



AKARTEKS

COMPANY PROFILE

- Denim and non-denim garment manufacturer
- More than 700.000 pieces monthly capacity
- Around 1700 employees
- Latest production technology making the process more automated and less labour intensive
- Innovative design and R&D service
- In house production
- Quality assurance in production
- Competitive price range

Founded in 1985, Akarteks Tekstil has been one step ahead with its innovative and competitive concept in the world of production industry for more than 30 years.

With more than 1,700 employees in a 60,000 square meter indoor area in 4 different factories, Akarteks has become one of the leading denim&woven ready-to-wear manufacturers of it's region.

Akarteks in House operations includes;

- Design department, sample development, salesman sample line
- Production planning
- Pattern making
- Fabric sourcing plus stock fabric service
- Laser cutting, sewing manufacturing lines
- Laundry, laser engraving, ozone wash, piece dyeing
- Quality control department
- Logistic department

Considering the purposes of compliance within international standards and continuous developments, the company is a worldwide key player proceeding step by step to its global targets.

Customer satisfaction and sustainable production is our mission.

Akarteks invests in sustainable solutions over the years and brings you the most advanced laser and eco technologies for your product.

The company has become a reputable entity in the worldwide market by reaching a capacity of over 9 million units per year through its perfectionist identity featuring quality with its creative and innovative specialized staff, and an effective work tempo.

FACILITIES OF OUR FACTORIES



Factory 1 / Headquarter- Istanbul- Turkey



Factory 2 / Tokat- Turkey



Factory 3 / Tokat- Turkey



Factory 4 / Tokat- Turkey



Factory 5 / Tokat- Turkey



CUTTING



STITCHING



EMBROIDERY



LAUNDRY



GARMENT DYE

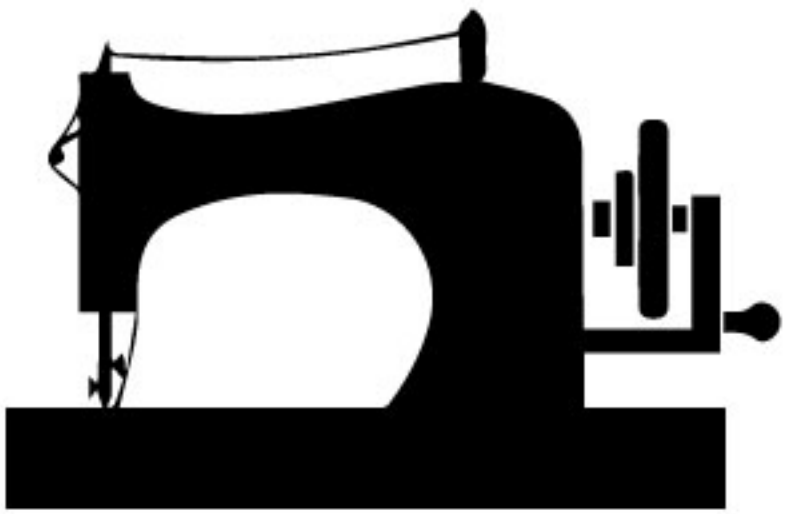


IRONING & PACKING

CAPACITY OF IN-HOUSE PRODUCTION



40.000 Pcs Daily Cutting



30.000 Pcs Daily Stitching



20.000 Pcs Daily Washing



10.000 Pcs Garment Dye



25.000 Pcs Packing

Total Capacity ; 30.000 Pcs daily in house and 20.000 subcontractors.








SUSTAINABILITY AND WATER CONSUMPTION

We are one of the leading manufacturer companies in Turkey, aiming to apply eco-friendly washes with the final technology machinery track since 2012. Eco-friendly type of wash is our priority where we made serious investments on.

We placed Jeanologia Laser systems to replace handmade dry processes and we increased more than 15.000 pcs daily regular jeans dry work capacity in our factories. We placed also final technology Ozone Systems in our washing section and we save up to %97, 5 of water usage during washing process. We use organic-recycled cotton during the raw material productions but, this does not limit us on producing authentic washed garments; because we also invested in newest technology machines such as "E-flow" to continue producing all kind of washes as we make by traditional systems.

