



Brewtech

YO Long

YOLONG INDUSTRIAL CO., LIMITED

SINCE 2004,
Experience on Turn Key Brewery & Beverage Projects
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Who We Are

If you are looking for the manufacturer and the supplier of the world-class brewery equipment or the designs and solutions of the world's top brewery systems in China, here is the right place you are looking for. Since 2004, on the level and quality of brewery equipment manufacturing, now YoLong Industrial has been close to the top in the world!

YoLong Industrial started in May of 2004, then we were in mass of production and distribution of brewery tanks. In 2007, when the growing demand in overseas market promoted the continuous development of YoLong's export, the overseas team, YoLong import & export company was established. In 2011, YoLong began supplying stainless steel brew tanks to European and American factories.

In 2016, YoLong have had the ability to produce the world-class brewery systems, so we re-organized. We built a new factory in Ningbo city, to be better to provide our customers with the world's top quality brewery systems and equipment. We have been honored to work with the most respected nano, micro and craft breweries in the USA, Canada, Mexico and Australia. To the Pacific region, we also have cooperated with the famous local technical support companies, to provide the auto control systems, brewery solutions and complete brewing equipment.

In April of 2018, we built a new factory in Ningbo City. Including expert team, R&D team, engineering team and professional workers team, this new factory covers more than 36,000 square meters, is a real complete professional brewing equipment



manufacturing base. This new base has further increased our confidence and ability to continue to provide our customers and partners with cutting-edge technology beyond their expectations.

Our strength is our intuitive design, automatic system design and bold innovation in stainless steel brewing tanks, which reflects our attitude and experience. Especially what we are most proud of, is finishing every weld off with a hand polished bright finish which shows the craftsmanship of our brewing tanks.

YoLong Industrial will be your qualified fabrication partner. We will rely on our global partners, to help you grow your nano, micro, and craft brewery from the ground up.

We provide turn-key support from your brewery start to finish, and with brewery layout, floor plan design, beer brewing equipment installation, culminating in a wonderful, highly efficient operation.

We always enjoy solving problems. Every morning we discuss every question and requirement which from our customers and then give answers and solutions in time.

We solemnly promise that honesty is the first priority. We must be the most honest and trustworthy Chinese in China. And we promise, our all brewery systems and brewing tanks are the best quality in China, and our service is also first-class in China.



What We Do

YoLong specializes on microwebrewery, brewpub building up, provides one stand service of turn key projects from design and final commissioning. YoLong design fabricate kinds of SS tanks and processing tank based on different needs and requirements, customization is full available. Perfect service system of brewing consultation, engineering, technical support and after sale sevices ensure high quality and on time delivery.



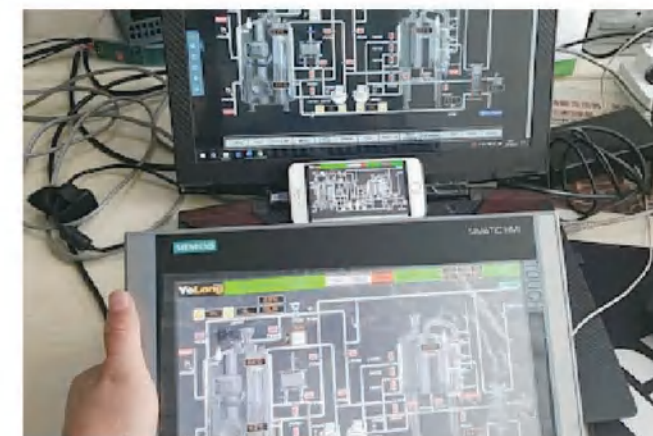
Micro Brewery

Realize every conception, set up your new brewery.



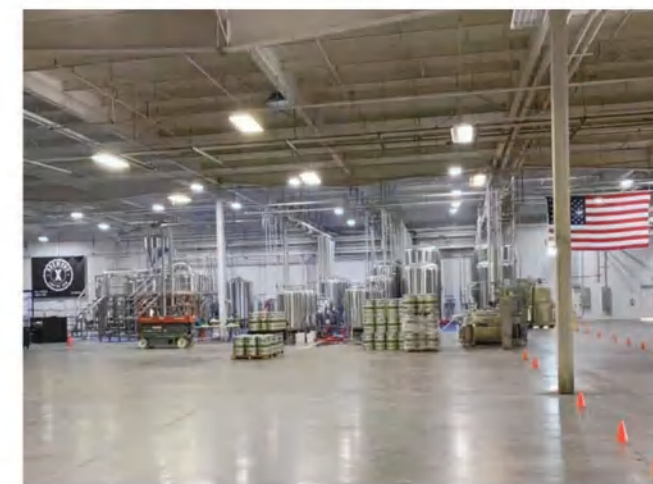
Advanced Control

Professional tech team realize every conception



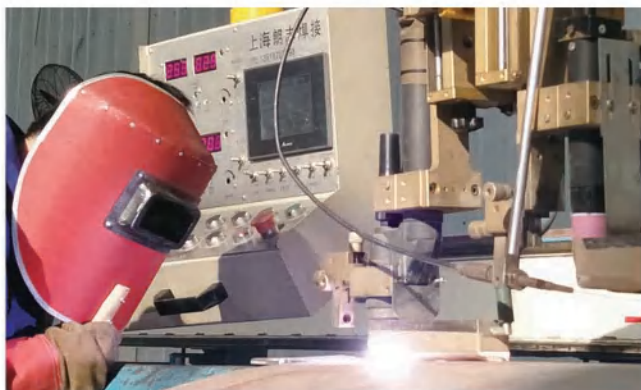
Turnkey Solution

From malts handling to beer package.



