



Interested in staying updated?

Scan the QR code to sign up for our mailing list and receive the latest news and offers.



USED DAIRY EQUIPMENT

EMAIL:

SALES@USED DAIRY EQUIPMENT.COM

WEBSITE:

WWW.USED DAIRY EQUIPMENT.COM

Skid-mounted UHT Line, Direct Steam Injection, 16,000 L/h, 2023

GEA TDS 6600-160INJ

Process Features:

- Direct steam injection into the product with culinary steam filter
- Holding tube at 137–142 °C for 6 seconds
- Flash tank for rapid cooling
- Plate heat exchangers:
 - o PHE1: regeneration + steam heating
 - o PHE2: regeneration + chilled water cooling Down stream aseptic homogeniser, 2 stage.
- Final product temperature controllable

Skid Layouts The UHT line is constructed on multiple skids, for the processing and the homogenizer:

- SKID A: Balance tank for product, Fristam (booster) product pumps, Grundfos water pumps, process and steam valves, piping, ROI-box with Recorder
- SKID B: Steam injector, holding heater, flash tank, pumps, valves, and auxiliary systems:
 - o PHE1: Plate heat exchanger for regeneration + steam heating
 - o PHE2: Plate heat exchanger for regeneration + chilled water cooling
- Aseptic Homogenizer: make: Soavi model: Ariete 5200, 250 bar, 5 pistons, 2-stage, installed downstream
- Sterile Water Skid: Auxiliary system for homogenizer
- Control Panels & MCC: including PLC and frequency converters

UHT line including sterile accessories, excluding the sterile tank, including homogenizer.

QUOTE NR	26-01-02
MAKE/ TYPE	GEA TDS 6600/160 INJ
CAPACITY	16.000 liter per hour
HOMOGENIZER	160 bar injection pressure
YEAR OF MANUFACTURING	2023
OPERATING HOURS	< 400 hours
DOCUMENTATION	Complete documentation and P&IDs available
CONDITION OF MACHINE	Excellent
LOCATION AND DELIVERY TERMS	FCA, The Netherlands

The aseptic tank has 3 skids:

- SKID A: Aseptic valve manifolds (inlet, outlet and end clusters)
- SKID B: Sterile air system for aseptic tank
- SKID C: Jacketed water circulation
- Excluding: 60 m³ aseptic tank with sensors and agitator. (all controls for it included).

Control System & Condition:

- Siemens PLC, VFDs, SCADA controlled
- Central control panel and MCC included
- 2023
- < 400 operating hours
- Excellent condition
- Documentation and P&ID's available



