

ADUE - Sugar dissolving

Final beverage storage

Emptying and mixing - Sugar syrup

JUICY TECHNOLOGY

Plant sanification - Fruit pieces

ITALY - SINCE 1967

Minor ingredient - Water treatment

In line blending and carbonation

Control room - Granulated sugar handling

Deaeration and homogenization

SPARKLING IDEAS

Final drink carbonation - Stabilizers dissolving

Final beverage mixing



ADUE di Squeri Donato & C. S.p.A. - ITALY
adue.it - info@adue.it - Tel.+39 0521 545011



Since 1967

EASY Solutions for Beverage Preparation



ADUE: designs, manufactures and installs complete processing plants for the preparation of the following products:

- finished syrups and syrup concentrates;
- carbonated beverages (CSD);
- non-carbonated beverages (NCB);
- fruit juices and tea drinks (clear);
- juices with fruit pieces, pulp and fibres (slurry);
- energy, fantasy and functional drinks;
- non-alcoholic beer.

Moreover:

- water treatment plants (**EASY.Water**);
- CIP washing units (**EASY.Clean**);
- Supervisory Control and Data Acquisition (SCADA) systems (**EASY.Drive**).

ADUE: with over 55 years' experience is able to provide a proper solution to satisfy any customer needs:

- starting from the raw materials (sugar, powders, concentrates, juices, etc.) receipt and treatment up to the final processing of the beverage (or concentrate) with further transfer to the filling area;
- connection interface with various types of filler (PET, CAN, CARTON, GLASS, POUCHES, Bag in Box);
- supply of the service equipment (Boiler, Chiller, Tower, etc.) and respective distribution systems.

ADUE: is able to provide plants with the output capacity ranging between 4.000 l/h and 300.000 l/h, available in the following versions:

- fully automatic, with **EASY.Drive** module to manage all preparation phases;
- semiautomatic, with recipe management assistant SW;
- manual, assuring practical and functional lay-out and reduced operation time.



EASY.Room

PROCESS AND PREPARATION ROOM - EASY.Room



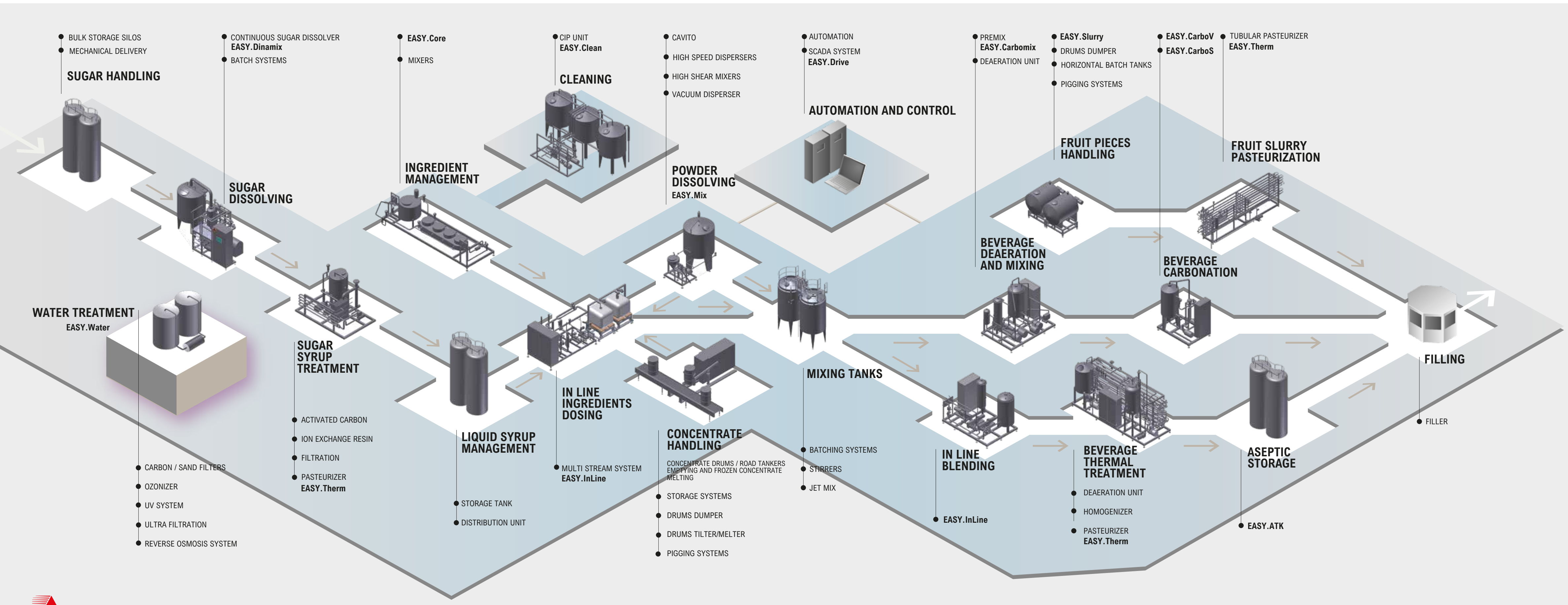
EASY.Room

EASY.RoomBlock

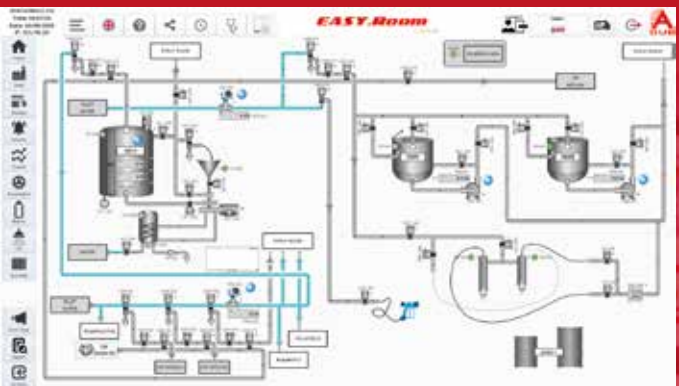
Fully Pre-Tested-on-Skid unit. Capacity: 2.000 + 4.000 l/h.

PROCESS ROOMS

AUTOMATION - EASY.Drive



- Thanks to a team of qualified professionals specialized in Beverage Processing, ADUE develops and implements customized management programs using its own SCADA **EASY.Drive** or the most widespread platforms (Siemens WinCC TIA Professional, Wonderware/System Platform, Rockwell Factory Talk, etc.), according to the following drives:
- **intuitive management**, according to thematic areas, for immediate understanding by the operator;
- **access control** and management of different access level operators' passwords by means of LDAP protocol;
- **data acquisition** with Client-Server architecture and with redundant Servers;
- **operational reporting** to service the production and/or maintenance managers;
- **data sharing** through corporate networks;



- **easy integration** with the other existing SCADA installations;
- **traceability and total control** of the beverage preparation process, including management of the trends, alarms, log-events, process and plant parameters;
- **connectivity** of the customer: remote access, through tablet PC or smartphone;
- **assistance** provided by ADUE technicians through remote access via VPN;
- **active diagnostics** for fault management, plant alarms, trouble-shooting and planned maintenance;
- **plant intelligence pack**, for ingredients consumption and service fluids and energy demand counting, with calculation of plant OEE performance (KPI indices or availability, quality and yield performance).



EASY.Drive

