

Esgin Tekstil decided for sizing-range of PRO-SMH



Bursa located Esgin Tekstil, one of the uprising textile companies in Turkey, active in the fields of weaving and sizing, decided for a special custom-made sizing machine and for one warping-range of PRO-SMH Group.

Thanks to the movable headstock, the totally new developed WY high-speed sizing machine is usable for staple and rayon fibers enabling production speeds up to 200m/min.

The machine is equipped with a pre-wetting trough, which enables size savings up to 25%. Due to the fact that the core of the fiber is impregnated first with water from the pre-wetting trough, the size is just applied to the surface of the fiber, while the core of the fiber is already soaked up with water.

The size box has a double capacity with more than 150% cover factor, which allows to use just one special size box instead of two separate ones. In this way, it is possible to process a wide range of yarn qualities.

The machine is compatible with the latest labor safety, environment regulations and industry 4.0 high-tech. The Windows-based operation software is developed in-house by PRO-SMH with remote access, which enables to monitor the machine in detail. The HMI has a full lot and fault history. Thanks to its dynamic structure, it is possible to perform service, trouble shooting and software updates while the machine is running