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BY WOUTER MUNNICHS NO COMMENTS BRANDS, INSPIRATION

## Baytech Sustainable Technologies Presents HMS: A New Era for Denim Fades

# HMS

### HMS Is A Patented Sustainable Textile Abrasive

The Turkish-based family company *Baytech Sustainable Technologies* manufactures and sells the unique patented sustainable textile stone washing abrasive *HMS (Hand Made Stone)*. With *HMS*, they can remove indigo from jeans in an innovative and sustainable way while achieving the vintage looks and fades people are always searching for. To achieve this, they're using their decades of experience in the industry to create a product that is mutually beneficial for both the denim industry and the environment.

# Lee 101

# BlueBlaze

THE COOPER COLLECTOR  
— BY LEE COOPER —

# RED WING SHOES®



Wouter Munnichs, founder of magazine Long John, and denim specialist for brands a

Titled by Rivet 50 as 'Denim Influencer 2020'. Celebrated anniversary with Long John

SEARCH AND HIT ENTER...

### 30 Years Of Denim Experience

The inventor of *HMS* and the *CTO* of the company, *Yavuz Baykan*, has been in the denim industry for the last 30 years, managing one of the biggest manufacturing plants in Turkey. He is skilled in every process from cutting to packing, but he has always had a special passion for washing. During his time in the factory, *Mr. Yavuz*, who also is a doctor in *Agricultural Engineering*, continuously worked in the lab to innovate and develop new solutions for our industry and the environment. *HMS* was one of these innovations for which he spent 5 years developing and 2 years getting the patent. He keeps his creative and curious side alive by continuously doing research and development at *Baytech*.



Vintage Levi 507XX (Type Jacket



The Story of 507XX Biker Jacket (Part 2



Vintage Lee M.U. Aggies from 1962



*The inventor of HMS and the CTO of the company, Yavuz Baykan.*

## The Uniqueness Of Hand Made Stone

The *HMS* product is a sustainable denim stonewash abrasive that is extremely durable, microplastic free, does not create sludge, helps keep the fabric strength at the highest point, gives the authentic stonewash look, while saving water, time, and energy. Not only is *HMS* sustainable, *Baytech* also holds various certificates to back its sustainability claims.

In addition, *HMS* does not pose any harm to the health of the workers. Since it is low-maintenance, the labor required to carry, load, store, and clean the stones is reduced substantially. This creates a hassle-free, more organized work environment. No new infrastructural investment is required either, it works with the same machines as pumice does.

*HMS* is the only composite/synthetic stone registered on the *EIM* system with its trademark, plus the only one in the green range. This makes *HMS* a great pumice alternative for the brands. Using *HMS*, they can achieve the closest effects to pumice compared to any other alternative in the world.



First Diesel J  
Catalog From  
Winter 1987



Vintage Levi  
Toddler Jeans  
1960's



The History of  
Levi's 507XX  
Jacket – Part



7 Key Styles  
Makes The L  
Iconic



10 Fun Facts  
To Know Ab



Vintage Lee  
Storm Rider  
Jacket From



Meet The Co  
Brit Eaton



### **HMS & the Other Sustainable Innovations Hand-in-Hand**

*HMS* does not only differ from other sustainable stones, but from other abrasions as well. *Baytech* has a holistic approach, and combines innovations, customizations, and technologies. With over 30 years in the industry, and years of research, *Baytech* pushes the limits of sustainability and abrasion. Not only is innovation an essential core of who *Baytech* is, *HMS* products remain customizable for the needs of the customers. The malleability of *HMS* is therefore sustainable-innovation friendly and elevates the efficiency of other innovations.



*Beyza Baykan, managing director HMS Washing.*

## **HMS Reduces Your Carbon Footprint**

- *Transportation:* As *HMS* is much more durable than pumice, your stone shipments decrease by approximately 98%, which means a 98% decrease in your carbon footprint related to the stone shipments.
- *Storage:* Factories will need substantially (around 98%) less storage space since you get so much more out of *HMS* compared to its conventional alternatives.
- *Water Usage:* *HMS* requires at least 20% less water per load, with the option to drystone (100% less water). It does not leave dust on the garments, eliminating the post-abrasion rinsing that requires hundreds of liters of water.
- *Energy:* *HMS* works with cold water. No energy is wasted on water heating.
- *Wastewater Systems:* Thanks to its durability and components, *HMS* does not create sludge like pumice and your wastewater systems will be more efficient than ever.
- *No Earth Contamination:* Currently, the excessive amount of sludge created by pumice goes to landfills, contaminating the earth. *HMS* does not create sludge like pumice, making stonewash an easily-maintained process.



More info about *HMS* here: [www.hmswashing.com](http://www.hmswashing.com)

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**WRITTEN BY WOUTER MUNNICHS**

I'm the founder of Long John. Next to running this daily magazine, I'm working as a freelance denim specialist for the industry. Titled as 'Denim Influencer 2020' by Rivet 50. Celebrated my 10th anniversary with Long John in 2021.

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Long John is an online magazine established in 2011. Your guide with daily updates about denim and high-quality made products and initiatives. Celebrated it's 10th anniversary in 2021. Titled by Rivet 50 as 'Denim Influencer 2020'.



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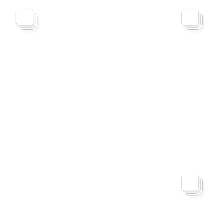
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