TS-1800

The World's First Digital, Waterless, On-demand Thread and Yarn Dyeing System
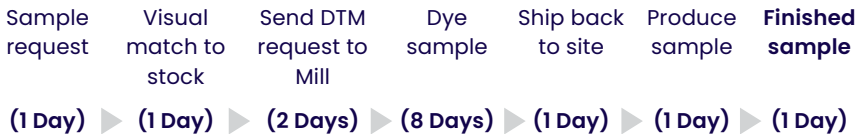
Meet Twine's TS-1800

Go from design to sample creation in hours

- Shorten delivery time
- Increase efficiency
- On-demand samples
- Dye Millions of colors
- Minimize costs
- Reduce waste

A revolutionary on-demand digital thread and yarn dyeing system

With the TS-1800, apparel and accessory manufacturers and brands can dye thread and yarn in-house.

A real use case:

Current:

Sample request	Visual match to stock	Send DTM request to Mill	Dye sample	Ship back to site	Produce sample	**Finished sample**
(1 Day)	(1 Day)	(2 Days)	(8 Days)	(1 Day)	(1 Day)	(1 Day)

15 Days

TS-1800:

Sample request	Color creation + In house production	**Finished sample**
(1 Day)	(2 Days)	(1 Day)

4 Days

twine

Waterless thread and yarn dyeing technology for a **wide range of applications**

Suitable for any step in the **textile design and manufacturing** process

Easy to use, no prior knowledge of dyeing is required

Dye the exact color and length you need for any application

- Apparel
- Socks
- Shoes
- Accessories
- Embroidery

Sustainability Impact

Twine's TS-1800 addresses the serious water pollution and environmental issues in the dyeing industry.

CO₂ neutral

Up to
4M
Liters Saved

A year, per a single TS-1800 system

Up to
92%
Reduction in CO₂ Emissions

The TS-1800 is Carbon Neutral

40%
Fewer Chemicals

Aligns with the UN sustainable development goals

20x
Reduction in Material Waste

Stops overproduction due to high MOQs

TS-1800 SPECIFICATIONS

Dyeing Speed
Dye up to 1,800 meters/1,969 yards of polyester thread/yarn per hour

Dimensions (H x W x D)
1.45m x 2m x 0.75m/ 4.76ft x 6.56ft x 2.46ft Weight 480 Kg/1058lb

Dye Technology
Digital Selective Treatment (DST™)

Ink
Twine Digital Ink (TDI™)

Machine Certification
CE, UL

Industry 4.0 & Textile 4.0
compliant

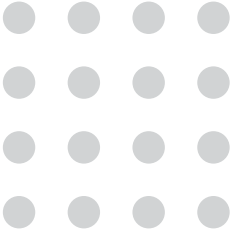**Thread/Yarn Family**
Spun, filament

Thread/Yarn Condition
New, recycled

Fiber Type
Polyester

BE Fast. Creative. Sustainable.

twine-s.com
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