OEM Fabrication

Strong production ability and high quality.



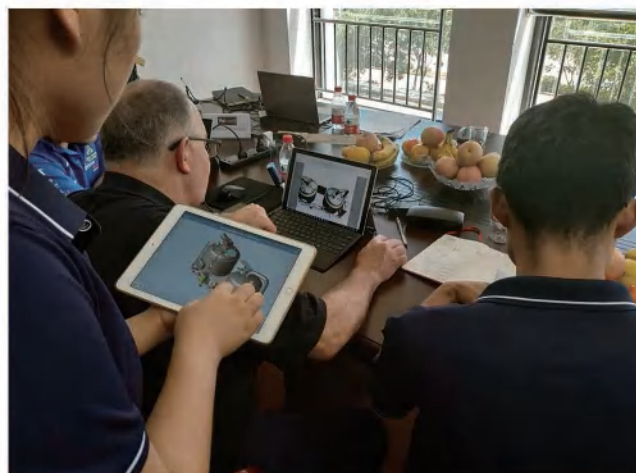
Consultation

Recipes, equipment operation, brewery management



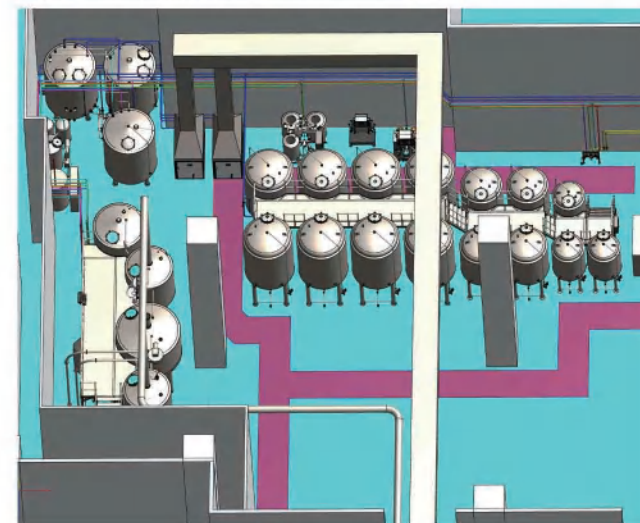
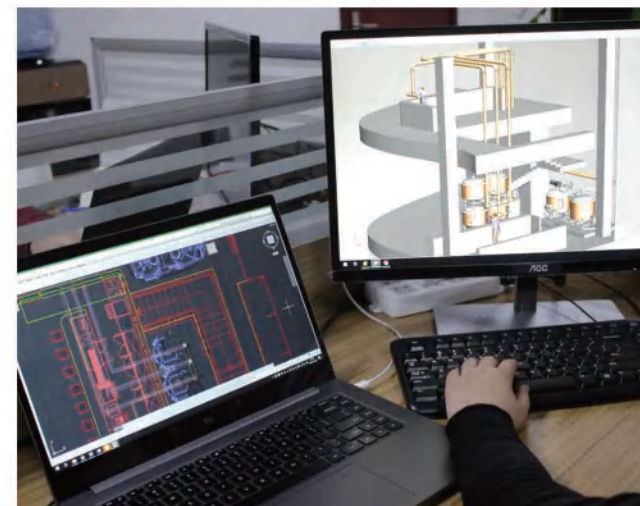
Technical Support

Brewery updates, commissioning, programs updates



Customize Design

Offer 2D, 3D, P&ID etc drawings



Why Us

YoLong has perfect production system, combining professional engineering to ensure high quality and complete brewing solutions for customers.

