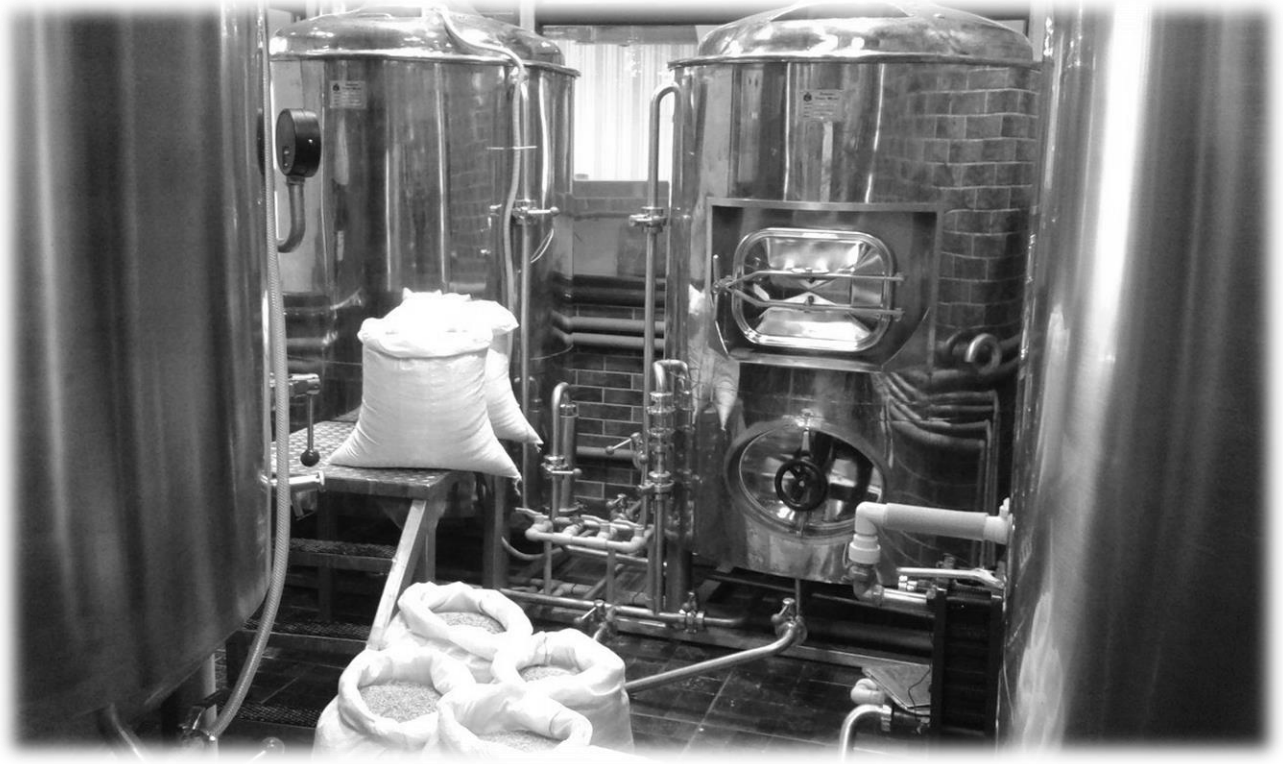


COMMERCIAL OFFER

«SCHULZ-300»



**GET STARTED YOUR BREWING BUSINESS
TODAY!**



Specification - Schulz-300

№	Name	Qnt	Technical characteristics
1. Brewing section			
1.1	Mash tun/ Kettle Surface: stainless steel Max Original Gravity 19 Plato	1	Material: stainless steel AISI 304 Steel thickness: - Inner cylinder – 2 mm; - Covering – 1 mm; - Legs – 2 mm; - thermal insulation (urethane plastic foam)–60 mm; - V net=300l; - V total= 430l; - Size: H=2500mm , Ø=900 mm, - Operating temperature: +100°C ÷ +20°C, Configuration : - Rotary cleaning ball 360° - Extract straight pipe; - Manhole; - Steam jacket: - bottom, walls; - Motor reducer 0.55 kW, 380V; - Mixer, temperature sensor - “butterfly” valves
1.2	Lauter tun/ Whirlpool Surface: stainless steel Max Original Gravity 19 Plato	1	Material: stainless steel AISI 304 Steel thickness: - Inner cylinder – 3 mm; - Covering – 1 mm; - Legs – 3 mm; - thermal insulation (urethane plastic foam)–60 mm; - V net=300l; - V total= 430 l; - Size: H=2500mm , Ø=900 mm, - Operating temperature: +100°C ÷ +20°C, Configuration : - Rotary cleaning ball 360°, 1” - Air outlet valve; - Manholes (2); - Motor reducer 0.75 kW, 380V; - Mixer - “butterfly” valves - waterjet cutted later tun screens
1.3	Malt mill	1	P = 350 kg /hour, P=2*0,75kW, 380V Two adjustable rollers
1.4	Hot water tank	1	Vtotal=500l, Heting elements P= 4,5 kW*2 Thermal insulation – 60mm



