeping constant solid-liquid ratios
- Low maintenance cost compared to other type of pump
- Extended maintenance program

MODEL TP21 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	16 bar
2,2 + 2,2	2.000

MODEL TP22 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	16 bar
9,2 + 9,2	12.000





Chopper Pump MODEL BT60L

PLUS

- Tailor made chopper pump to mince tomato and fruits
- Used to obtain a fine and regular size of the product
- Ensures a complete and homogeneous heating till the heart of all pieces
- Removable inside blades

MODEL BT60L - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	6 bar
30	60.000



MODEL Colloidal Mill

PLUS

- Variable geometry
- Low energy consumption
- Low maintenance cost

MODEL BM10060 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	8 bar
5,5	3.000

MODEL BM10140 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	8 bar
22	12.000

MODEL BM10090 - MAX CAPACITY [l/h] PRESSURE [bar]

Power kW	8 bar
11	6.000





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