◎ Design Concept

- Brew friendly system design



- Advanced control & functions, special designed for different system



- Well design application in brewery culture



◎ Production Quality

- Strictly in surface polishing, welding, pressure test etc



◎ Certificates

- Provide kinds of certificates for special requirements in different countries

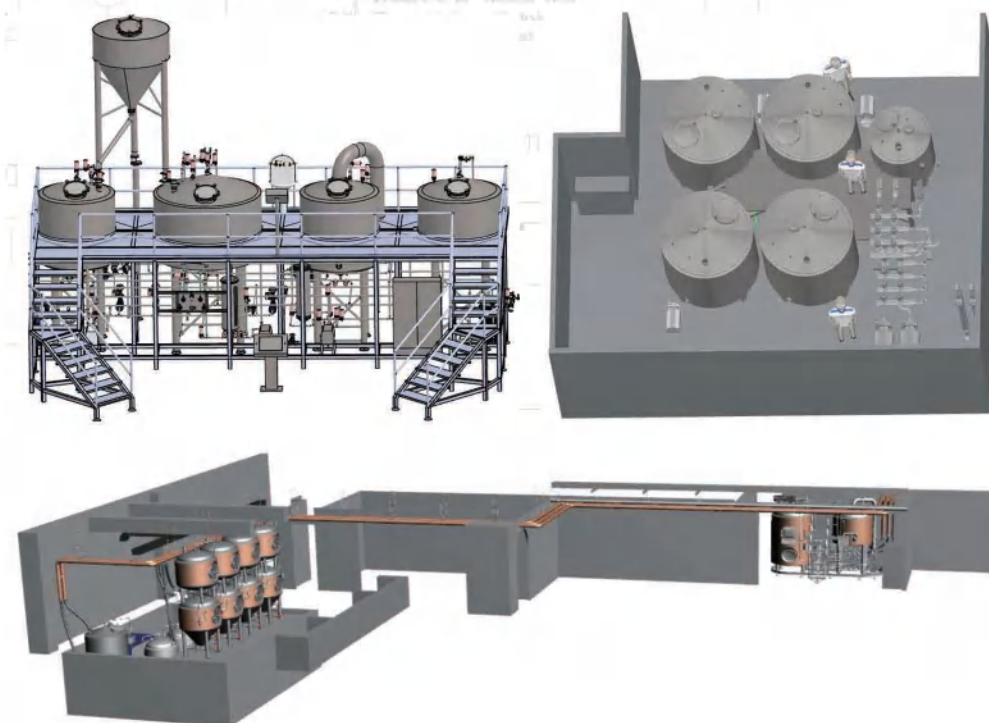


Professional Tech Team

- Design special brewery systems for

- Different site, budget, capacity, automatic Level, custom requirements

YoLong tech team offer brewery tank 2D drawings, layout, 3D model PID drawings, proposal for customer brewery build up, considering every details to ensure trouble less brewery running.

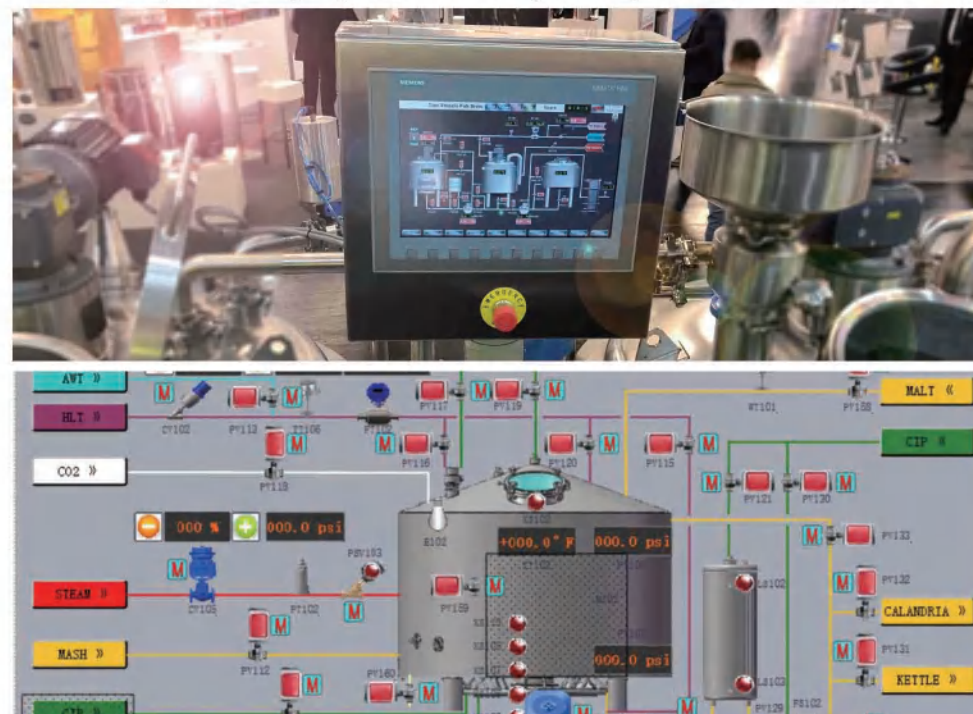


Warranty

- Solve customer problems with quickest time
- Replace new tanks in warranty time
- Free training and technical support

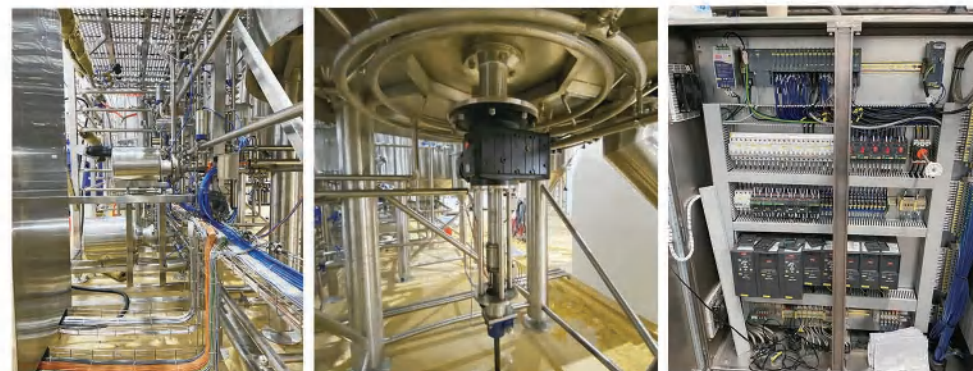
Well Designed Control System and Program

- Electric panel and program for brewing in temp, flow, time, recipes etc.



High Quality & Good Insurance of System Parts

- Famous brand parts: Ifm, Simens, Rockwell, Burkert, E+H, Alfa Laval, GEA, etc .



Why Us

YoLong has perfect production system, combining professional engineering to ensure high quality and complete brewing solutions for customers.

