FOETH
USED AS NEW SINCE 1908

A. Foeth B.V.
Harselaarseweg 23
3771 MA Barneveld
The Netherlands

+31 342 415 551
info@foeth.com

CoC: 09045984 Apeldoorn
VAT: NL 001202054B01
IBAN: NL60ABNA0486053385
BIC: ABNANL2A

4 NEW/NEVER USED
IMMEDIATELY AVAILABLE FROM A CANCELLED PROJECT

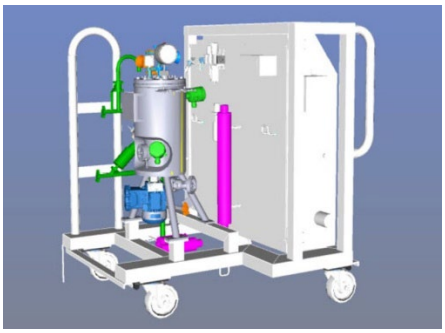
Complete Pilot Size Vaccine (mRNa) Development Manufacturing Lines

Manufacturer: Syntegon Pharmatec GmbH/Germany - 2021

- ✓ Pressure Equipment Directive (PED) 2014/68/EU
- ✓ European GMP (Good Manufacturing Practice) Directives
- ✓ Vessels passed their FAT testing and available for purchase & shipment
- ✓ All Vessels have individual control systems on each vessel
- ✓ ATEX Zone 2
- ✓ CE
- ✓ **including OEM warranty until April 2023**

THIS LINE INCLUDES:

- **3x SKIDS WITH 7 Ltr. VOLUME:**

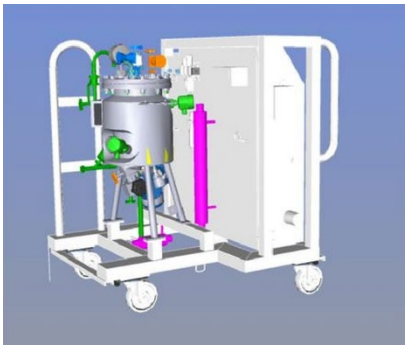


Reactor; Type:	Break / Side Fraction Tank
Year of construction:	2021
Material:	Stainless steel 1.4404 (316L)
Working pressure:	3 Bar, Vacuum possible
Working pressure jacket:	6 Bar, Vacuum possible jacket
Capacity:	6 Ltr. (7,5 Ltr.)
Vessel sizes:	Ø250x402 mm
Outlet:	3/4"
With jacket:	2,5 Ltr. (0,11 m^2)
Max. temperature:	– 10/95 °C
With propellor stirrer:	Magnetic ZETA; Type BMRT 50 W EX S Dk
Speed mixing shaft:	125–860 rpm.

Extra Specifications:
– The tank is equipped with a pressure gauge, temperature sensor, level switches, valves (manually or pneumatically operated), safety valve and a rupture disc
– The vessel is provided with a cooling jacket and temperature control
– System connections for product inlet and outlet, nitrogen or process air, waste air via inlet nozzle, CIP system, electrical connections/power supply, control system, cooling water
– Vessel inside electropolished Ra < 0,8µm
– The unit is designed acc. to GMP guidelines, easy to clean (no corners, edges, holes, dead spaces)
– The system is designed as standalone system with SIMATIC data exchange (S7-S7 coupling)
Mounted on legs "mobile skid", with switch, with switchgear, total height ±1,5 m, CE , ATEX

Are you looking for premium quality used process equipment? Foeth has a permanent inventory of 2800+ used machines for the Chemical, Pharmaceutical and Food industry. On all offers and agreements under which Foeth supplies goods or services of whatever nature, the general terms and conditions from Foeth exclusively apply. This letter and its attachments are subject to the disclaimer published on the Foeth website.

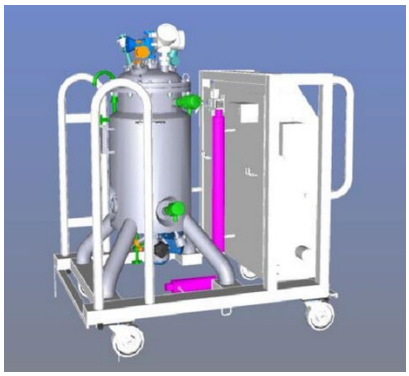
- **1x SKID WITH 20 Ltr. VOLUME:**



Reactor; Type:	Main Fraction Tank
Year of construction:	2021
Material:	Stainless steel 1.4404 (316L)
Working pressure:	3 Bar, vacuum possible
Working pressure jacket:	6 Bar, vacuum possible jacket
Capacity:	15 Ltr. (20,5 Ltr.)
Vessel sizes:	Ø250x315 mm
Outlet:	3/4"
With jacket:	4,5 Ltr. (0,19 m²)
Max. temperature:	–10/95 °C
With propellor stirrer:	Magnetic ZETA; Type BMRT 50 W EX S Dk
Speed mixing shaft:	125–860 rpm.

