

GREEN LABEL

PRODUCT DESCRIPTION

Commercial name: Roving Frame
Machine: Flyer spinning machines



MACHINE/PLANT WORK CYCLE:

- Process brief description: Reduction from sliver to hank roving through drafting and light twist, with automatic doffing and 192 spindles, for yarns NE08 (suction included)
- Material processed: Cotton, synthetic fibers and blends
- Process efficiency: 99%

BOUNDARY CONDITIONS:

- Machine/Plant location country: European Union - 27
- Up-to-date data collection (Year): 2013

ENERGETIC/ENVIRONMENTAL PERFORMANCES:

- Installed power: 37.7 kW
- Electricity consumption: 0.0791 kWh/Kg material processed
- Compressed air consumption: 0.0076 Nm³/Kg material processed
- Acoustic emissions: 89 dB

CARBON FOOTPRINT



0.0347 kg of CO₂ Eq./material processed

The Carbon Footprint value refers only to the real use of the machine / plant (production and end-of-life phases of the machine / plant are not considered)



0.0351 kg of CO₂ Eq./material processed

Carbon footprint of previous version of the indicated machine (Year 2012)