

# Ramirent Modular Factory green technology

Under the green technology banner we have been able to summarise Ramirent's environmental standards. We carry out our supplier selection, procurements, production, and quality management processes according to these standards.



## Green technology, from production to delivery:

- Preferred suppliers with certified environmental management systems (eg. ISO 14001)
- Preferred suppliers with quality management systems (eg. ISO 9001)
- Supplier requirement to fulfil Ramirent Corporate Social Responsibility requirements
- Annual supplier audits, to assure compliance

## Products:

- Products satisfy all local and national legal requirements including technical, environmental, and work safety, etc
- Certified according to European Technical Assessment (ETA) for selected products
- Energy efficient wooden modules which are compliant with Nordic standards: independent study conducted by Tallinn University of Technology
- The air leakage rate is better than the minimum requirements for permanent individual buildings: independent study conducted by Tallinn University of Technology
- Low noise levels (high noise insulation index): independent study conducted by Töökeskkonna Uuringud OÜ
- Products have been designed in accordance with the EN 1990 Eurocode, EN 1991 Eurocode 1, EN 1993 Eurocode 3 and EN 1995 Eurocode 5

## Production facilities:

- Estonian production plant using solar energy from four 50kW solar parks
- Modern production facilities built to our requirements
- Working conditions which take into consideration our corporate social responsibilities
- Health and safety management in our production plants
- Waste sorting and recycling at our facilities
- Certified according to ISO 14001, ISO 9001, and ISO 45001
- Digital production management system
- 5S Lean manufacturing method established in our facilities
- Heating from an Efficient District Heating label-certified provider, in accordance with the 2012/27/EU directive

## Transport

- KoneCranes forklift compliant which is EU Stage 5 emission standard compliant
- Using environmentally-friendly gas and electric forklifts
- Export partner certified according to ISO 9001, 14001, & 45001
- Fully all of the transportation fleet complies with Euro 5 and Euro 6 emission standards

## Materials:

### Wood:

- CE certified wood from reliable producers
- European production

### Steel:

- Free of Cr6
- European production

### Flooring:

- PVC flooring certified according to ISO 10581 and ISO 10874
- PHTHALATE free technology, fully recyclable

### Insulation

- Environmental Product Declaration (EPD) certified production
- Windows with low U-values
- Insulation with very low thermal conductivity levels

### Fixtures

- Produced in European factories, certified according to ISO
- 9001, ISO 14001, & ISO 45001