



# Mesdan splicing stretch yarns – MOISTAIR®



**A common problem faced by the weavers in general, but in particular by the stretch fabric manufacturers, is the breakage of the yarns during the various production steps and the need of a reliable and consistent joining solution, either for the grey and the dyed yarns. Today Mesdan, the world leader in the yarn joining, offers a new splicing technology, combining air and water, which has given perfect results in this area.**

MOISTAIR® splicer is an innovative air splicer using a very small quantity of water (spray), endowed with a water valve with a dosage setting to moisture the splice.

MOISTAIR® is extremely versatile and efficient for a large variety of yarns. It is suitable for almost all kind of short and long spun yarns, with the only exclusion of plied cotton, high twisted wool yarns and linen. It gives the best performance with the elastic single and dual core yarns (such as LYCRA®+ T-400 + cotton), very fine compact yarns, coarse & slubbed yarns and various blends in particular, like with TENCEL®.

Splicing dual core yarns is a common challenge today, and MOISTAIR® is

recognized as the solution that guarantees the better covering of the lycra and polyester filaments, so to make them less visible in the final fabrics, even after the dyeing.

MOISTAIR® is available for the latest Savio winding machines, Polar, Pulsar and Eco Pulsar, for which a more advanced configuration can further improve the performances of the splicer, thanks to a multiple control of the air spray, particularly interesting for the coarse cotton counts and slubbed yarns. For the older machines, a special version is also available to be easily managed by the software and machine configuration of the regular air splicer. Yarn application is so wide, that many customers have already replaced thousands of their older splicing systems.

The Mesdan splicing range includes also the air (JOINTAIR®), air+water (AQUASPLICER®), hot air (HOT JOINTAIR®) technologies for giving customers the most suitable solution for each yarn joining requirement.

### Condensed

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MOISTAIR® splicer is an innovative air splicer using a very small quantity of water (spray), endowed with a water valve to moisture the splice. It is extremely versatile and efficient for a large variety of yarns but it gives the best performance with the elastic single and dual core yarns, very fine compact yarns, coarse & slubbed yarns and various blends, like TENCEL®. MOISTAIR® is also recognized as the best solution for dual core, where lycra and polyester filaments are better covered, and less visible in the final fabrics.

MOISTAIR® is available for the latest Savio winders, but also for the older models, for which a special version can be easily managed by the software and machine configuration of the regular air splicer. Yarn application is so wide, that many customers have already replaced thousands of their older splicing systems. ◆