◎ Special Design

- Handrail, Steps, Ladder Angle All Meets Safety Standard. No Risk Of Injury



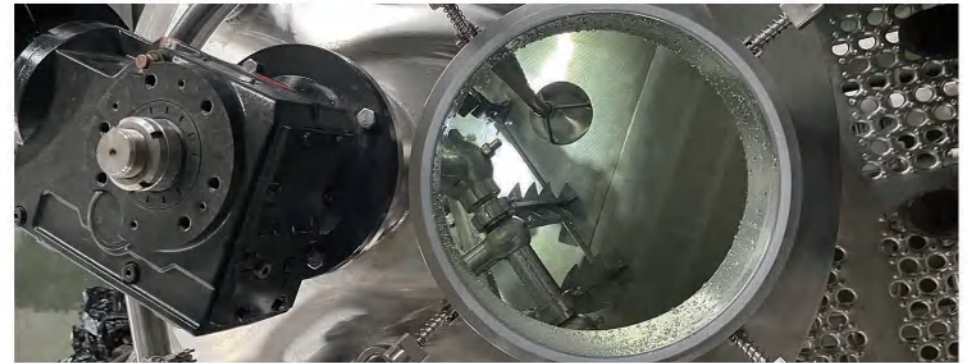
- Platform with dimple plate, easy for drain and clean, anti-slip, more friction and safety



- Wort, water, CIP solution in different lines, no risk of pollution in each kind of liquid



- Design enough headspace on the top of the tank



◎ Surface Treat

- Treat the inner surface of the tank to meet the roughness requirements



◎ Welding

- High standard welding on tanks & piping, no risk of leakage



◎ Polishing

- Reduce the possibility of beer contamination and no dead corners



◎ Quality Insurance

- 72Hour pressure test and recording



Why Us

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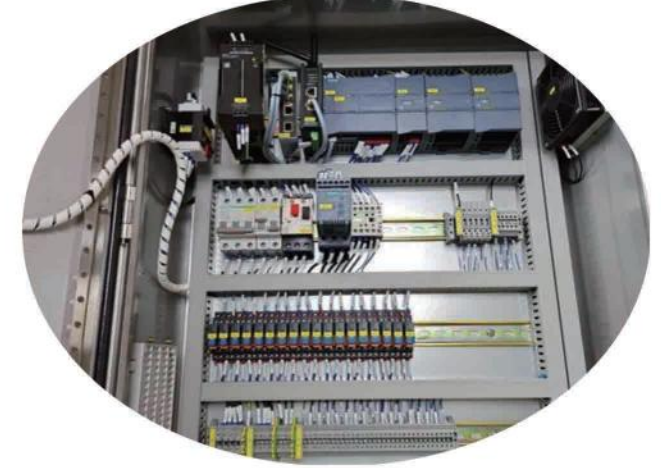
◎ System Parts

- YoLong seeks the optimal solution of quality and price and helps customers find the most cost-effective products in the world

ABB Motor



YoLong fabricated and ensure the high quality and quick service Elements parts of ifm, danfoss, schneider etc



