

Elevate Your Textile Innovations Without the Guesswork



Navigating the path to pioneering textile coating solutions just became a whole lot smoother with our hands-on trial-and-error approach.

At ZIMMER AUSTRIA, we understand the importance of precision and customization in bringing your visions to life. That's why we're inviting you to explore the full scope of possibilities before making any investment decisions.

What We Offer

Development Support

Dive into the creation of new textile coating solutions with the help of our state-of-the-art Technology Center and a team of application technology experts dedicated to your project.

With countless possibilities for coating, we cater to a diverse array of market segments, including automotive, performance clothing, building industry, food industry, pharmaceuticals, and more.

In the field of camouflage, we cover a large range of functionalities, such as:

- Infrared reflective camouflage
- Flame retardant
- Water repellent
- Silicone coating
- Dirt repellent
- Thermal insulation

Allow us to collaborate with you in materializing your innovative concepts, tailored to meet the distinct needs of your industry.

Roland Graschitz - Head of Technology Center Klagenfurt

Quote: *There's no such thing as can't be done... 'Won't work' doesn't exist for my team.*

Roland brings over 35 years of application engineering experience at ZIMMER AUSTRIA, specializing in coating machine installation and start-up at customer sites.

He excels in operator training and has conducted over 1000 test runs, assisting clients in product development. His wealth of expertise ensures effective problem-solving and customer satisfaction.



Comprehensive Testing

Our advanced test equipment and machinery are at your disposal to experiment with diverse chemistry and application methods, ensuring that you will find the most suitable way to bring your innovative ideas to life.

Settings at your convenience:

- Two complete coating lines, equipped for unwinding, coating, curing/drying, and rewinding.
- Conduct real production runs on both coating lines using your own substrates and chemistry.
- You can send your substrates along with different chemistries to explore and develop new products. We're here to conduct tests independently or collaborate with you every step of the way.
- Feel free to invite your chemistry supplier to join us on site for real-time modifications and adjustments to your recipes.
- Explore various application methods at your disposal to find the perfect fit for your product:
 - o Magnet roller technology
 - o Rotary screen with/without magnet system
 - o Screen to screen
 - o Knife on air
 - o Knife over roll (with high precision counter roller for paste application)
 - o Different foam application devices
 - o And more

Our machines mimic the design of original production machines, ensuring realistic testing conditions. We typically commence trials on the smaller coating line with a maximum working width of 620 mm. Upon request, we're ready to replicate trials on the second coating line with a maximum working width of 2,200 mm to bolster your confidence. With our in-house mechanical engineering and electrical assembly capabilities, we can tailor our tools to precisely match your specific requirements.

Fees

We offer a complimentary first test to kickstart your project. Subsequent tests may incur charges, or they can be offset upon placing an order.

Customized Engineering Solutions

Once you've pinpointed the perfect coating machine requirements for your new solution, we'll craft a fully customized coating line tailored specifically to your needs. Our customizations include a flexible combination of knife, screen, slot, or magnet roll coating, and wet-in-wet application techniques.

Why Choose Us?

- Speed up your time to market with our rapid prototyping and testing capabilities.
- Enjoy the freedom to test multiple application methods in a controlled, expert-led environment before committing to a final machine configuration.
- Benefit from a fully customized machinery solution engineered to meet your unique requirements, drastically reducing the risk associated with investment in new technologies.

Moving forward with your groundbreaking textile coating project has never been safer or easier. ZIMMER AUSTRIA helps you identify the perfect balance between innovation and investment. Let's turn your brilliant ideas into reality, with the assurance that you've explored every avenue to find the most efficient and effective solution.



Contact us

Dare to innovate with confidence! Your journey to the forefront of textile technology begins here!

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