

## Production-acumulating facilities of hot sanitary water, with heat recycling from the original oil return circuit, and for the cleaning of the production equipments and street cleaning.

### Owner

CYL IBERSNACKS, S.L.

### Location

Calle Font de L'Almaguer, 9  
Benifaió (Valencia)

### Provided by :

Tysein, S.L.U.

### Location

C/ Duque de Mandas, 36 bajo izq.  
(Valencia)



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### Introduction

The corporation IBERSNACKS, S.L., has been placing all his knowledge and resources, and engineering, S.L.U, the project and the execution of the installations for production and accumulation of Hot Sanitary Water, as a daily necessity to clean the equipments of mass production and the industrial floors. All the necessary materials, such as pipes, pump equipments and terminals, were provided by the owner for cleaning. The pipes and the valves are prepared for the installation against the thermal agent.

### Scope of supply

- Supply and assembly of interaccumulators for production and accumulation of sanitary hot water.
- Electric installations, regulation and control system.
- Hidraulic piping for wáter and termal oil fluids.
- Installation of pump equipments and terminals for cleaning processes. .



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- 1- Secondary system for Sanitary hot water accumulation.
- 2- Secondary system of Sanitary hot water accumulation and the pumping system. .
- 3- Pumping system of Sanitary hot wáter

## Installation

The original piping installation of the thermal oil fluid between the Sanitary hot water system and the interaccumulators was reused for the production of the sanitary hot water for cleaning processes. The water supply are provided by Ibersnack. Tysein S.L. has already carried out different electric installations for automatic-controlled processes and regulation for security and stable temperature systems.

The pump equipment, the valves for the terminals and the cleaning equipment are all provided by the client, and deployed in the hidraulic installation. The installations has shown great satisfactory and accomplishment of the Project.



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## Interaccumulators

Interaccumulator tank, manufactured with stainless Steel AISI 316L, vertical with standar thread connection, male thread Ø 400/480 (inox flange AISI304) and extractable coil. Flexible RF isolation in ployurethane foam of 50mm, finished in skay. With electronic anode, capacity of 5000L, 8 bar pressure . Primary : oil fluid, temperature 220°C/90°C. Secondary: Water, temperature 50°C/90°C. Detachable coil, connected to the male thread. Tube bundle AISI304. The plate tube-rack and steel discharge head with carbon clamping system. Zinc screw, impaired with gaskets reinforced flexible graphite with inox insertion. Measurements 1600mm diameter with isolation / Ht-2850mm. Total water volume 11.000L, Max. water Tª 40°C/90°C. Max. Oil Tª 300°C



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- 4- Sanitary hot water pumping sytstem
- 5- Terminal supply for cleaning