



**BOZZETTO
GROUP**

A CENTURY OF
ADVANCED CHEMICALS

MCS

DYEING & FINISHING MACHINERY



CINDYE VAS

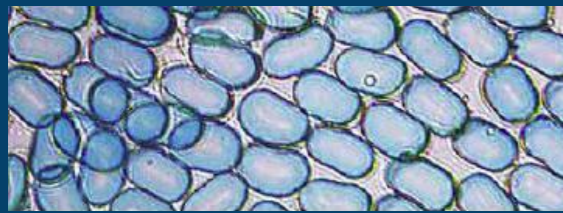
**INNOVATIVE SOLUTION FOR THE DYEING
OF ARAMID FIBRES WOVEN FABRICS
IN BEAM AND JIGGER MACHINERIES**



BOZZETTO GROUP R&D TEAM HAS DEVELOPED
A NON HARMFUL & HIGH YIELD CARRIER,
SUITABLE FOR ALL TYPES OF META-ARAMID FIBER:
CINDYE VAS

CINDYE VAS AT A GLANCE

- WITH LESS QUANTITY OF CHEMICAL CARRIER, IT ALLOWS TO OBTAIN SHADES COMPARABLE (OR EVEN BETTER IN CERTAIN CASES OF DARK SHADES) TO THOSE ACHIEVED WITH BENZYL ALCOHOL AND PPH;
- INCREASES DYESTUFF PERFORMANCE, IMPROVES CROCKING AND WASHING FASTNESSES;
- DOES NOT AFFECT BREAKING STRENGTH;
- DOES NOT GENERATE FOAM;
- ALLOWS TO DYE ALL CRYSTALLINITY LEVELS AND BLENDS, REGARDLESS OF THE SHADE OR FIBER SUPPLIER
- GIVES OPTIMIZED DYE PERFORMANCE: CONSISTENCY OF DYEING OUTPUT (RFT DYEING)
- ENABLES SAVINGS OF TIME, TEMPERATURE, ENERGY AND DYESTUFFS
- IT'S DESIGNED TO ACHIEVE THE HIGHEST LEVEL OF BIODEGRADABILITY IN THE MARKET (BOD28 > 95%)



CINDYE VAS PROVIDES BETTER CROCKING AND WASHING FASTNESS DUE TO UNIFORM DYE PENETRATION VS RING DYEING EFFECT

OPTIMIZED WITH CINDYE VAS PROCESS VS STANDARD PROCESS

| | COMBY JIGGER 143 HT | SILURO HT |
|--------------------|---------------------|-----------|
| TOTAL PROCESS TIME | - 10% | - 15% |
| STEAM CONSUMPTION | - 20% | - 25% |
| ENERGY CONSUMPTION | - 10% | - 15% |

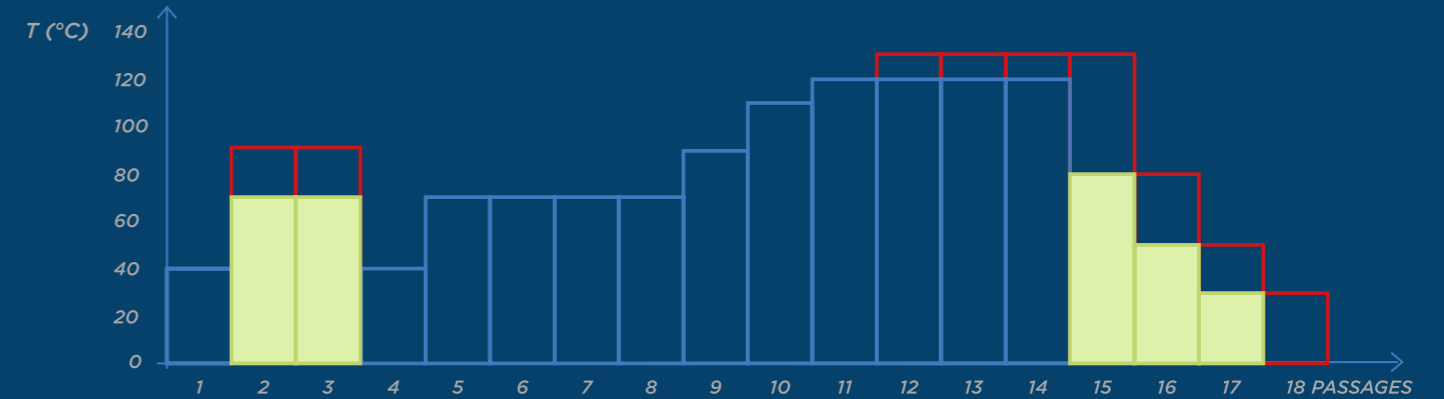
MCS TEXTILE PRESENTS TWO OUTSTANDING DYEING TECHNOLOGIES FOR THE DYEING OF ARAMID FIBRES WOVEN FABRICS