Hx with high heat exchange efficiency, no dead corners



Cooler with small size, light weight, high cooling efficiency

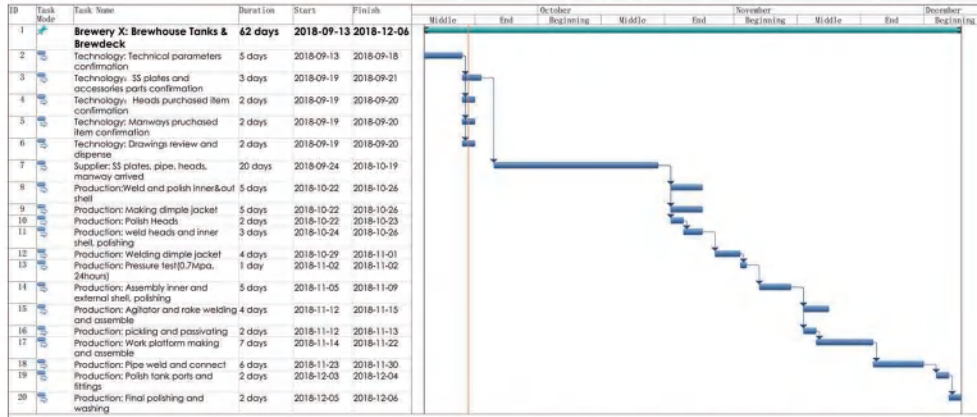


Miller with good quality of belt and rollers



◎ Project Management

- Good Production Plan with mile stone control to avoid “Delivery

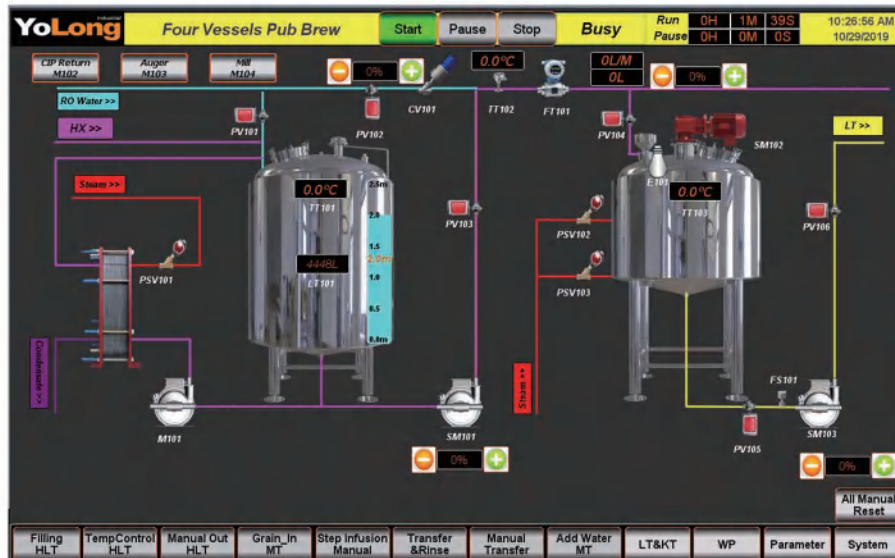


-YOLONG PROGRAM UPGRADE SUPPOT

-Special customer designed program

-Remote control model for PLC system, monitoring on PC and Phone.

-Free program upgrade during warranty,easy to do with USB dish under instructions.



◎ 24 Hour Support

YoLong provides customers with 24-hour professional technical support and services.

And during the warranty period of the equipment, free program upgrades and functional testing services are provided to ensure that customers get the desired functions.

- Online training of installation

- Online training of equipment using

- Solutions for client question



Brewhouse

With full experiences for brewery design, YoLong has been working for automatic brewhouse since 2004. It can much reduce brewers' labor and have a accurate monitor on each process.

Brewhouse with different tank combination styles according to brewery capacity. YoLong fabricate vailable brewhouse capacity of 50L to 200HL, special design of brewhouse tank ensure efficient brewing and brewery budget.

Electric Brewhouse

Capacity from 50L to 15HL, heated by electric heating elments, usually combi with 2vessel and 3vessel.

- Kettle & HLT assembly heating elements
- SS 304 construction
- Skid brewhouse, easy for moving and installation
- HLT & CLT optional
- Pumps, Hx and piping works
- Semi auto control with panel
- Water mixing station measure flow and temp
- Digital control panel or PLC control
- Combined CIP process for higher-cost effective
- Customized for requirements



Steam Brewhouse

YoLong steam brewhouse equipment ranges from 5HL up to the 50HL, customized to your specifications.

- 2 vessel, 3vessel, 4 vessel, steam heated
- SS 304 construction
- HLT & CLT
- Energy recovery system
- Pumps, Hx and piping works
- Semi auto or full auto control with panel
- Malt handling system with grist case, malts conveyor
- PLC+HMI control panel
- Wort aeration and sample sink
- Customized for requirements



YoLong manufactures custom micro brewery equipment on a case by case basis. The size and capacity of the brewhouse depends on what scale beer production is planned by the client.

- Project coordination of third party systems
- On-site management during installation
- Classic, innovative brewing technology
- Support for client's product choice
- 24/7 customer service
- Licensing procedural information



Brewhouse

Direct Fire Brewhouse

Capacity from 5HL to 20HL, heated by gas burner, usually combi with 2vessel and 3vessel. Direct heat has some positives even if there are a few drawbacks. This method is going to work for most people on a medium scale or with a lower budget.

- Kettle & HLT assembly heating elements
- SS 304 construction
- Skid brewhouse, easy for moving and installation
- HLT & CLT optional
- Pumps, Hx and piping works
- Semi auto control with panel
- Water mixing station measure flow and temp
- Digital control panel or PLC control
- Combined CIP process for higher-cost effective
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Advantages

The preferred the caramelization that can occur with gas fired systems.

Avoid the high investment of steam generator also solve the difficult of the power supply requirement on site of the elec heating brewkit.

In some Aera there're strick requirement of the emissions, So need to double check with the burner supplier and make sure it meet for the relative standards.



Brewhouse Parts

The size and scale of your brewhouse operation depends on your production needs.

The brewhouse you order from YoLong will be fully customized for your individual requirements. Our brewhouse-buying customers range from beer hobbyists wanting a home brewing system that will fit into their garage through to clients needing a full-scale turnkey brewery system.