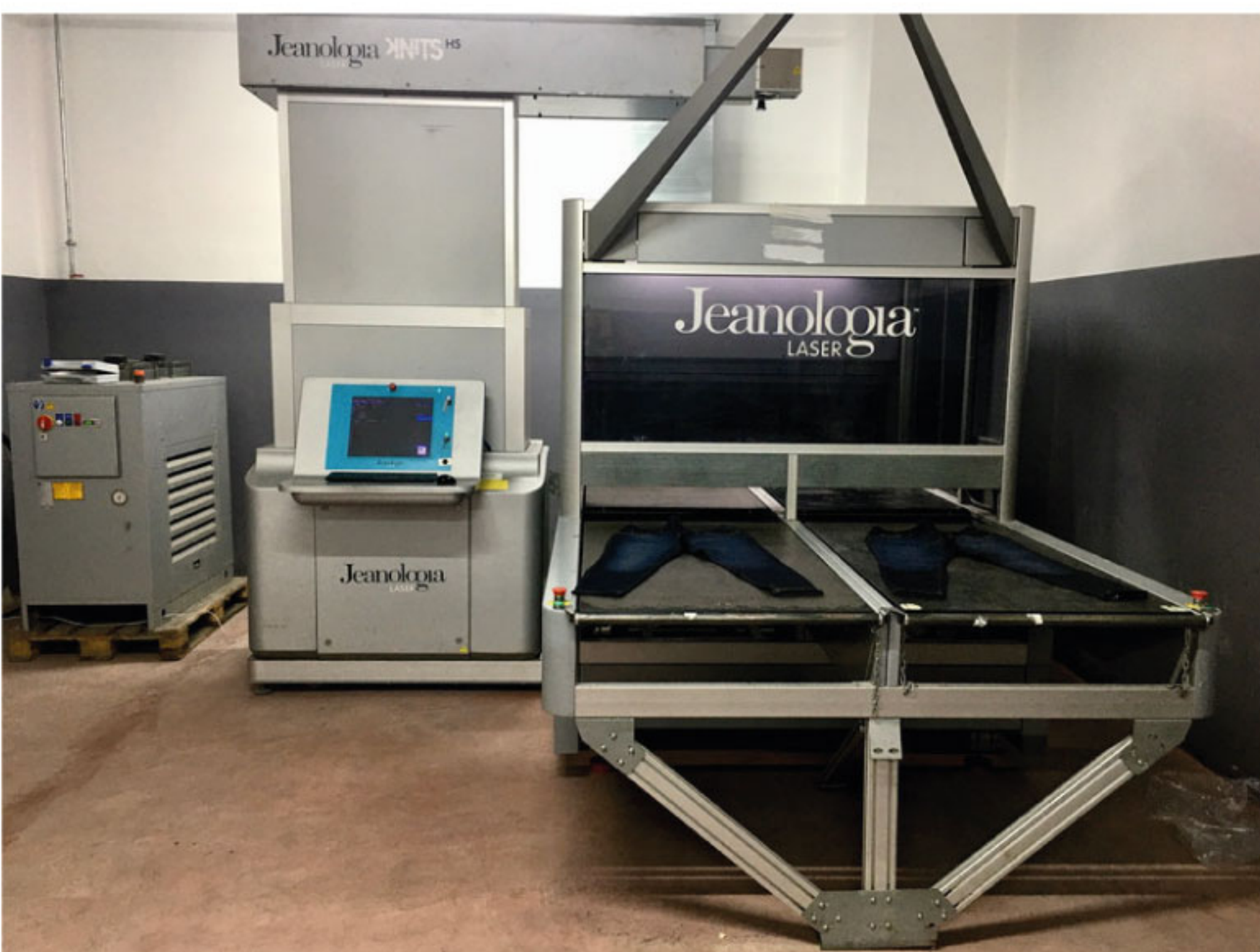
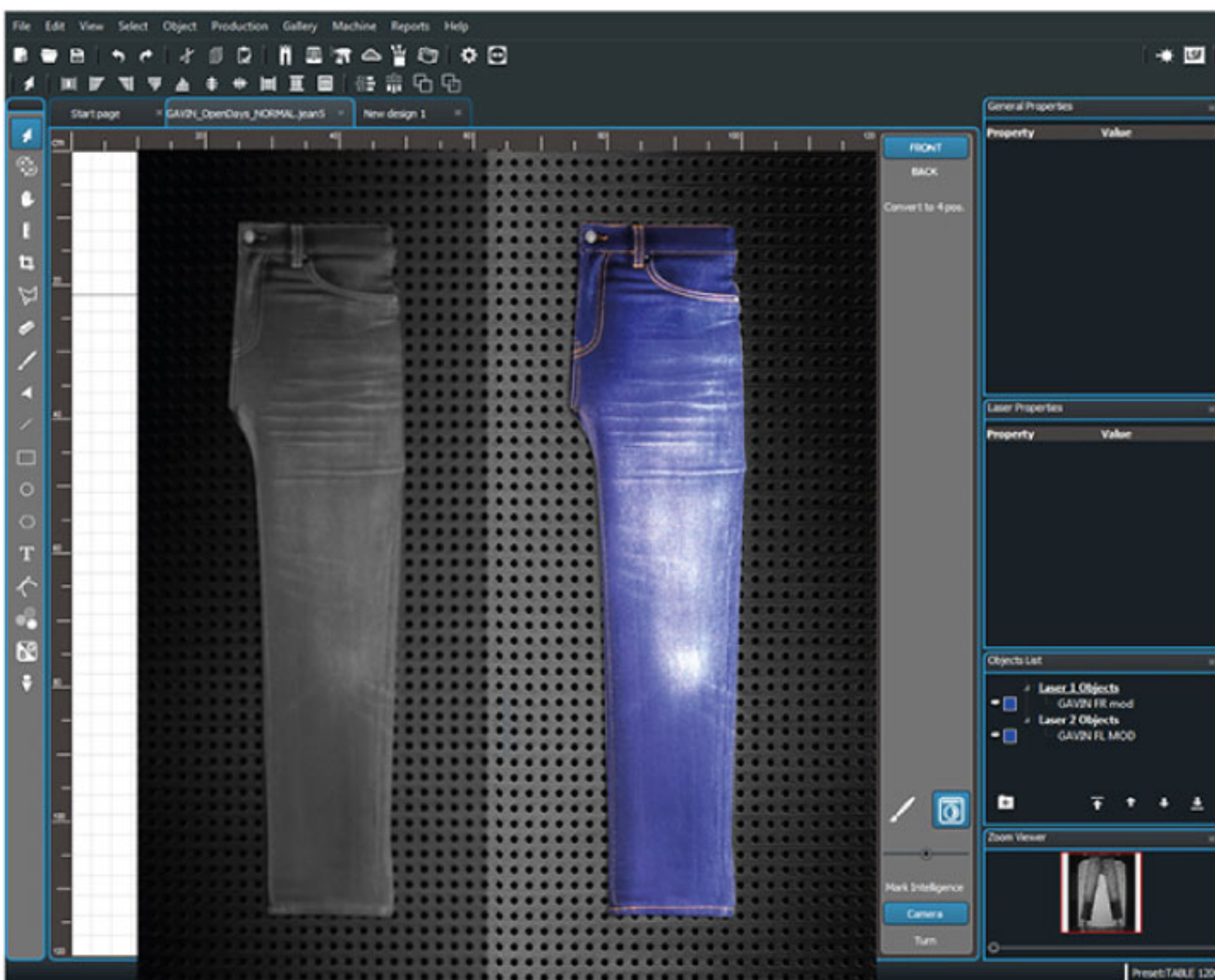
Beside these, Akarteks is regularly audited by Higg Index organization which aims to improve SUSTAINABILITY programs of producers all over the world. Higg Index aims to make regular improvements on all kind of energy sources in production plants. This organization certificates the factories during the improvements and we are certified with highest level of their standard. Finally; we have 10 years of %100 "ORGANIC PRODUCTION" experience. Our all factories are GOTS certificated.



