A DUE • Sugar dissolving • Final beverage storage
Emptying and mixing • Deaeration and homogenization
Plant sanification • JUICY TECHNOLOGY
SINCE 1967 • In line blending and carbonation
Minor ingredient • Fruit pieces • Granulated sugar handling
Fruit slurry pasteurization • Concentrate handling
Control room • SPARKLING IDEAS
Final drink carbonation • Stabilizers dissolving
Final beverage mixing • Sugar syrup • ITALY
Pasteurization • Aseptic process
In line dosing and mixing • Water treatment

Juicy
Technology
and Sparkling
Ideas

EASY SOLUTIONS
for Beverage Preparation

PROCESS and PREPARATION ROOM - EASY.Room

A DUE: 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**).

A DUE: with over 50 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.

A DUE: 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

EASY.Room

EASY.Room

EASY.RoomBlock
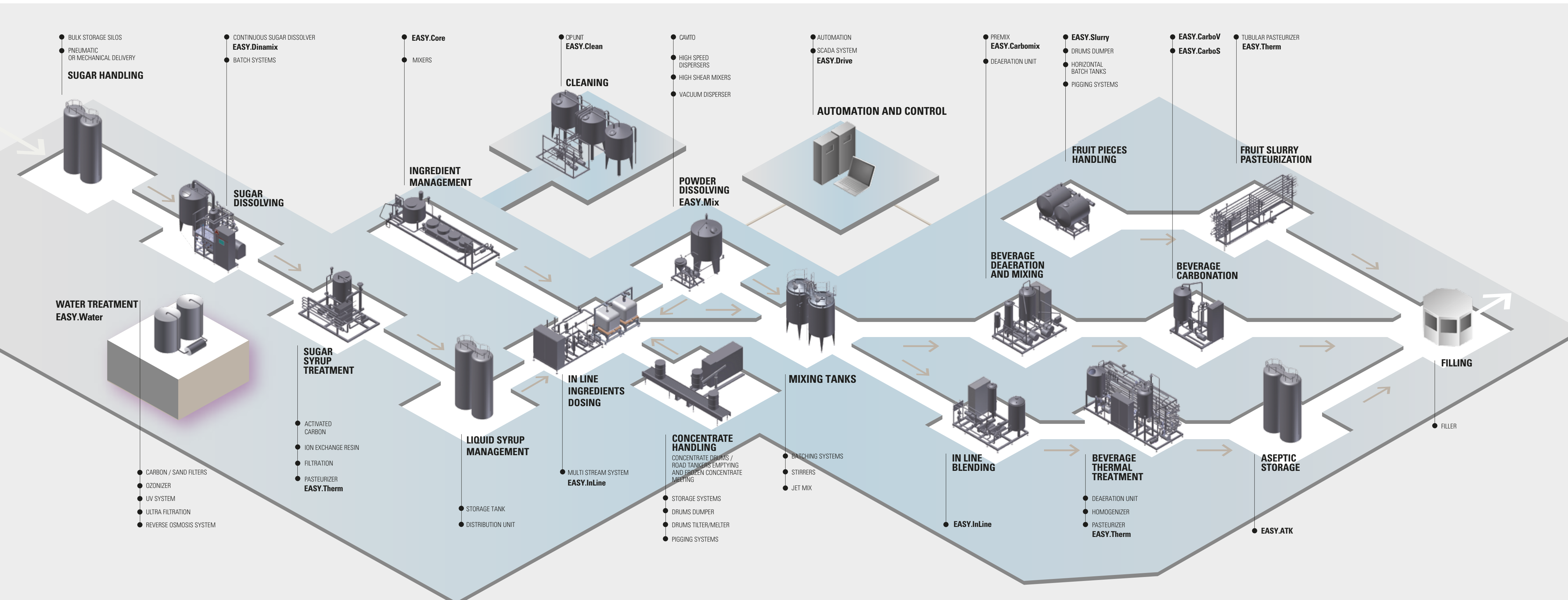Fully Pre-Tested-on-Skid unit. Capacity: 2.000 ÷ 4.000 l/h.

