

## Automatic cleaning installation

Eagle Simrax is constantly investing in its automatic production processes. Recently we have invested in a state-of-the-art automatic cleaning installation.

Applying risk management, a second machine has also been installed. As the current capacity extends current need, we have availability on our washing machine which we offer to external parties.

### Technical details

The cleaning process used at Eagle Simrax is fully PLC controlled automatically cleaning process based on a water based high alkaline ultrasonic cleaning process.

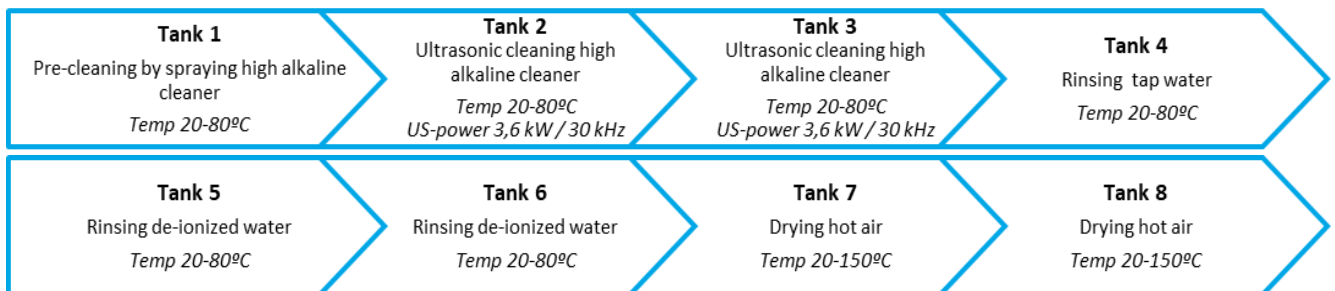
The multi frame principle enables simultaneous transfer of baskets into next process step for highest possible capacity. All treatment steps have the same treatment time and for that reason also two dryers are included for sufficient total drying time.

All treatment steps are equipped with lift carrying a rotation cradle. The cradles are motorized and rotate the baskets in the tank for efficient cleaning and above the tank for efficient draining before moving to next step. The baskets are processed automatically through washing, rinsing and drying stages according to preselected wash program.

To continuously guarantee a good quality of the cleaning solutions in the different treatment baths an automatic filtration and oil skimming system is integrated in every cleaning tank.



### Process Flow:



### Intended use:

<b>Cleaned components</b>	Cleaning of parts in bulk and single goods are both possible
<b>Part dimensions</b>	Parts should fit in basket with dimensions 390 x 290 x h290 mm
<b>Weight</b>	Maximum product load in basket is 50kg
<b>Material</b>	Mild steel and stainless steel <i>other materials can be discussed with engineers</i>
<b>Contamination type</b>	Removing oils with density of both < & > 1 g/cm <sup>3</sup>
<b>Cleanliness requirements</b>	Based on visual inspection and surface tension measurement

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