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From quality control to total care
The future transformation of Uster Technologies





From smart control to zero waste SETEX sets the pace for 2025



SETEX OrgaTEX.



SETEX E390.

Every kilowatt that vanishes as steam and every extra minute in processing directly impacts a mill's margin and adds needless weight to its carbon footprint. SETEX turns those hidden costs into measurable gains with a product portfolio built and serviced in Germany but deployed in 102 countries.

Smart controllers as the digital front line

A modern mill begins on the shop floor. The new SETEX E390/C390 controller thinks ahead: Operators swipe through running processes on a touch display, planners log in from their phone, and predictive tools guide dosing and look ahead batches.

More importantly, every C390 ships with an enhanced OPC-UA client that talks natively to OrgaTEX and the 3rd party continuous machines: the planboard pushes production orders with all parameters straight into the machine, while returning stop reasons, alarm codes, and consumption values in real time.

One adaptive recipe, not a thousand static ones

Inside the OrgaTEX X3 MES, the SmartRecipe™ module replaces long recipe lists with one self-adjusting process per dye class.

The Formula Wizard captures expert know-how as dynamic rules; liquor volumes, temperature ramps, and hold times adjust automatically to article weight, dye class, or machine limits, saving steam, water, and operator input while keeping ΔE on target.

Dashboards and reports focus on where it hurts

OrgaTEX condenses millions of sensor, recipe, and event records into live views of Right-First-Time

rates, water-per-kilogram curves, and the most common downtime causes. A mill manager can open a single screen to see why Monday's Jet-line missed its target or which reason pushes steam demand beyond the contractual threshold: insights that satisfy ISO 50001 auditors and drive continuous improvement in one pass.

While classic BI describes the past, OrgaTEX Active Energy Management looks ahead, forecasting the next load spike and balancing boilers, pumps and dryers in real time. Its three-step loop works as follows: First, Energy Cockpit captures every watt, litre and bar as they flow. Second, Live Resource Analysis checks those readings against contract limits and projects the upcoming load curve. Finally, Plant Navigator trims the demand profile by setting non-critical equipment to ECO mode before a peak hit.

Because this logic is embedded directly in OrgaTEX MES, energy control evolves from a static KPI check into a self-adjusting feedback cycle that protects both margins and carbon budgets.

Digital Thread, End to End

As a founding member of the Textile Solutions Group, SETEX extends the same data backbone into ERP, CAD, inspection and routing, so a mill that starts with one smart controller can grow, step by step, into a fully connected value chain. TSG's shared focus on "driving innovation across the textile and apparel supply chain" means every added module strengthens the flow of data, efficiency and sustainability -from order to packed roll. Discover how this unified expertise can prepare your mill for the challenges ahead. ■ ■