

Cartiere del Garda Spa

1956	Garda Cartiere foundation
1971	Taken over by Bertelsmann Group
1998	Lecta Group foundation

Garda Cartiere Summary Key Statistics 2012

Capacity	■ 345.000 Ton/y
Sales	■ 272 Mio Euro
Headcount	■ 511

Paper machine 2 – Overview

PM2 (320 cm)	speed 850 m/min
Gric on-line	
On-line coating machine (Beloit)	
Off-line coating machine (PMT)	speed 1.400 m/min

Final grammage range:

GardaPat 13 from 90 to 250 g/m²

GardaMatt Art and GardaGloss Art from 170 to 400 g/m²

GardaCover Hi-Fi from 215 to 305 gm²

Paper machine 3 – Overview

PM3 (360 cm)	speed 1.150 m/min
On-line coating machine (Valmet)	
Off-line coating machine (Beloit)	speed 1.400 m/min

Final grammage range:

GardaMatt Art and GardaGloss Art from 90 to 150 g/m²

Garda Cartiere Range of Products



GardaNatt Art

coated paper with matt smooth surface

90-100-115-135-150-170-200-250-300-350-400



GardaNloss Art

coated paper with gloss surface

90-100-115-135-150-170-200-250-300-350-400



GardaNcover Hi-Fi

coated paper with gloss finish and high bulk

215-265-305 (190 upon request)

Garda Cartiere Range of Products

GardaPat 13 *KLASSICA*

bulky coated paper with matt surface and warm natural shade

90-100-115-135-150-200-250

GardaPat 13 *KIARA*

bulky coated paper with matt surface and white natural shade

90-100-115-135-150-200-250

GardaPat 13 *BIANKA*

Bulky coated paper with matt surface and white shade

115 -135-150





- Woodfree coated paper with smooth matt surface and high printing brilliance

- Acid-free

- Age resistant

- ECF

Applications:
Prestige/top quality publishing and advertising works



- Woodfree coated paper with gloss finish
- Acid-free
- Age resistant
- ECF

Applications:
Publishing and advertising works

 GardaCover Hi-Fi



- Woodfree coated paper with gloss finish and high bulk
- Acid-free
- Age resistant
- ECF
- Exceptional high bulk (15% higher than a traditional glossy paper)
- Superior high definition printing results (Hi-Fi)

Applications:
Top-quality magazine and commercial printing



GardaPat 13 *KLASSICA*



- Woodfree coated paper with matt surface and high bulk
- Acid-free
- Age resistant
- OBA-free

- ECF
- Warm natural shade

- Applications:
Sophisticated, elegant, creative,
publishing and advertising works



GardaPat 13 *KIARA*



- Woodfree coated paper with matt surface and high bulk
- Acid-free
- Age resistant
- OBA-free
- ECF
- White natural shade

Applications:

Sophisticated, elegant, creative,
publishing and advertising works



GardaPat 13 *BIANKA*



- Woodfree coated paper with matt surface and high bulk
- Acid-free
- Age resistant

- ECF
- White shade

Applications:
Sophisticated, elegant, creative,
publishing and advertising works

Our Location



Our Location: an Environmental very Sensitive Area

- The site borders a town called Riva del Garda (Trento Province), in a flat area sloping down towards the northern end of **Lake Garda**.
- In recent decades, urban development has heavily affected inland lake areas, and this has practically absorbed the production site; **residential areas** surround the paper mill.
- This area has seen a strong development of **recreational-touristy activities**, with the town of Riva del Garda attracting many tourists from Italy and abroad.

Our Mission – Sustainable Development

Being aware of its responsibility towards the surrounding communities and the territory where it is located, Cartiere del Garda pursues its **commitment to the environment** with great determination.

Sustainable development is the key word in the corporate strategy of Cartiere del Garda that has made the environment one of the strongest points of its corporate philosophy.

Sustainability = environmental responsibility is not necessarily incompatible with social and economic advancement.



Our Environmental Policy

In line with the aspects of environmental assessment in relation to its operations, Cartiere del Garda has implemented an **Environmental Management System**.

The Company has to follow a **systematic management of all environmental issues**.

Cartiere del Garda, in particular, undertakes to:

- act in compliance with the current environmental legislation;
- prevent pollution in the surrounding environment;
- progressively improve its environmental performance.

Investments for the Environment

- 1973 Start-up of the chemical-physical water treatment plant
- 1982 Development of innovative technologies for the acid-free paper production
- 1984 Replacement of fuel oil with methane gas
- 1998 High yield biological water treatment plant (Biofor)
- 2000 ISO 14001 Certification

Investments for the Environment

- 2002 Sound barriers along Western side (most impacting on the town)

- 2003 Solonox new gas turbine low NOx emissions

- 2004 Sound barriers system completion and mill facades restyling (last measurements show record low noise emissions)

- 2004 Process modification to reduce water consumption

- 2005 EMAS Registration
 New Sludge Drying System

Investments for the Environment

- 2006
 - FSC Certification
 - ISO 14001:2004 Certification Renewal
 - Decreasing electric power consumption
 - Decreasing asbestos coverage and insulation

- 2007
 - PEFC Certification

- 2008
 - ISO 14001:2004 Certification renewal with Tüv Süd
 - EMAS Registration renewal with Tüv Süd
 - PEFC Certification renewal

- 2009
 - FSC controlled wood Certification
 - PEFC Certification renewal
 - New cogeneration power plant Alto Garda Power

- 2010
 - UNI CEI EN 16001 Certification

- 2012
 - Passage from UNI CEI EN 16001 to ISO 50001
 - New FSC and PEFC certificated (multisite)
 - Alto Garda Power masking

Our Environmental Management System

Thanks to our commitment to the environment, Cartiere del Garda obtained 2 important environmental milestones:

- **ISO 14001 Certification**

- **EMAS Registration**, as the first paper mill in Italy and one of the first in Southern Europe.

These environmental achievements recognise voluntary actions and bear witness to our tireless, **constant consideration of the environment** and society as partners in our industrial culture.

Due to them, our Environmental Management System is periodically under control by a Verifier.



OHSAS 18001

SINCE 2009:

Obtainment of the OHSAS 18001 Certification
(Operational Health & Safety Management)



ISO 50001

SINCE 2010:

Obtainment of the ISO 50001 Certification
(Energy Management System)



Fibrous Raw Materials

A great deal of attention is paid to the selection of the raw materials, which must originate from **certified or well-managed forests and plantations** (in accordance to the specific requirements of FSC and PEFC standards).



It means that Cartiere del Garda **controls its sources to exclude the following categories:**

- a) wood harvested from forest areas where traditional or civil rights are violated;
- b) wood harvested from forest areas having high conservation values which are threatened;
- c) wood harvested from genetically modified (GM) trees;
- d) illegally harvested wood;
- e) natural forest that has been converted to plantations or non-forest use.

For more information, please refer to our web site

www.gardacartiere.it