Rakes with sparging line



Agitator with VFD



Sample Sink



Piping & Valves



Brewhouse Control

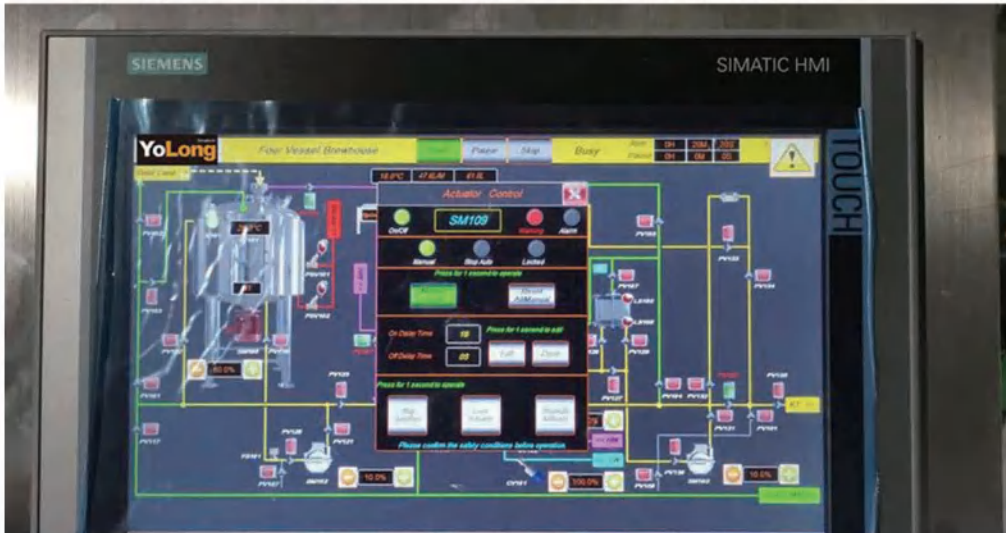


External Boiler



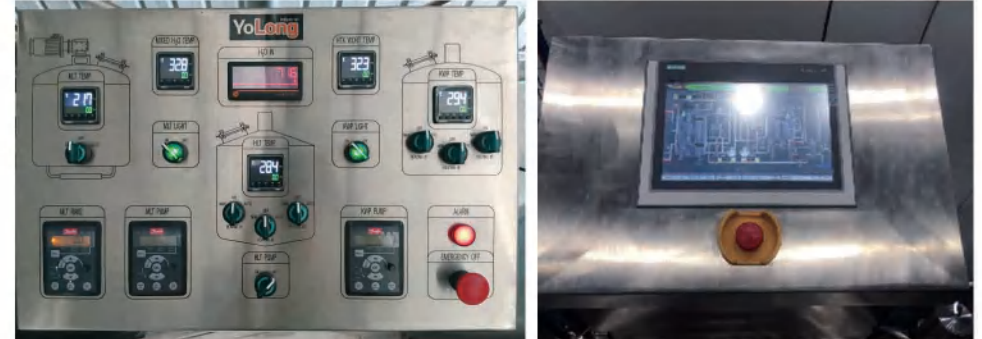
Control

YoLong has the professional electronic design and compiler teams. We can provide the different control systems base on Siemens, AB, Omron and have much design fabrication experiences about the certification of CE, UL and CSA etc.



YoLong electronic and engineering team can custom-design the control with semi or full automatic control as clients requirements and reach what you want.

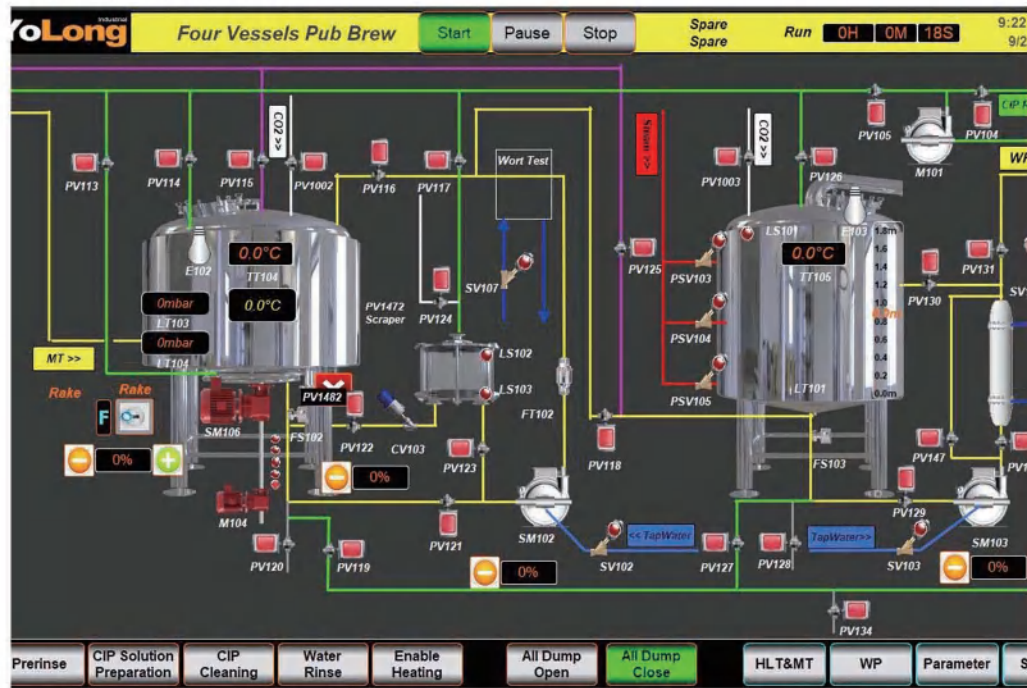
A YoLong control system is the key to guaranteed consistent beer quality. Of course, the brewmaster's expertise and overseeing plays an important role in brewery functionality, but a YoLong control system can monitor and standardize according to the necessary configuration requirements.



