

There are so many aspects to consider when designing a hotel laundry, including the ease of operating, functionality, and efficiency of the system. Questions arise such as: Is it successful in serving its purpose for the hotel? Does it fit with the hotel's requirements for being out of sight while quietly undertaking a massive logistical operation? Is it able to comfortably cope with the workload? Could it still function if some of the machines go offline for whatever reason? Is it designed in such a way, so as to easily allow for outsourcing? Is it designed with enough overcapacity so that it could become a potential revenue stream by providing a laundry service for other hotels in the region? Does it have the best possible arrangement for ease of management, especially when laundering guests' personal belongings, and have security factors been taken into consideration?

We need to refrain from following the status quo in laundry planning and put more emphasis into considering design features that could improve the working conditions for our staff. By making a concerted effort to apply the science of ergonomics in equipment and workplace design, we believe we are not only reducing operator fatigue and discomfort but also helping to maximise productivity.

We believe we have designed a system that will help to keep capital costs to a minimum by using non-complicated systems such as machinery that is readily available locally and simple to install, maintain, and operate.

We have developed fresh ways of minimising our environmental impact. These include water filtration and re-use within the soaking, washing, rinsing, and spinning cycles and fresh working methodology to help minimise the use of detergents. One of our drying methods uses heat recycled from the kitchen extractors and the fridge/freezer compressors via a heat exchanger. We will have a high level of energy efficiency resulting in much lower operational costs, having developed a number of new methodologies for laundry drying and air de-humidification along with energy recovery and water re-use systems.

To sum up, we believe we have designed a laundry that facilitates a very high level of synergy between the amount of investment required, productivity, operating costs, workplace conditions, and the fundamental issue of looking after our environment.