Juicy
Technology
and Sparkling
Ideas

A DUE di Squeri Donato & C. S.p.A.

www.adue.it · info@adue.it

1967
2017
Innovation by tradition

Thanks to a team of qualified professionals specialized in Beverage Processing, **A DUE** 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;
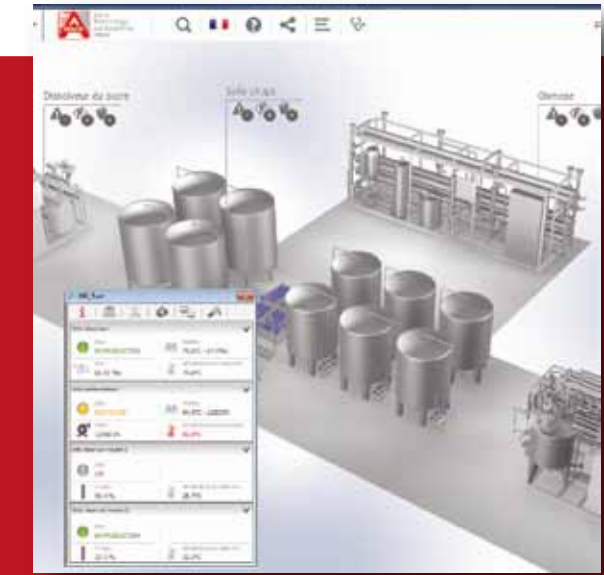
- **data sharing** through corporate networks;
- **easy integration** with the other existing SCADA installations;
- **traceability and total control** of the beverage preparation process, including management of the trends, alarms, log-events, process and plant parameters;
- **connectivity** of the customer: remote access, through tablet PC or smartphone;
- **assistance** provided by **A DUE** 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

BULK STORAGE SILOS
PNEUMATIC OR MECHANICAL DELIVERY

SUGAR HANDLING

CONTINUOUS SUGAR DISSOLVER
EASY.Dinamix
BATCH SYSTEMS

EASY.Core
MIXERS

OP.UNIT
EASY.Clean

CLEANING

CAVITO
HIGH SPEED DISPERSERS
HIGH SHEAR MIXERS
VACUUM DISPERSER

AUTOMATION
SCADA SYSTEM
EASY.Drive

AUTOMATION AND CONTROL

PREMIX
EASY.Carbomix
DEAERATION UNIT

EASY.Slurry
DRUMS DUMPER
HORIZONTAL BATCH TANKS
PIGGING SYSTEMS

EASY.CarboV
EASY.CarboS

TUBULAR PASTEURIZER
EASY.Therm

SUGAR DISSOLVING

INGREDIENT MANAGEMENT

POWDER DISSOLVING EASY.Mix

FRUIT PIECES HANDLING

FRUIT SLURRY PASTEURIZATION

WATER TREATMENT EASY.Water

SUGAR SYRUP TREATMENT

ACTIVATED CARBON
ION EXCHANGE RESIN
FILTRATION
PASTEURIZER
EASY.Therm

IN LINE INGREDIENTS DOSING

MULTI STREAM SYSTEM
EASY.InLine

MIXING TANKS

BATCHING SYSTEMS
STIRRERS
JET MIX

BEVERAGE DEAERATION AND MIXING

BEVERAGE CARBONATION

FILLING

FILLER

CARBON / SAND FILTERS
OZONIZER
UV SYSTEM
ULTRA FILTRATION
REVERSE OSMOSIS SYSTEM

LIQUID SYRUP MANAGEMENT

STORAGE TANK
DISTRIBUTION UNIT

CONCENTRATE HANDLING
CONCENTRATE DRUMS / ROAD TANKERS EMPTYING AND FROZEN CONCENTRATE MELTING
STORAGE SYSTEMS
DRUMS DUMPER
DRUMS TILTER/MELTER
PIGGING SYSTEMS

IN LINE BLENDING

EASY.InLine

BEVERAGE THERMAL TREATMENT
DEAERATION UNIT
HOMOGENIZER
PASTEURIZER
EASY.Therm

ASEPTIC STORAGE

EASY.ATK

Juicy Technology and Sparkling Ideas