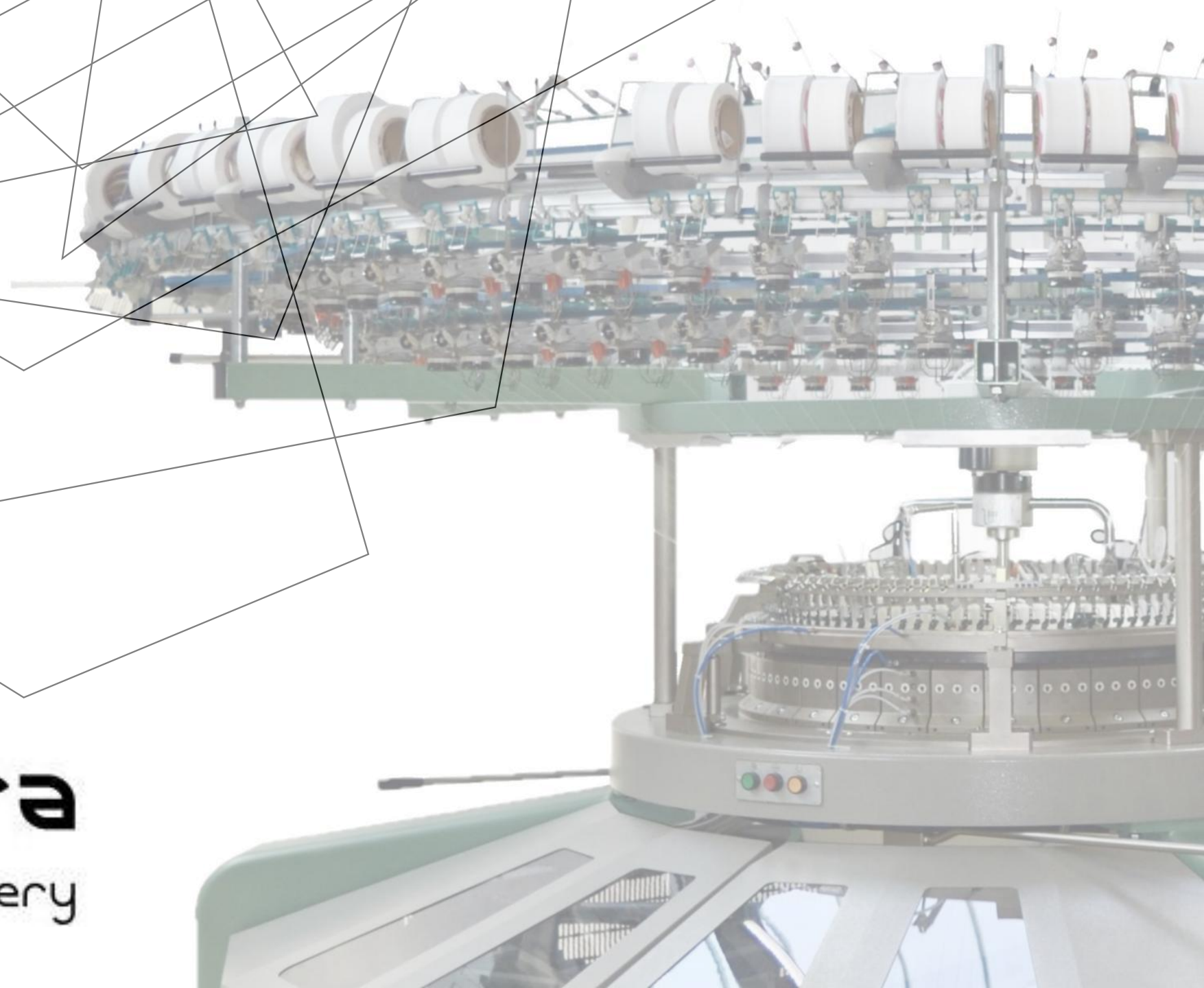