COMBY JIGGER 143 HT HT OPEN-WIDTH DYEING MACHINE

- MAXIMUM WINDING DIAMETER: 1.100 mm
- VARIABLE-SPEED PUMP
- BRUSHLESS MOTORIZATION SYSTEMS
- FABRIC CENTERING SYSTEM
- HEW: FORCED WASHING SYSTEM
- SYNCHRONIZED FABRIC LOADING AND UNLOADING
- COMMUNICATE WITH INTEGRATED MANAGEMENT SW



CINDYE VAS PERFORMANCE IN COMBY JIGGER 143 HT

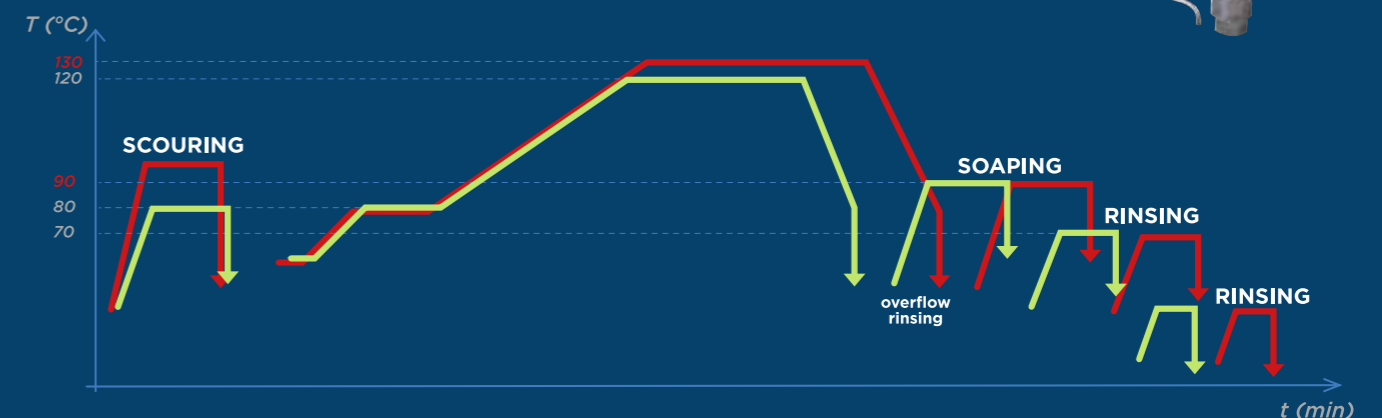


SILURO HT HT BEAM DYEING MACHINE

- INVERTER-CONTROLLED VARIABLE SPEED PUMP
- AUTOMATIC PUMP PRESSURE CONTROL
- PRODUCTS AND SALT TANK INCLUSIVE OF MIXER, FILTER, LEVEL AND TEMPERATURE CONTROLS
- POSSIBILITY TO COMMUNICATE WITH INTEGRATED MANAGEMENT SW



CINDYE VAS PERFORMANCE IN SILURO HT





*Meet the leading italian textile groups
who have joined their knowldege and experience
to bring you the best performing solution
for the dyeing of aramid fibres woven fabrics
in beam and jigger machineries*



**BOZZETTO
GROUP**

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