



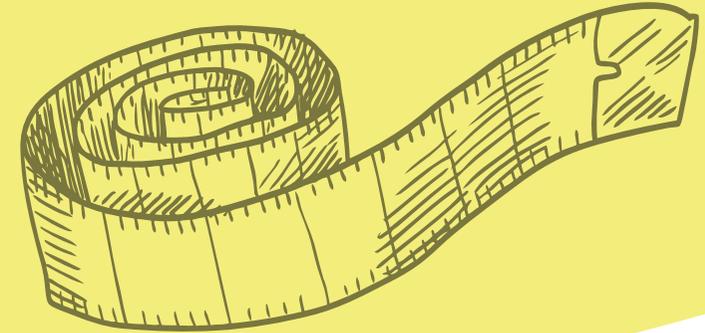
ECO CIRCULAR
GARMENT PRODUCTION

ABOUT OUR COMPANY

Barco Textile is one of the most advanced manufacturer for innovative sports wear. Our company started its activities in Istanbul in 1992, producing active sportswear. Since the day it was founded, it has always cared about technology and R&D activities. Barco has a closed area of over 10.000 square meters in Istanbul and also 15.000 square meters in Muş. It has become able to perform all processes used in production within its own structure.

“BARCO WITH NUMBERS

30 years experience
1100 people in total
7 million pcs capacity / year
950 pcs machinery capacity
30 ultrasonic seam machine
65 bonding machine
8 laser cutting machine
1 Galvo laser machine
6 digital sublimation machine
2 sublimation transfer machine



PRODUCTION UNITS

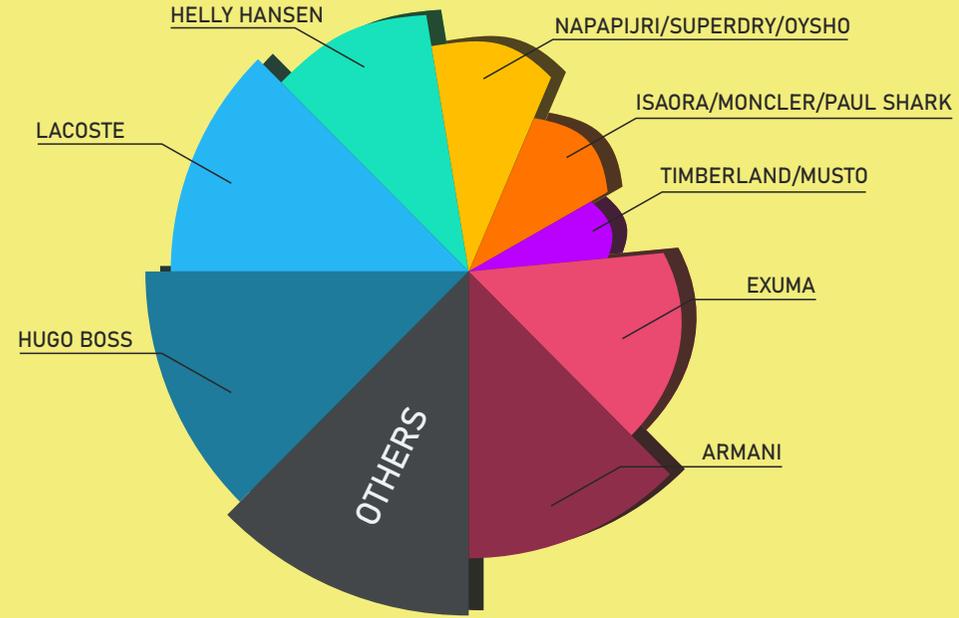
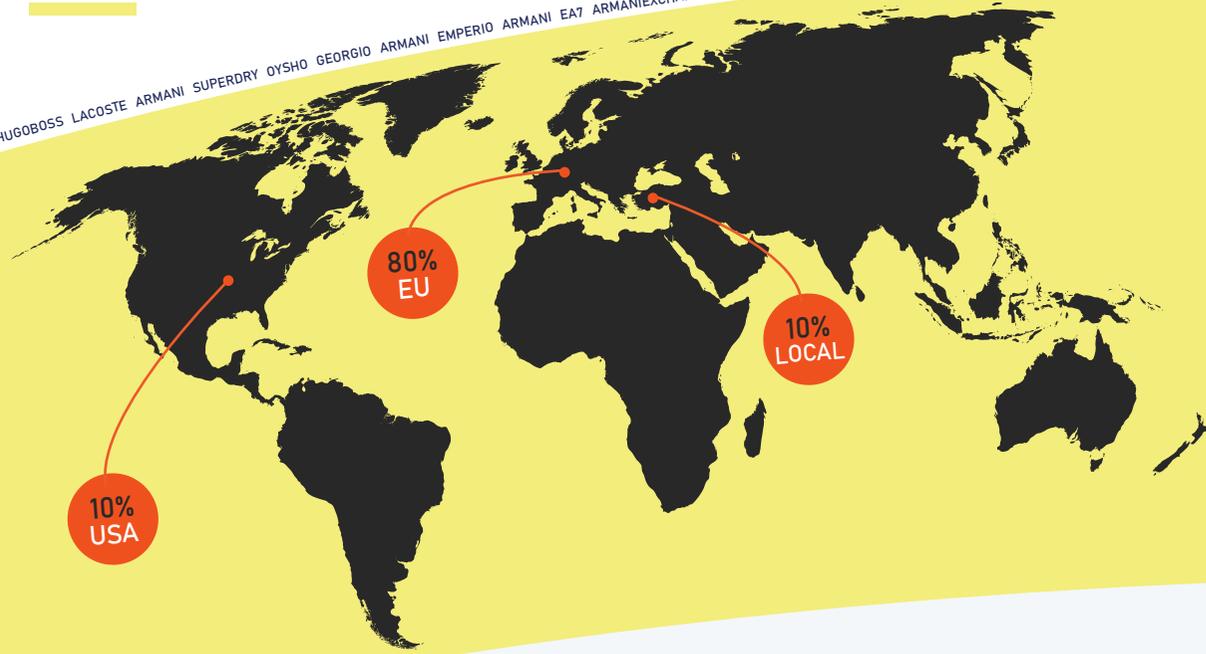
HEAD OFFICE ISTANBUL

