

Preparation machine for tie dye effects

(batik dyeing effects) · TPD – SR – W · Patented machine



TDP-SR

(single rope execution)

and

TDP-DR

(double rope execution)

- We produce the TDP – SR and also the DR machines in W and WUW version – W stands for only winding machine and WUW stands for winding and unwinding on the same machine.
- With our machine fabric in rope form will be tight together by 1–4 yarn ends.
We can do S- or Z-windings but also S and Z at same time (cross and criss-cross windings).
- Number on windings per meter, tension of the yarn ends, distance between the windings and also the winding angle can be adjusted due to frequency converters for each single drive.
- We do single rope machines and also double rope machines for higher production.
- We have machines for the winding process, we have machines for the unwinding process and we also do combination machines that can do the winding and unwinding process.



Different windings – the dyeing effects are influenced by the tension used to wind the fabric, the distance between the windings and the number of yarn ends used to tie the rope

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The winding process on our machines is very effective and the speed is 8-10 m/min so on a double rope system up to 1200 m/h can be prepared. The process can be programmed, so that for woven or knitted articles, lighter or more heavy articles , the important parameters can be set accordingly . We get very regular and reproducible effects.

With our machine the dyer can use his standard dyeing machine, only dyeing process, dyes and auxiliaries have to be chosen.

■ Technical Specifications

Dimensions:	I x w x h	3500 x 1000 x 2400 mm
Weight:	approx. 600 KG	
Connections:	electricity -	220 / 380 V and 50Hz, 5 KW
	Pneumatic air -	6 bar , connection G ? "
Speed:	up to 10 m/min for type TDM -S and 20 m/min for TDM -D	

Machine is manufactured at Holthausen Maschinenbau exclusively for CLASSEN -TM, CE conform.

■ Samples of woven and knitted fabrics

