

9 Cleaning

9.1 Machine Technique

A mixing task consists of the following operational steps: filling of the mixing bowl, mixing operation, emptying of the mixing bowl and cleaning of the mixing bowl and the mixing tools.

Integrating a cleaning system eases the cleaning operation. The spraying system is located on the inside of the bowl cover (figure 86) with an external inlet valve through which the cleaning fluid, i. e. hot water, is pumped. The system is located in such a manner that



Figure 86: Spraying System located on the inside of the bowl cover

the internal jackets of the bowl are completely sprayed. This method provides a good initial cleaning thereby the time elements between the mixing cycles considerably.

A complete CIP-cleaning system can also be built up with the respective control technique.