PRODUCTION UNIT ISTANBUL

PRODUCTION UNIT MUS

WORLDWIDE REFERENCES

HUGOBOSS LACOSTE ARMANI SUPERDRY OYSHO GEORGIO ARMANI EMPERIO ARMANI EA7 ARMANIEXCHANGE ROSIGNOL ARENA GUESS MONCLER AETHER PAUL&SHARK HELLY HANSEN CRAFT ISAORA NAPAPIJRI NORTH FACE TIMBERLAND DECATHLON VARNER REDBULL NEXT RIVER ISLAND MCQ MUSTO SKETCHERS GAP TOPMAN



HUGO BOSS
HUGO BOSS HUGO BOSS

LACOSTE

A|X
ARMANI EXCHANGE

EMPORIO ARMANI

G
GIORGIO ARMANI

CRAFT

PAUL & SHARK
yachting

THE NORTH FACE

NAPAPIJRI

HH
HELLY HANSEN

ISAORA

MCQ

arena

GAP

SKECHERS

MONCLER

OYSHO

DECATHLON

next

極度乾燥(しなさい)
Superdry.

Timberland

GUESS

WHY DO YOU CHOOSE US



Our company, which has been manufacturing since 1992, continues its activities by targeting continuous development with all its know-how



PRODUCT SAFETY

Certificates that we have gained from internationally accredited institutions

GRS	Global Recycle Standard
GOTS	Global Organic Textile Standard
OCS	Organic Content Standard
OEKO-TEX	Sustainable Textile Production
ISO	Quality and Environmental Systems



SOCIAL COMPLIANCE

Success in different social compliance audits according to customer requirement

SEDEX
BSCI
CUSTOMER AUDITS



FABRIC CONTENT & WEIGHT RANGE

Very wide range and type of knit, warp knit and woven fabric processing

18gr/m ² to 550gr/m ² weight range
100% Cotton or with Elastane
100% Polyester or with Elastane
100% Nylon or with Elastane
Technical fabrics (mix of synthetic of cotton)



MINIMUM PRODUCTION CONDITION

Production in efficient capacity with effective planning

75 - 125 days from imported fabrics
45 - 90 days from local fabrics
1.000 pcs. per colors per styles order



PRODUCTION CAPACITY

Production in efficient capacity with effective planning

1.000.000 pcs/month	All kinds of t-shirt
250.000 pcs/month	Sport jackets
250.000 pcs/month	Pants and tights
400.000 pcs/month	Shorts



SALES PERCENTAGE

We sell our products in 80% Europe, 10% America and 10% Local markets

20%	Fashion sportswears
15%	Bonded and welded sports wear garments
20%	Swim shorts
10%	Sports jackets
10%	Trousers
10%	T-shirts
15%	Others



BEST TEAMWORK

We produce in two production facilities with a total of 1100 experienced employees;

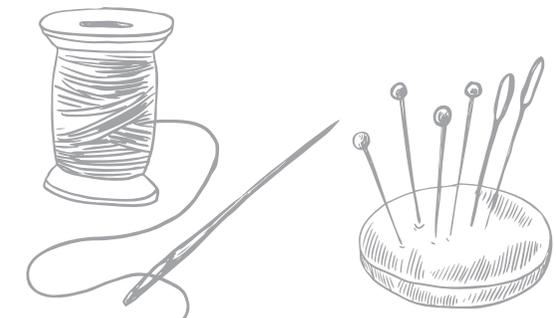
55 employee	on management part
38 employee	sampling room
58 employee	on cutting department
890 employee	on sewing department
55 employee	on quality control



QUALITY MANAGEMENT

Effective quality control practices at every stage of production;

Inhouse laboratory for fabric physical tests
Four point fabric inspection system
100% cutting quality control
Quality control on sewing lines
Final inspections according to the AQL table



OUR BEST PRODUCTS



SWIMWEAR

Digital Sublimation Print, Transfer Print, Tape Seam, Embroidery, Quickdry Fabrics, Laser Cut



CYCLING

Breathable, Windproof, Digital Sublimation Print, Transfer Print, Tape Seam, Laser Cut



OUTDOOR

Waterproof, Digital Sublimation Print, Transfer, Print, Tape Seam, Embroidery, Laser Cut



RUNNING

Ultra Light, Breathable, Windproof, Digital Sublimation Print, Transfer Print, Tape Seam, Laser Cut



SKI

Waterproof, Windproof, Warmer, Digital Sublimation Print, Transfer Print, Tape Seam, Embroidery, Laser Cut



FITNESS

Ultra Light, Breathable, Water Repellent, Digital Sublimation Print, Transfer Print, Tape Seam, Laser Cut



PRODUCTIONS & TECHNOLOGIES



SAMPLE ROOM

Pattern software by Assyst • 8 pattern makers & 12 sewing operators
Seperated full machine park • 600 square meters area



FABRIC WAREHOUSE

Four point fabric inspection system machines
Fabric relaxing machines



LABORATORY

Accredited colour fastness tests, ph value and other physical tests



ACCESSORIES & TRIMS WAREHOUSE

Locked accessories and trims shelves
100% accessories and trims inspections



CUTTING

Full automatic cutter machine by Bullmer
Full automatic laying machine by Ozbilim
Full automatic laser cutting by SEI Galvo



SEWING

950 pcs sewing machines • 30 pcs ultrasonic machines
65 pcs bonding machines • Automations sewing machines



