

# Ultrafiltration with 2 gravity separators

## Surface Technology

### APLICACION:

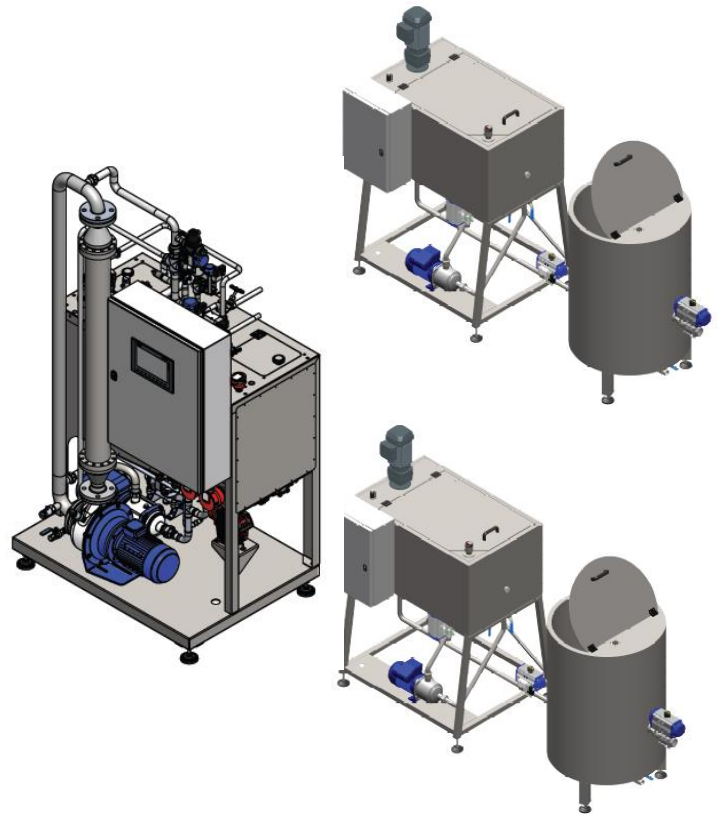
- Production of coating plants in galvanic and surface coating
- Degreasing and cleaning bath, removal of fine particles and emulsifying oil for production water cycle

### PROCEDURE:

- Prefilter 200 µm
- 2 gravity separators for separation emulsifying oils, automatic oil drain
- Ultrafiltration, ceramic membrane, membrane area 2,5 m<sup>2</sup>
- CIP-Station for chemical cleaning
- Fully automatic control

**REALISATION:** 2022

**LOCATON:** Germany



*Schema Ultrafiltration with 2 gravity separators for line with two pre-treatment baths*

Parameter/Technical Data	
Temperature	Max 90 °C
pH	< 12
Performance permeat UF	200 l/h
Performance permeat gravity s.	300-800 l/h
Working pressure	Max 6 bar
Installed power	11,0 kW



*Ultrafiltration*



*Gravity separator*

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