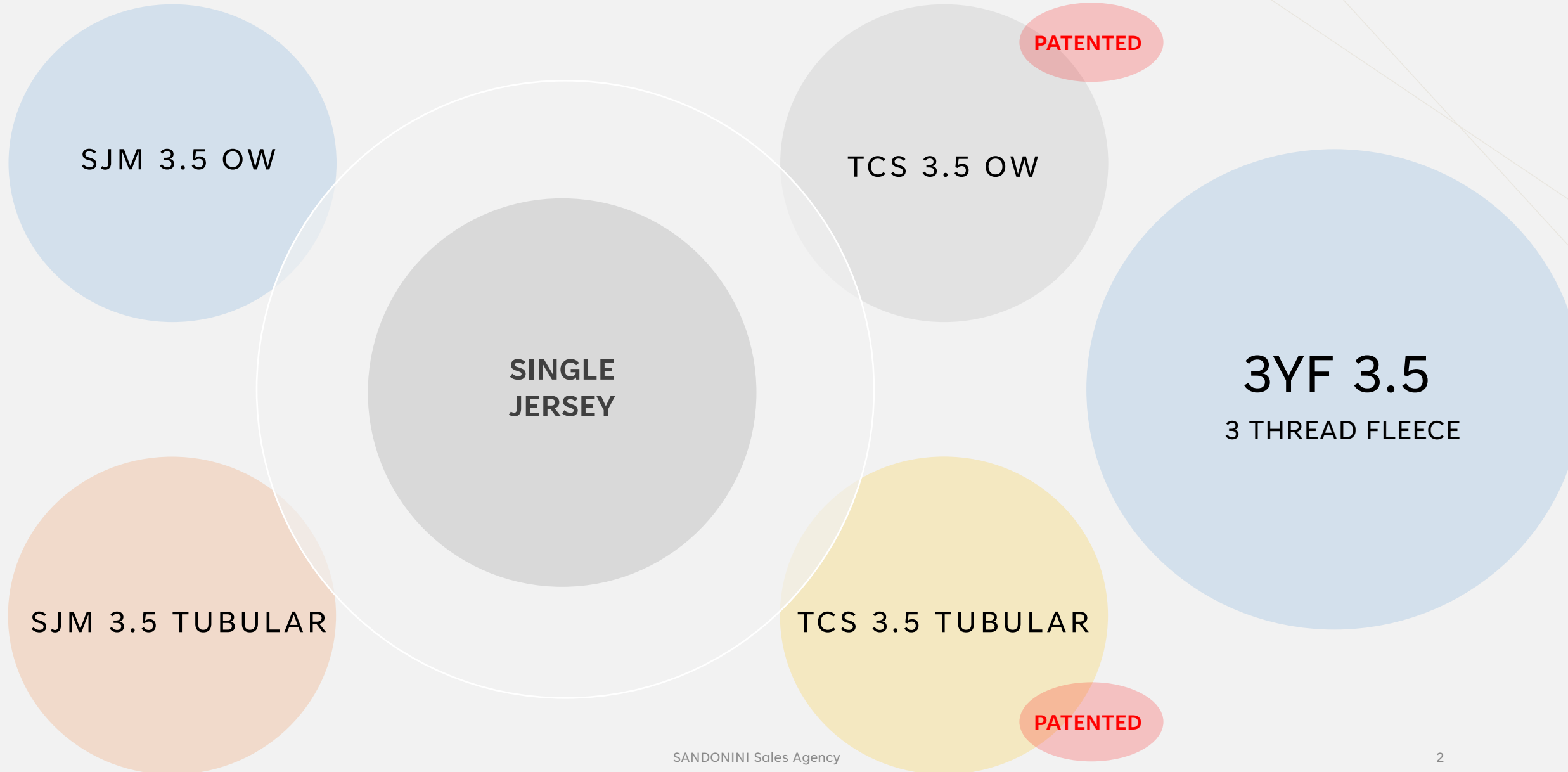