PRINTING

1 pcs calender by Monti Antonio • 20 pcs heat transfer press
6 pcs digital sublimation • 5 pcs laser cutting for transfer films



IRONING & FINISHING

Vacuum/Blowing/Steam ironing machines
Large and clean packing tables



QUALITY & INSPECTION

413 C pantone inspection tables with D65 daylights
Calibrated measurement tools



EMPLOYEES

1100 qualified employees
Training programmes for employees

TERMS AND CONDITIONS

- Proto sample preparation cost is between 500 / 1000 Euro per style. This is just the cost of developing clothes. Additional costs such as mold making will be added to the fee.
- The Proto sample is prepared within 3 to 5 weeks if the fabrics and trims are ready.
- Salesmen samples (SMS) will be charged two times of FOB costs.
- Salesmen samples (SMS) production lead time is 6 to 8 weeks for garment production. The fabric and trims will be added.
- MOQ for bulk 3000 pcs. per style & 1000 pcs. per color lower quantities will be upcharged.
- Leadtime for bulk : 6 - 14 weeks depending fabric and trim leadtime.
- Payment terms for SMS and Bulk; 30% payment at the time of order and 70% before delivery.





ISTANBUL FACTORY

MUS FACTORY

THANK YOU

SUSTAINABLE POINTS



HEATING & COOLING SYSTEMS



SELF-CLEANING URINALS WITHOUT
USAGE OF WATER



WASTE WATER TREATMENT SYSTEM



SOLAR PANNEL SYSTEM



SUN TRACKER SYSTEM



SUSTAINABLE LIGHTING



WASTE MANAGEMENT SYSTEM



FIRE SAFETY

SUSTAINABLE POINTS

HEATING & COOLING SYSTEMS



C35 concrete is used for BARCO headquarter building the outside of the building is covered with 8cm thick and double sided concrete.

By this implementation the building has resistance against pressured explosions and earthquakes.

By using double sided concrete in the construction the boiler room is saver. So the building is perfectly isolated on sides as well as on roof.

Through this isolation system in winter the facility is kept warm and in summer it is kept cool.



SUSTAINABLE POINTS

WASTE WATER TREATMENT SYSTEM



Daily capacity is about 60 Cubic meters

Monthly capacity is about 1800 Cubic meters

The treated water is used for irrigation around the facility

Facility is surrounded by the irrigation system to water the meadows all around the building.

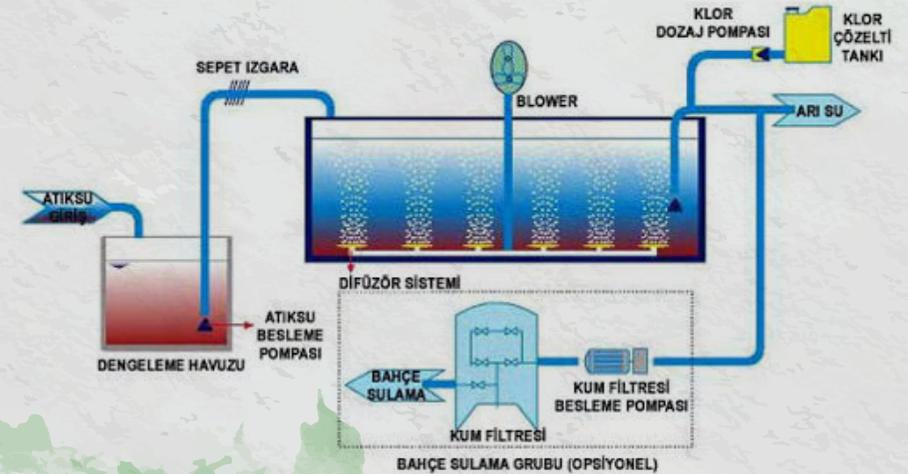
The irrigation system works automatically (manual usage is also possible)

Regular checks on wastewater treatment plant done by internal and external experts

Treated water analysis reports regularly received from the external experts

The duration of irrigation is 4-7 minutes, watering the meadows around the facility 2 times a day

