

COMMERCIAL OFFER

«SCHULZ-100»



**GET STARTED YOUR BREWING BUSINESS
TODAY!**



Specification - Schulz-100

№	Name	Qty	Technical characteristics
1. Brewing section			
1.1	Mash tun/ Kettle Surface: stainless steel	1	Material: stainless steel AISI 304, Vtotal = 139 l, Vnet = 100 l Configuration : - Rotary cleaning ball 360°, 1" - Manhole; - Steam jacket: - bottom, walls; - Mixer: Motor reducer 0.17 kW, 380V; - "butterfly" valves - s/s pipe covers
1.2	Lauter tun Surface: stainless steel	1	Material: stainless steel AISI 304 Vtotal = 139 l, Vnet = 100l Motor reducer 0.17 kW, 380V Configuration: - Rotary cleaning ball 360°, 1" - Manholes - Ripper-mixer - "butterfly" valves - s/s pipe covers
1.3	Malt mill	1	P = 350 kg /hour, P=2*0,75kW, 380V Malt bunker Two adjustable rollers Two rollers drive
1.4	Boiler	1	Vtotal = 100l, P=2 kW, 220V
1.5	Piping system + Hops separator	1	Material: stainless steel AISI 304
1.6	Pumps	3	1. Wort pump P=0,55kW, 380V 2. Coolant pump P= 0,75kW, 380V, 2 pcs
1.7	Control panel	1	Semiautomatic control - Automatic mash and boiling temperature controller - Adjustable mixer speed drive
1.8	Service platform	1	Material: stainless steel
1.9	Steam generator	1	P= 15 kg-steam/hour, P=4,5 kW, 380 V



2. Cooling section			
2.1	Cooling station	1	Productivity P= 4,2 kW, 380V Flow switch – 1 pcs Plastic coolant tank - 50l
2.2	Plate heat exchanger	1	Temperature range: +95 ° C ÷ +15 ° C Operating environment: wort, water
3. Fermentation and maturation section			
3.1	Cylindrical Conical Tanks	8	Material: Steel AISI 304 Cover surface – 1 mm; Inner cone – 3 mm; Inner cylinder – 2 mm; Thermal insulation (urethane foam) – 80 mm; V total=440l, V net=400l; H=1905mm, d=876mm, P operational = 0.7-1.5atm Configuration <ul style="list-style-type: none"> - Rotary cleaning ball - Upper manhole - CIP DN 32 - Beer discharge nozzle - Cooling jacket (cone + cylinder) - Bunging device - Temperature sensor with sensor pocket - Butterfly valves - Sampling valve - S/s pipe covers - Flexible level indicator in stainless steel frame.
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. CIP hoses – 2 pcs 3. Unions for wort pumping DN32 – 1pc. 4. Sealing DN25(32) – 10 pcs. 5. Cutoff wheel -1 pc. 6. Thread-fill tape - 1 pc. 7. Sateen -2 pc. 8. Cutoff wheel 120,100,80,40



			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	Refraktometer – 1 pc; Alcohol thermometer – 1 pc; Dropper (iodine) - 1 pc; Spanner Wrenches for Bearing Nuts – 1 pc; Aerometer (0-10%) – 1 pc. Aerometer (10-20%) – 1 pc.
4.4.	Supervision installation, commissioning start-up, four pilot brews, staff training		
Total price - €56 683,50			

The price includes:

- individual calculation of a recoument (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	3 000,00
2	Steam condenser for Mash tun/Kettle	Material: s.steel AISI 304 Water injectors	1 770,00
3	Cylindrical Conical Tanks	V total=120l V net=100l	2 700,00
4	Cylindrical Conical Tanks	V total=240l	2 800,00



		V net=200l	
5	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