	Water Consumption l/garment	0-35	35-80	+80		0-33 LOW IMPACT
	Energy Consumption kW.h/garment	0-2	2-4	+4		34-66 MEDIUM IMPACT
	Chemical Impact	0-25	26-50	+50		+66 HIGH IMPACT
	Workers' Health	0-10	11-30	+30		

LASER TECHNOLOGY

Laser technology acts as a thermal source that eliminates the indigo dye of denim fabrics by sublimation, which means evaporating indigo from solid to gaseous from through heat. Now, perfect replication of vintage looks can be achieved using laser technology. Laser has transformed the jeans industry eliminating the harmful processes for workers, reducing operational cost, and improving enviromental impact, while pioneering completely new for creativitiy.

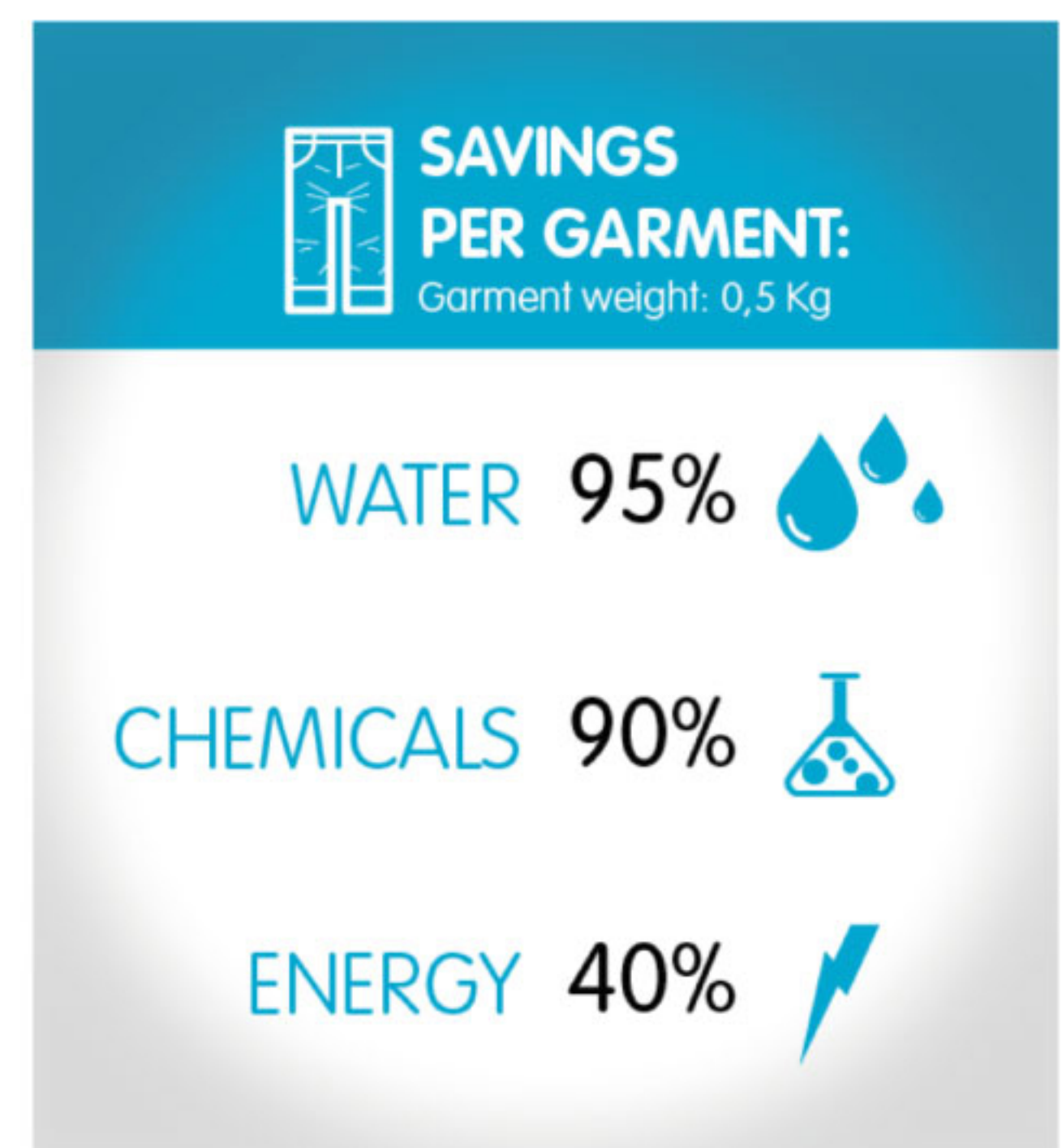


E-FLOW TECHNOLOGY

e-Flow Technology is based on nanobubbles of air that act as a carrier to transmit chemicals into a garment with minimal quantity of water and zero discharge.

e-Flow Technology uses micronization and nebulization to substitute traditional abrasion processes and delivering better performance chemistry (color, softeners, antimicrobials, etc.) by using nanobubbles of air instead of water.

e-Flow provides great versatility to finishing processes, reducing the cost of application, saving the amount of water used and ensuring that the correct amount of chemicals stays in the garment and not in the water.



What is the solar power system?

Solar energy is simply the light and heat that come from the sun. Solar thermal technology, where heat from the sun is used to make hot water or steam.

Solar energy systems include collectors to convert solar radiation to heat in fluid, energy storage units which are designed to accumulate energy when it is available and deliver it when needed, means to deliver the energy from the storage to a load, and necessary pumps.

How do solar systems work in Akarteks?

Solar energy is any type of energy generated by the sun. Solar energy can be harnessed directly or indirectly for human use.

Solar power is harnessed using Solar Photovoltaic (PV) technology that converts sunlight (Solar radiation) into electricity by using semiconductors. When the sun hits the semiconductor within the PV cell, electrons are freed and us bars collect the running electrons which result in electric current.

- Factory 2 : 698 kWp - 600 KWe / 1746 pcs - 400 wp Solar Panel
- Factory 4 : 64,8 kWp - 49 KWe / 162 pcs - 400 wp Solar Panel
- Factory 5 : 586 kWp - 480 KWe / 1465 pcs - 400 wp Solar Panel

Total Solar Panel pcs: 3373 - 55% Saving Energy per year







GALLERY









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