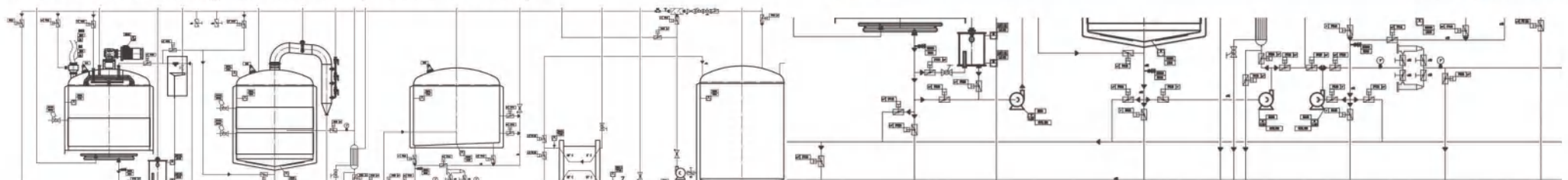
With respect to a microbrewery (1bbl to 20bbl brewhouse), the automatic works on brewhouse and Clean In Place (CIP) which are the hardest work need brewers to do. Working condition monitor on your iphone, which is widely applied into pressure, temperature monitoring on cellar tanks (glycol tank, fermentors, brite beer tanks) on everywhere has internet.



With respect to middle brewery (30bbl to 100bbl brewhouse) and large brewery (above 100bbl brewhouse), we have a good rich working experience with Rockwell & Siemens team.

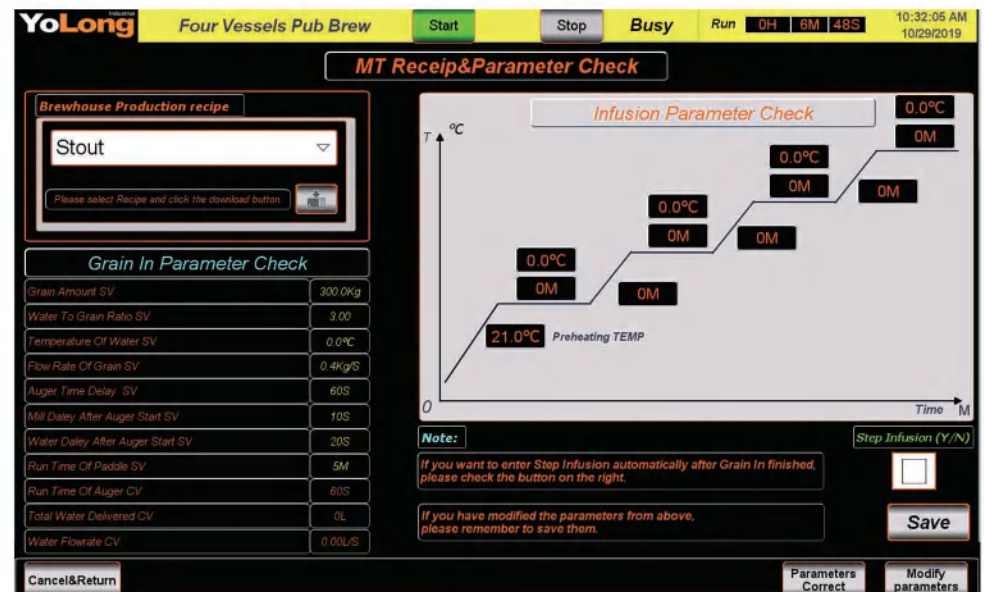


We use process control system of Proliet or Braumat from SIEMENS and CompactLogix & ControlLogix® PAC from A-B that provides you with everything you need for the automation, monitoring, and control of your entire brewery.



Advantage:

- Reduce Labor Work
- Improve quality of beer
- Automatic brewhouse temperature, material flow, receipts control and temperature control of your cellar tanks (fermentation tank, brite beer tank, etc)
- Energy Recovery
- Configuring Your System for an Ethernet Link
- Communicate with other process equipment to reach automatic.

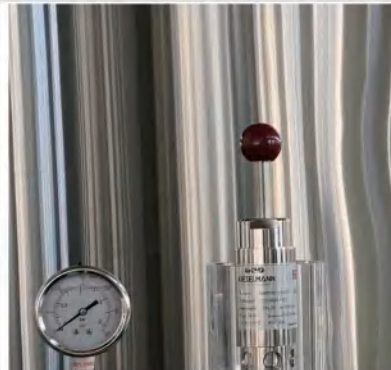


Cellar Tank



Specification

- Capacity available from 1/2 hl to 500hl
- SS 304 construction
- Top dished head with pressure vacuum relief valve
- Top manway or side shadowless manhole
- Dry Hopping port with cap(for fermenter)
- Sanitary rotary spray ball
- PU foam insulated
- Cooling jacket on cylinder and cone bottom
- Optional jacket for hot water heating in cold area
- Side CIP arm assembly with spunding valve
- Sanitary thermowell
- Sample valves
- Racking arm(for fermenter)
- Cabnation stone for CO2(for BBT)
- 60 degree to 90 degree Cone bottom or dished bottom
- Bottom discharge
- Four legs adjustable feet, optional for anti-seismic
- Internal shell: 2B, External Shell #4
- Pressure certificates of PED for 2014/68/EU, AS1210 etc



Yeast Tech



Yeast Brink

Yolong Brewtech Yeast Brink is a stainless steel keg that has been modified to harvest yeast from fermenter to be stored, and pitched again into a new batch of beer.

Specifications

- 304 Stainless Steel
- 15PSI Working Pressure
- 4" Top Neck Opening
- CIP Spray Ball
- CO2 Inlet Arm with Pressure Valve, Sanitary Pressure Gauge, Ball Valve, 0.5"NPT
- 1.5" Yeast Inlet/Outlet
- Manual Mixer (Optional)
- Wheels on Legs



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YoLong Yeast Prop System

YoLong propagation system aims for high efficient yeast culture, easy operation and high safety, the yeast prop system consist of tanks for yeast propagation and integrated of wort, air and CIP pipe, a semi-automatic control system, which is designed for micro brewery, brew pub and commercial brewery.

