

Liquids to Value



One	7TS
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**From the world leader
in high pressure
homogenization:
absolute quality
and reliability
with advanced
technical solutions
for any process need.**

The One series homogenizers, compliant to EU safety rules (CE standards) and built according to EN ISO 9001:2008 Quality System, are the best fit for dairy, food & beverage applications.

LIQUID END

- Engineered with a reduced number of parts for simplified use and maintenance
- High quality forged stainless steel and special high wear resistant materials for best mechanical and corrosion resistance performance
- Monoblock construction compression head
- Ball (PVB) pumping valves

HOMOGENIZING VALVE

- Wear parts in solid tungsten carbide for extended operation.
- One stage with pneumatic adjustment from the machine's control panel
- Second homogenizing stage as option

POWER END

- Heavy duty and reliable power frame housing the transmission elements
- AC motor drive
- Splash lubrication
- "V" belts drive

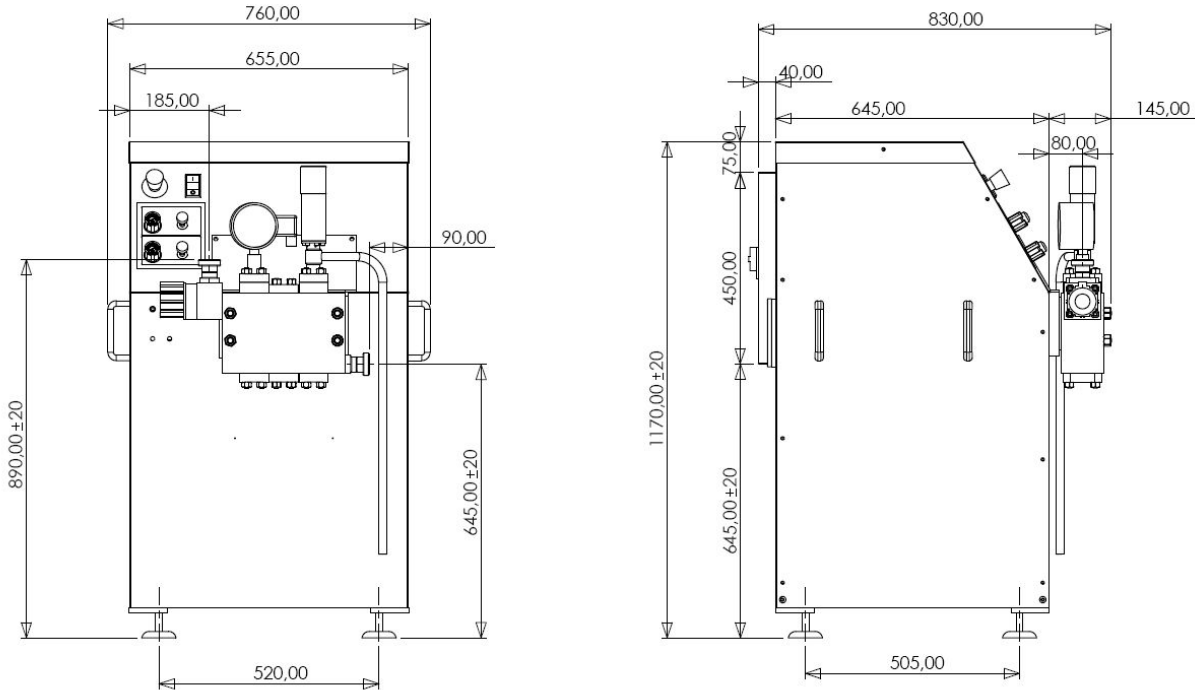
CASING

- Made of polished stainless steel
- Easy access and maintenance with removable panels
- The casing includes a stainless steel terminal box/electrical panel directly accessible from the outside

TOOLS AND SPARE PARTS

- Ordinary maintenance tools and one set of emergency spare parts supplied with the machine
- O&M manual and spare part list on CD-ROM



One**7TS****DIMENSIONAL DRAWING**

measure in mm

Available up to 250bar, suitable for CIP and SIP, the One machines are the fit for purpose solution for small and medium size process line. The energy efficient solution of One range allows to reduce consumptions and optimize the running costs.

PERFORMANCES

Pressure (bar)	Max Flow Rate (l/h)
100	1050
130	1050
150	1050
180	1050
200	850
210	850
250	300-650

TECHNICAL DATA

Number of plungers	3
Stroke	40 mm
Absorbed motor power up to	7,5 kW
Weight	350 kg
Lubricating water	90 l/h
Lubricating oil ISO VG 150	2,5 l

PUMP VALVES

- SS alloy removable and reversible valve seats
- Ball type (PVB) pumping valves in SS alloy

PLUNGERS

- Chrome coated stainless steel
- Self centering clamped connection

PRESSURE GAUGE

- Sanitary design analog high pressure gauge

PRODUCT LINE CONNECTIONS

- DIN 11851 fittings
- Tri-Clamp™ fittings

POWER END

- Cast iron power frame
- Forged special alloy steel crankshaft on roller bearings
- Splash lubrication
- Direct belt drive

CASING

- Polished SS machine casing on galvanized steel frame

MAIN OPTIONS

- 2nd stage homogenizing valve
- Electric power board inside the machine casing (access from the back)

Technical specifications are not mandatory and subject to change without notice. REV.1_/2012



GEA Mechanical Equipment

GEA Niro Soavi

Via A. M. Da Erba Edoari, 29 - I 43123 Parma (Italy)

Phone + 39 0521 965411 Fax +39 0521 242819

Info.GeaNiroSoavi@geagroup.com www.niro-soavi.com