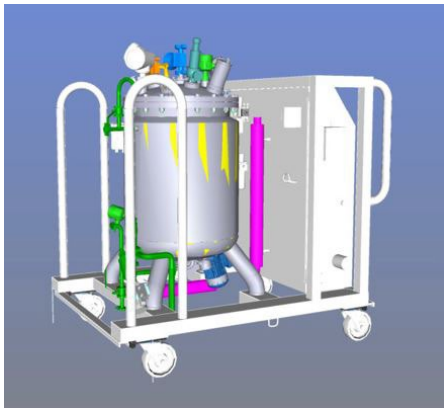
Extra Specifications:
– The tank is equipped with a pressure gauge, temperature sensor, level switches and valves (manually or pneumatically operated), safety valve and a rupture disc
– The vessel is provided with a cooling jacket and temperature control
– System connections for product inlet and outlet, Nitrogen or Process air, waste air via inlet nozzle, CIP system, electrical connections/power supply, control system, cooling water
– Vessel inside electropolished Ra < 0,8µm
– The unit is designed acc. to GMP guidelines, easy to clean (no corners, edges, holes, dead spaces)
– The system is realized as standalone system with SIMATIC data exchange (S7-S7 coupling)
Mounted on legs "mobile skid", with switch, with switchgear, total height ± 1,5 m, CE, ATEX

- **2x SKIDS WITH 80 Ltr. VOLUME:**



Reactor, Type:	Pool Tank
Year of construction:	2021
Material:	Stainless steel 1.4404 (316L)
Working pressure:	3 Bar, vacuum possible
Working pressure jacket:	6 Bar
Capacity:	65 Ltr. (80 Ltr.)
Vessel sizes:	Ø347,6 x726 mm
Outlet:	G1"
With jacket:	13 Ltr. (0,6 m²)
Max. temperature:	–10/95 °C
With propellor stirrer:	Magnetic ZETA, Type BMRT 50 W EX S Dk
Speed mixing shaft:	125–860 rpm.

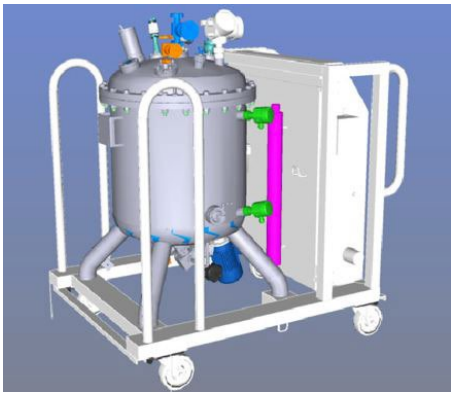
Extra Specifications:
– The tank is equipped with a pressure gauge, temperature sensor, level switches, valves (manually or pneumatically operated) including safety valves. Additionally a level measurement device.
– The tank is provided with a cooling jacket and temperature control
– System connections for product inlet and outlet, Nitrogen or Process air, waste air via inlet nozzle, CIP system, electrical connections/ power supply, control system, cooling water
– Vessel inside electropolished Ra < 0,8µm
– The unit is designed acc. to GMP guidelines, easy to clean (no corners, edges, holes, dead space)
– The system is realized as a standalone system with SIMATIC data exchange (S7-S7 coupling)
Mounted on legs "mobile skid", with switch, with switchgear, total height +/- 1,5m, CE, ATEX



- **1x SKID WITH 120 Ltr. VOLUME:**

Reactor, Type:	Solvent Tank
Year of construction:	2021
Material:	Stainless steel 1.4404 (316L)
Working pressure:	3 Bar, vacuum possible
Working pressure jacket:	6 Bar, vacuum possible jacket
Capacity:	120 Ltr. (150 Ltr.)
Vessel sizes:	Ø492x672mm
	(dished bottom, dished top side)
Outlet:	G1"
With jacket:	21 Ltr. (1,02 m²)
Max. temperature:	–10/95 °C.
With propellor stirrer:	Magnetic ZETA, Type BMRT 50 W EX S Dk
Speed mixing shaft:	125–860 rpm.