1.5	Piping system + Hops separator	1	Material: stainless steel AISI 304
1.6	Pumps	4	1. Pump for wort pumping Ebara DWO 150 1,1 kW, 3800V 2. Pump for coolant Calpeda MXH 403 0,75kW, 380V (2 pcs) 4. Pump for hot water tank Calpeda MXH 203 0,75kW, 380V
1.7	Control panel	1	Semiautomated, speed control of lauter tun's ripper, frequency converter. 380V
1.8	Service platform	1	Material: steel AISI 304 Platform, stairs, handrails
1.9	Steam generator	1	P= 40 kg-steam/hour, P=28 kW, 380 V
2. Cooling section			
2.1	Cooling station	1	Productivity P= 5,6 kW, 380V Flow switch – 1 pcs. Plastic coolant tank
2.2	Plate heat exchanger	1	Temperature range: +95 ° C ÷ +15 ° C Operating environment: wort, water
3. Section for fermentation and maturation			
3.1	Conical Tank: spiral cooling system, thermo-insulation	8	Material: Steel AISI 304 Dimensions: H=2270MM , Ø=960 MM, V total=720l, V net=600l; P operational = 0.7-1.5 atm <ul style="list-style-type: none"> - Rotary cleaning ball - Upper manhole - CIP DN 32 - Cooling jacket (cone + cylinder) - Bunging device - Temperature sensor - Butterfly valves - Sampling valve - Flexible level indicator
3.2	Control panel	1	Semiautomated control, automated temperature control in fermentation tanks, temperature controller with PID controller Autonics – 8 pcs, solenoid-operated valve ODE – 9 pcs.



4. Additional technological equipment			
4.1	CIP	1	P=0,75kW, 380V, Operating environment: alkaline cleaner
4.2	Set of hoses, pipes and Valves, supervision installation	1	1. Hose for pumping wort into CCT – 1pcs (25 m) 2. Regulating valves of brewhouse – 1 set 3. Sealing DN25 (32) – 10 pcs. 4. Cutoff wheel -1 pc. 5. Thread-fill tape - 1 pc. 6. Sateen -2 pc. 7. Cutoff wheel 120,100,80 8. Cutoff wheel 40-1 pc. 9. Inverted bucket steam trap -1 pc. 10. Coolant pump stand - 2 pc. 11. Hot water pump stand and cover – 1 pc. 12. Hose built-up part d25(32)-8 pc, d8-1 pc. 13. Keg filling system - 1 pc. 14. Gofraflex ½” BB-1 pc
4.3	Brewer’s set	1	Refractometer – 1 pc. Alcohol thermometer – 1 pc. Dropper (iodine) – 1 pc. Wrench, scraper – 1 pc. Sampling bucket – 1 pc. Fitting for pumping wort DN25(32) – 1 pc. Areometer 0-10% - 1 pc. Areometer 10-20% - 1 pc.
Total price - €89 125,00			

The price includes:

- individual calculation of a recoupment (ROI)
- cost of equipment production
- audit of facilities and the development of technical documentation
- supervision installation, commissioning
- four pilot brews
- training of personnel
- warranty service

Terms of delivery: EXW Krakow, Poland

Delivery time: 90 days **Installation time:** 15-19 days

Launch period, four brews and training of personnel: 6-7 days



Optional equipment

	Item	Parameters	Price, €
1	Mash tun/Kettle and Lauter tun copper covering	Cylinder only Red copper sheet	3 920,00
2	Steam condenser for Mash tun/Kettle	Material: s.steel AISI 304 Water injectors	1 770,00
3	Cylindrical Conical Tanks	V total=710l V net=600l	3 400,00
4	Touch screen panel for brewery control	15" touch screen - automated step mashing - automated boiling - automated fermentation temperature control	12 000,00
6	"Hop bomb" for dry hopping	Material: Steel AISI 304 V net = 50l Max load – 25 kg Pump, control panel	5 760,00
7	Keg washer	Manual control unit Productivity – up to 10 kegs per hour	7 280,00

INSTALLATION

1. Turn key installation (10 – 17% of the brewery price)

Installation is carried out by our company. All expenses are covered by the supplier. The final cost of installation may be calculated after receiving of detailed building plan and photo report (or after visit of our specialist to brewery installation site).

2. Supervision installation (included in the price).

Engineer from the supplier supervises installation process. Electrician and plumber from the client required. Installation materials, living and traveling expenses are covered by the client.

Price policy:

- 1st payment – 60% prepayment;
- 2nd payment – 30% - 45 days after the first payment
- 3rd payment – 10% before shipment to customer

**Payment system and manufacturing period are subjects for negotiations*

«SCHULZ» Company:

- ✓ Reliable manufacturer of high quality brewing equipment;
- ✓ Certificated materials of European manufacturers;



- ✓ Full manual assembly, compulsory testing of equipment before shipment
- ✓ Reasonable prices;
- ✓ Individual approach to clients;
- ✓ Experience over 10 years, 120 successfully completed projects around the

World: Ukraine, Russia, CIS countries, European Union, North America.

Each brewery made by SCHULZ it's a project designed according to your individual requirements and technical indicators. Buying a brewery you will get reliable equipment and additional services which allow you to launch a successful project even without brewing experience.

The process of cooperation:

- Detailed calculation of a recoupment of your project;
- Training of your personnel by our brewers;
- Warranty and post-warranty service;
- Recommendations about quality raw materials.

Geography of projects

«SCHULZ» Company has implemented more than 120 successful projects in: Canada, Ukraine, Poland, Latvia, Malta, Russia, Belarus, Kazakhstan, Uzbekistan, Georgia and Armenia.



Steps to cooperation

We have created simple and effective structure of cooperation which allows rapid implementation of each of these steps and launch a successful project.





01 Preparation of project's implementation

02 Production of the brewery

03 Delivery

04 Installation, Commissioning, initial operation, brewing, Training of personnel

05 Warranty

Sincerely,
«S-Brewery»
schulzbrewingequipment.com

