

ENVIRONMENTAL SUSTAINABILITY

INDEX 2026
Carreman Wenshang

BECAUSE WE CARE ABOUT

Founded by individuals who care about the future of our planet, Sustainability has quickly become a core belief for Carreman International. We promote the use of natural, recycled and eco-friendly raw material.



Electricity Saving Initiatives

- Adjustment of the air pressure's compressor from 0.73Mpa to 0.65Mpa;
- Cleaning of the air compressor's heat exchanger;
- Weekly check-up for air leakage for all piping connection points for compressed air;
- Preventive maintenance, lubrication and monthly cleaning;
- Upgrade with new aero machine (in process)

Electricity Efficiency
KW/h

-13%



5 million

Carreman Romania

Offering an opportunity to address the speed to market concept for our customers manufacturing garments within the region.

30 million

Carreman Wenshang

Open in 2017 in order to focus on Sustainability by reducing our environmental footprint.

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Carreman France

Sample room in the south west of France where our designer create the collection favouring the use of natural fiber and eco-friendly sourced raw material

gCO2/meter



Electricity CO2 emission

Steam CO2 emission

Gas CO2 emission

Steam Saving Initiatives

- Washing machine:
 - The setting point optimization Last section, can now be set lower temperature;
 - Adjustment of the washing machine steam's valve (0 to 100% valve instead of on/off);
 - Add of a cover to reduce flash steam;
- Dryer and shrinkage:
 - Keep the pressure at 0.9-1.4bar to avoid geakage;
- Insulation for washing machine and steam exchanger;
- New valves for all dryers and washing machines, totally 5 valves (in process)



Steam Efficiency
KW/h

-17%

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Electricity Saving Initiatives

- Replacing 1500 fluorescent lamps with LED lamps;
- Preventive maintenance Cleaning air compressor's heat exchanger, temperature lowered under 75 °C;
- Cleaning of the air compressor's heat exchanger;
- Weekly check-up for air leakage for all piping connection points for compressed air;
- Preventive maintenance, lubrication and monthly cleaning;

Electricity
Efficiency
KW/h

-13%

CARREMAN
International

5
million

Carreman Romania
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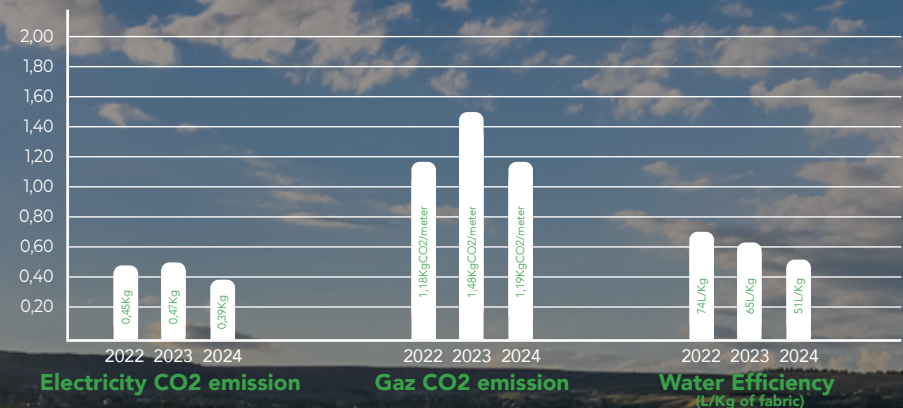
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Carreman France
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KgCO2/Kg of fabric



Electricity CO2 emission

Gaz CO2 emission

Water Efficiency
(L/Kg of fabric)

Steam & Water Saving Initiatives

- Mounting of a heat recovery unit equipped with 4 heat exchangers on the chimney of the steam boiler that takes the temperature of the burnt gases and transfer it to the water circuit to heat it (from 10 to 35 °C).
- Installation of a heat exchanger at Singeing machine that cools down the water from the burners and cylinders reducing the water consumption and recovering the heat.
- Installation of a heat exchanger at the Multiset + Kd to recirculate and cool down the water heated by the hydraulic system and the vacuum pump, reducing at zero the water consumption and recuperating the heat.
- Fabric washing process circuit was shortened eliminating a washing passage.
- Replacement of the energy vore machines by less energy consuming ones (e.g.:ZONCO, SERRACANT & INAUTEX);
- Reusing the cooling water of the cooling cylinder from SAMFOR machine, to wash and cool down the main rubber belt of the machine.



Water
Efficiency
L/kg

-31%