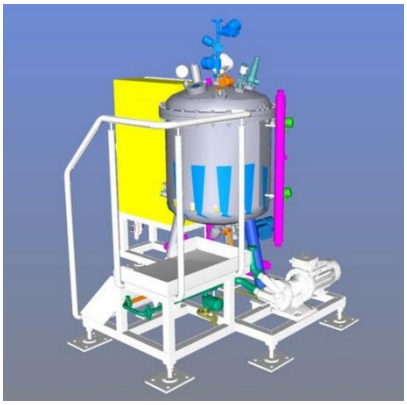
Extra Specifications:
– The tank is equipped with a pressure gauge, temperature sensor and level switches, valves (manually or pneumatically operated) including safety valves.
– Additionally, a pH sensor and a level measurement device and sight glass light are installed. The tank is provided with a cooling jacket and temperature control.
– System connections for product inlet and outlet, Nitrogen or Process air, waste air via inlet nozzle, CIP system, electrical connections/power supply, control system, cooling water
– Vessel inside electropolished Ra < 0,8µm
– The unit is designed acc. to GMP guidelines, easy to clean (no corners, edges, holes, dead spaces).
– The system is realized as standalone system with SIMATIC data exchange (S7-S7 coupling).
Mounted on legs "mobile skid", with switch, with switchgear, total height ±1,5 m, CE, ATEX



- **1x SKID WITH 190 Ltr. VOLUME:**

Type:	Solvent Tank
Year of construction:	2021
Material:	Stainless steel 1.4404 (316L)
Working pressure:	3 Bar (vacuum possible)
Material finish:	Polished inside
Vessel sizes:	Ø641 x591 mm
Capacity:	190 Ltr. (255 Ltr.)
	(dished top, dished bottom, with cover)
Outlet	G1"
Max. temperature:	–10/95 °C
With propellor stirrer:	Magnetic ZETA, Type BMRT 80 PI Ex S Dk Y
Speed mixing shaft:	125-930 rpm. (with variable speed drive)

Extra Specifications:
– The tank is equipped with pressure gauge, temperature sensor and level switches and valves (manually or pneumatically operated) including safety valves. Additionally, a pH sensor and a level measurement device and a sight glass light are installed.
– System connections for product inlet and outlet, Nitrogen or Process air, waste air via inlet nozzle, CIP system, electrical connections/power supply, control system, cooling water
– Vessel inside electropolished Ra < 0,8µm
– The unit is designed acc. to GMP guidelines, easy to clean (no corners, edges, holes, dead spaces).
– The system is realized as standalone system with SIMATIC data exchange (S7-S7 coupling).
Mounted on legs "mobile skid", with switch , with switchgear , total height ±1,5 m, CE, ATEX



- **1x SKID WITH 350 Ltr. VOLUME:**

Type:	Fluent Tank
Year of construction:	2021
Material:	Stainless steel 1.4404 (316L)
Working pressure:	3 Bar, (vacuum possible)
Material finish:	Polished inside
Vessel sizes:	Ø791x696 mm
Capacity:	350 Ltr. (460 Ltr.)
	(dished top, dished bottom, with cover)
Outlet:	G1"
Max. temperature:	–10/95 °C
With propellor stirrer:	Magnetic ZETA, Type BMRT 125 PI Ex S Dk Y
Speed mixing shaft:	75–540 rpm. (with variable speed drive)

Extra Specifications:
– The tank is equipped with pressure gauge, temperature sensor and level switches and valves (manually or pneumatically operated) including safety valves. Additionally, a pH sensor, a level measurement device and a sight glass light are installed. On loadcells.
– System connections for product inlet and outlet, Nitrogen or Process air, waste air via inlet nozzle, CIP system, electrical connections/power supply, control system, cooling water
– Vessel inside electropolished Ra < 0,8µm
– The unit is designed acc. to GMP guidelines, easy to clean (no corners, edges, holes, deadspaces).
– The system is realized as standalone system with SIMATIC data exchange (S7-S7 coupling).
Mounted on legs "platform", with switch, with switchgear, total height ±1,7 m, CE, ATEX