During the irrigation time of 4-7 minutes 26 tons of water used, in total we save at about 52 tons of water everyday



SUSTAINABLE POINTS

SUN TRACKER SYSTEM



By this implementation BARCO has below mentioned savings;

Without sun trackers the daily electrical usage is estimated about 240-260 kwh

With sun trackers the daily electrical usage of is about 180 kwh

Daily profit is : 70 kWh

Monthly profit : 1820 kWh per months

Annual advantage : 21840 kWh per year

23 Sun Trackers; by this implementation about 30% energy is saved each year so big carbon emissions are prevented.

By using these alternative energy sources the release of carbon -footprint is reduced to 210 tons annually.



SUSTAINABLE POINTS

SUSTAINABLE LIGHTING



T5 economical and environmental friendly Bulbs:

In the past binary bulbs were used BUT nowadays we use T5 economical/environmental friendly bulbs at manufacturing units

In this way 20% reduction on energy consumption.

Less damaging for the environment

Less harmful for human body
(e.g. Eyes)



SUSTAINABLE POINTS

WASTE MANAGEMENT SYSTEM



Collected waste materials (paper) inside the factory are put into the intended pressing machine with a pressing capacity of 30 tons

Before having a pressing machine we recycled wastepaper, too.

But since there is a pressing machine the conditions of treating improved so much!

We realized the importance of recycling even more.

Conditions after the implementation of pressing machine changed in various aspects so e.g. Fuel for the transportation of waste materials is used fewer. Through the big capacity of 30 tons recycling huge amounts of paper in one step is possible.

Recycled Paper:
-about 5 tons per month

Recycled chemicals:
-about 20 kg per month

Recycled Plastic:
-about 800 kg per month

Recycled domestic waste:
-about 650 kg per month

Recycled Fabric:
-about 1000 kg per month

Recycled medicals:
-about 0,5 kg per month



SUSTAINABLE POINTS

SOLAR PANNEL SYSTEM



We are in a process of arranging solar pannels in Mus factory. In this year we will start producing our own electricity.

Currently , our hourly electricity consumption is 350 kw/h

So we will get produce 100 kw/h (30 %) of our electricity need through solar pannels

Investement Type	On Roof
Total Installed Power	100,28 kwp
Unit Investment Costs	1047,07 €/kwp
Total Investment Budget	105.00 €
Total Area	662 m2
Radiation	1615 kwh / Meter
Spescific Productivity	1370,28 kwh/kwp
Total Annual Production	137.412 kwh
Annual Gross Income	15.769 €
Gross Return on Investment	3,33 Years
Total Production in 25 Years	3091587 kwh
Unit Enegy Costs	0,0170 €/kwh



SUSTAINABLE POINTS

SELF-CLEANING URINALS WITHOUT USAGE OF WATER



The Mens' restrooms have self – cleaning waterless urinals

With this implementation 450 tons of water are saved

Annually about 10.993TL(1061€)
has been saved by this practise



SUSTAINABLE POINTS

FIRE SAFETY



With the projection of smoke extractors inside the operation the entire factory can be cleared up from the smoke in 5 minutes

There are 6 existing smoke extractors

2 water pumps with 75 kWh power

In our firm sprinkler system and proaction systems are existing against fire explosion

There are 4 hydrants available for the fire brigade as water resources



CORPORATE SOCIAL RESPONSIBILITY

BIKE TOUR FOR KIDS



Barco is Sponsor of the Buyukcekmece Cycling Team & the Çatalca Natural Sports Club



With VELO TURK BARCO supports 1000 kids giving t-shirts to them

The kids come there with 1000 cycles to take part at this activity

CORPORATE SOCIAL RESPONSIBILITY

SUPPORTS FOR IDEALISTIC PEOPLE



CORPORATE SOCIAL RESPONSIBILITY

SUPPORTS FOR NATIONAL SPORTS ACTIVITIES