Specifications

- One or two tank propagator
- SS 304 construction with different capacity
- Rotary spray balls connect with CIP pipe
- Insulated with PU-foam
- Dual dimple jackets for cooling and heating
- Inner mirror polishing
- Four adjustable legs
- Touch screens with temperature automatic control,
- CIP, steam sterilization, air aeration and discharge process controls.

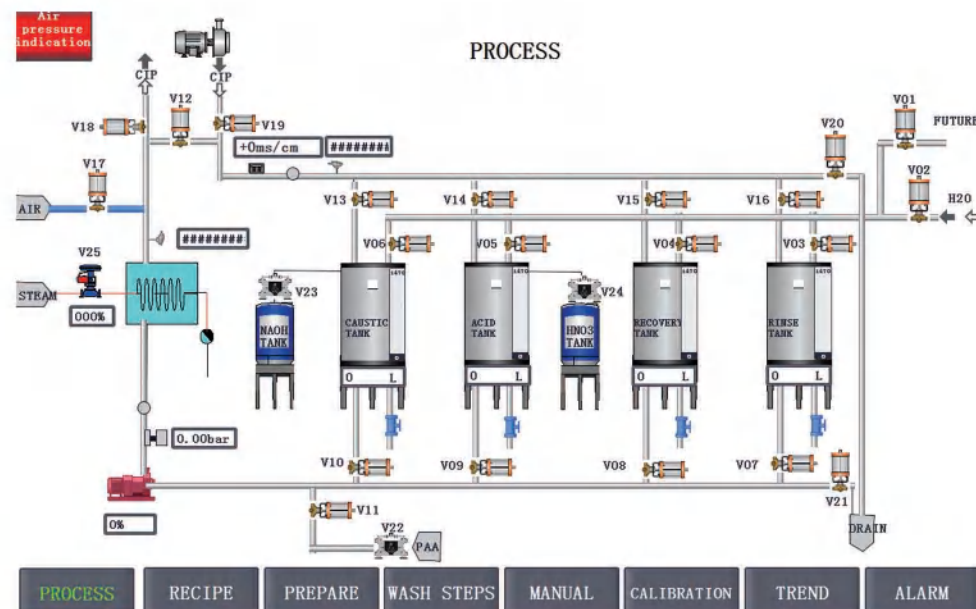


CIP Station

CIP(clean in place) station is a important part in the brewing system, which is mainly used to clean wort and other trubs in the brewing tanks.CIP system including different vessels to use chemical clean brewery tanks, including acid tank, caustic tank, hot water tank, recovery tanks, ect.

Full Automatic CIP Staion

For breweries and beverage industries, YoLong can design the CIP as one vessel, double vessels, three vessels and four vessels as the customers' requirements.



Portable CIP

There are double insulation tanks with capacity from 50L to 200L. Each tank has electrical element to heat liquid. Double temperature controllers can set temperature as they needed. One sanitation centrifugal pump is installed on the skid.



Malt Handling Equipment

YoLong supplies malt handling system for the breweries, including grain miller, pipe chain conveyor, grist case, etc.



Pipe Chain Conveyor

SS construction pipe chain conveyor, mainly used for convey the grain in to hydrator of mash tun, VFD reducer controlled the feed speed. size and shape customized.



Grain Miller

The grain mill is used for mill the grain in the grain handling systems, The miller includes Frame, Crushing chamber, Rollers, Adjusting system, Flow control mechanism, Hopper Raw grain is put into hopper after removing impurities and moisten which can save energy, durable and convenient maintenance, etc.

Grist Case

The grist case is mainly used for holding the grain after milling but before mashing in, which connected pipe chainvey that convey the milled grain to the case.

- Top Removable Lid
- One Spray Ball
- Cone Bottom connected with Pipe Chainvey or Flexible Auger
- Option with Load Cells
- Single Wall Tank



Kombucha Equipment



Fermenter

Kombucha fermenter is where the tea brew is left to ferment for its primary fermentation. This lasts anywhere from 1 to 3 weeks as the SCOBY does its work creating the delicious kombucha flavor profile. The tanks with cooling jackets options, thermowell, sample valves, levels, manual butterfly valves etc.



At YoLong, we design, fabricate, and install kombucha brewing vessels and the cutting-edge kombucha fermenting equipment you need to startup or add to your kombucha brewing enterprise.

Kombucha brewing skid

- Sugar-mixing station has a special hopper used to hold and connect the water supply to the mixing station; this enables the sugar to be pre-dissolved at the sugar mixing station.
- Water supplier stations can be set as manual or automatic to measure the amount of water flowing into the station.



- Sugar dissolving system is where the sugar circulates from the sugar station; it is driven by a rotation device to help the dissolution process.
- A tea cage is hung in the middle of the kettle. The tea cage height can be adjusted by the brewer. We can customize the tea cage levels to suit the client's requirements.

Conditioning Tank

The final vessel used to brew kombucha is called a conditioning tank in the kombucha brewing business. This is where the second fermentation and carbonation takes place. Flavorings, such as fruit flavors or spice flavors, are also mixed in during the secondary fermentation stage.

YOLONG CASES ALL OVER THE WORLD

(2019-2022)





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