



# EQUIPMENTS FOR THE SURFACE'S TREATMENTS

## Offices and technical services :

via Cesare Battisti 2 – 20090 Settala (mi)  
Fax +39.(0)2.95.77.03.01 Tel. +39.(0)2.95.77.00.24  
www.ceever.com E-mail: sales@ceeveer.com  
Cod.Fisc e Part.IVA 02206280154

## THERMAL TREATMENT PLANT

The problem of cleaning any items before and after thermal treatment (nitriding, cementation, quenching in oil etc.) has found a final solution in a plant tested and already supplied to leading companies of the industry. This plant consists of a single chamber where both **dipping** and **spraying** treatments are carried out, by means of **strong turbulence**, generated by spraying ramps that can spray just below the water level, so as to obtain a high washing capacity. The automatic plant is fitted with a special de-oiler. In order to rationalize and optimize the treatment cycles, some **optionals** are available on demand, such as:

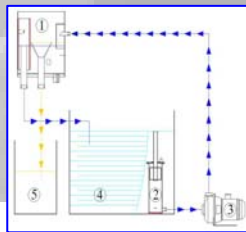


**Detergent dosing pumps:** low-capacity pumps, which inject the detergent inside the storage tanks to offset the product leaks and wear.

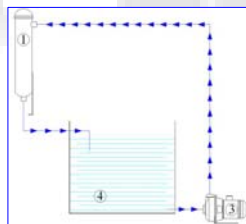
**Dredges and chip removers:** positioned on the bottom of the storage tanks, they collect the chips or sludge removed by the wash.

**Spraying masks:** when the components to be treated require an accurate cleanliness level, special ducts can be installed that make it possible to hit critical areas also at high pressures.

**De-oilers:** mainly positioned inside the degreasing tanks, they are used to separate the oils from the washing solutions, so as to prolong their life. The circuit is made up of a pump (3) tapping off from a tank of the plant (4) via a floating tap (2) that follows the level and conveys the liquid to the separation compartment (1). The water leaving this compartment returns to the tank (4), while the oil is conveyed to an external tank (5)



**Filtration:** filtering systems can be mounted to meet special requirements (1100 microns retention). As a general rule, bag filters (1) are adopted, supplied by an independent pump (3) that tap off the liquid from the treatment tank (4), pushes it towards the filter (1) and conveys it to the reservoir again (4).



**Drying and/or blowing:** a hot air circulation drying and/or blowing system can be installed as standard on all machines.

**Additional tanks:** for particularly complex cycles, several tanks can be installed in a single block or outside, according to the customer's requirements.

**Low-dissipation heaters:** in the presence of considerable deposits, in order to maintain the same heating devices, it is important to adopt heating elements with a large surface and a low dissipation degree.

**Internal window**

**Manual washing gun**



**Ceever srl**  
Via Cesare Battisti 2  
20090 Settala ( M i)

**Tel.** +39.02.95.77.00.24  
**Fax.** +39.02.95.77.03.01  
**e.mail:** sales@ceeveer.com  
**internet:** www.ceeveer.com