![BAVA logo] **TESTING SOLUTIONS**

IMPULSIVE TEST BENCH / B_21SS3

B_21553 test bench is designed to test:
- heat exchangers.

The test fluid is ethylene glycol.

Two test stations test bech can performs impulsive pressure cycles.
For each test cycle the system flushes the component to ensure constant temperature.

The machine working cycle is:
• Setting pressure cycle with ramps and stationary steps by inserting pairs of points (time-pressure).
• Filling and deaeration phase with flow visual indication.
• impulsive pressure steps and component flushing.

TECHNICAL DATA:
- Pressure test: from 0,3 up to 5 bar;
- Square wave pulse: from 0,5 to 5 sec;
- Max Temperature: 140 °C +/-2.
- Flow   600 – 5000 lph
- Volume test specimen   15 lt (max)

INSTRUMENTATION:
- Pressure transmitter: f.s. 6 bar, cl 0,25%
- Temperature sensor: PT100

SAFETY DEVICES:
- Open doors electric control
- Open doors interlock
- Test area with metal lids against shots and fluid leaks
- Emergency button
- Test shut down if component failure; oil leakage or test bench warning

POWER SUPPLY:
- Electric: 400 Vac-50 Hz–30 kW
- Air: 6 bar
- Water: T<=20°C

DIMENSIONS AND WEIGHT:
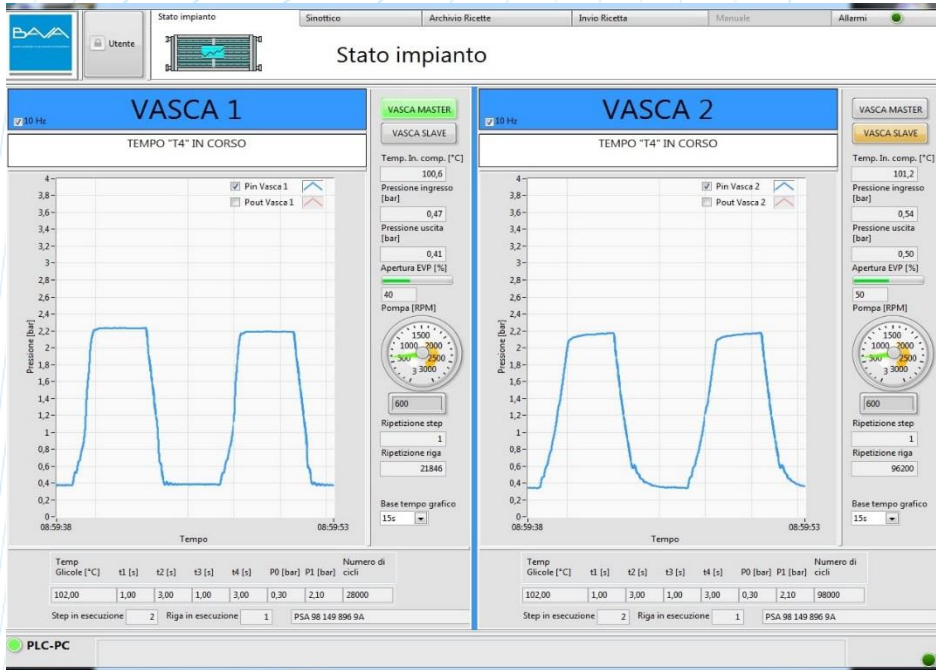- L, p, h: 3400 x 2000 x 2400 mm;
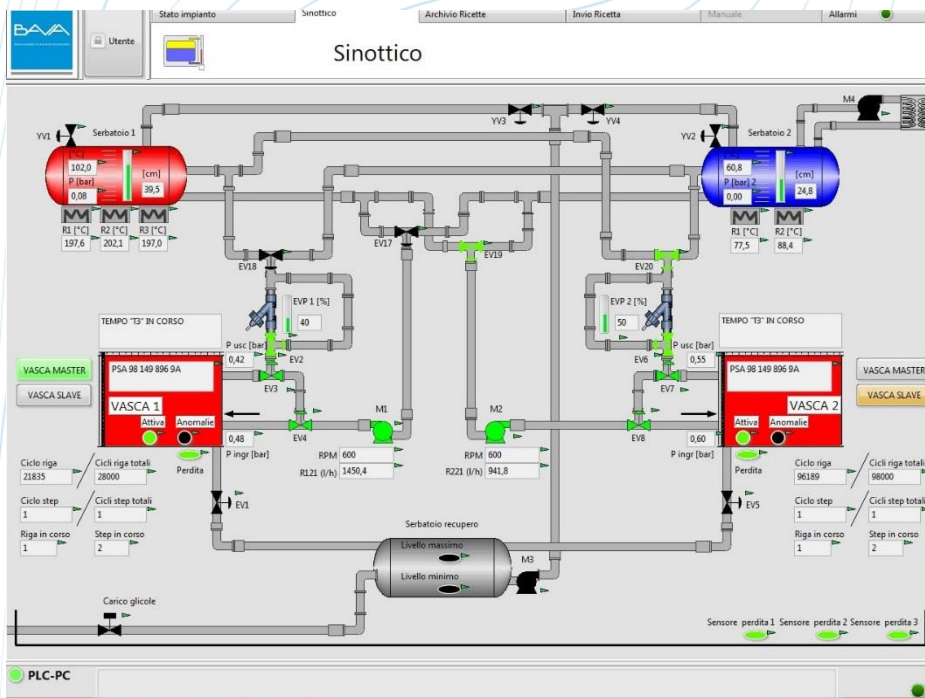- Raw load: ~ 2300 kg

COLOR:
• Standard Gray 7035.

NOTE:
• Fluid and adapters not included

The test stand is equipped with a PC and NI data acquisition system
PC software can sets the test profile and can create a complete test report [pressure vs time].

Test bench meets the requirements of Industry 4.0, as it allows:
- Interface with external software to be able to obtain information on the status of the bench and carry out control and management operations of it;
- Take advantage of the remote assistance service by the BAVA technicians;
- Remote control of the bench compatibly with the permissions of the corporate network.

Gui is customizable in multiple languages

BAVA S.r.l.

Head quarter: Via San Quintino 26/A - 10121 Torino - Italy
Offices&Workshop: Via Riccardo Lombardi 9 - 10028 Trofarello (TO) - Italy

Tel / Fax: +39 011 349 66 06

info@bavasrl.com – (PEC bava@legalmail.it)

www.bavasrl.com