PRODUCTS



SJM 3.5 OW AND TUBULAR

ADVANTAGES

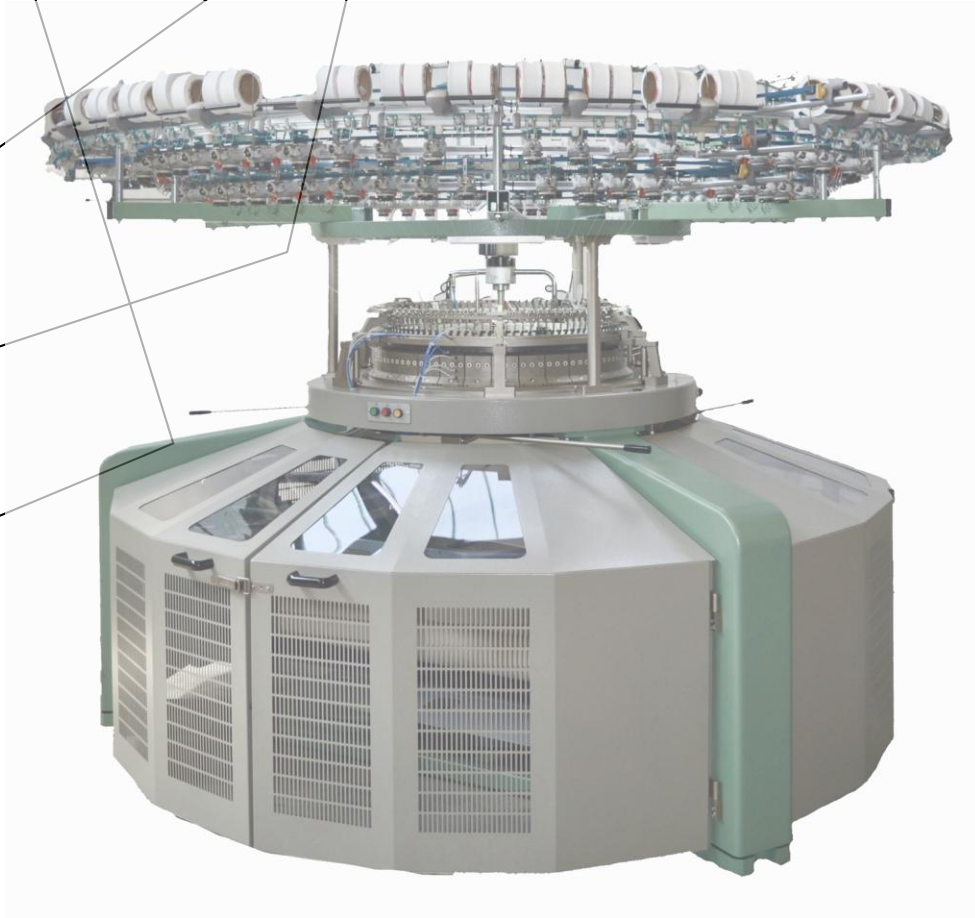
BASIC MODEL FOR HIGH PRODUCTION OF SINGLE KNIT FABRICS WITH 3 FEEDS FOR INCH AND SPEED FACTOR OF 1080

LARGE PATTERN RANGE WITH UP TO 4 NEEDLE TRACKS IN CYLINDER CAM AND A WIDE GAUGE SPECTRUM (UP TO 44)

NEW TAKEDOWN SYSTEM FOR AN EQUAL AND CONSTANT FABRIC TENSION

MODERN AND INNOVATIVE CONTROL UNIT WITH TOUCHSCREEN FOR EASY AND USER-FRIENDLY OPERATION

RELIABLE AND HIGH QUALITY ELASTANE PLATING



BEGINNING AND DEVELOPMENT

STARTING FROM THE FAMOUS AND WIDELY APPRECIATED **PILOTELLI JVCE3**,
FOLLOWING THE CUSTOMERS NEEDS AND THANKS TO RENATO PILOTELLI AND HIS STAFF OF
THE HISTORIC COMPANY, NOW INCLUDED IN VENTURA-ITM.

**WE HAVE DEVELOPED AND UPDATED OUR MACHINES TO MAKE THEM MORE PERFORMING AND
RELIABLE**

KNITTING HEAD

NAVIGATOR

TAKE-DOWN

DRIVE TOWER

DOORS AND
SAFETY

BEGINNING AND DEVELOPMENT

KNITTING HEAD - SUPPORTS



PILOTELLI JVCE3

- OLD MERGED UNIFIED SUPPORT

VENTURA ITM

NEW DESIGN -
CNC PRECISION PRODUCTION -
UNIFIED SINKER RING SUPPORT -
AND YARN GUIDE RING



BEGINNING AND DEVELOPMENT

KNITTING HEAD - SUPPORTS

VENTURA ITM

- ONLY 6 SUPPORTS
- IMPLEMENTED STRENGTH
- EASY ACCESS TO OPERATION AND MAINTENANCE



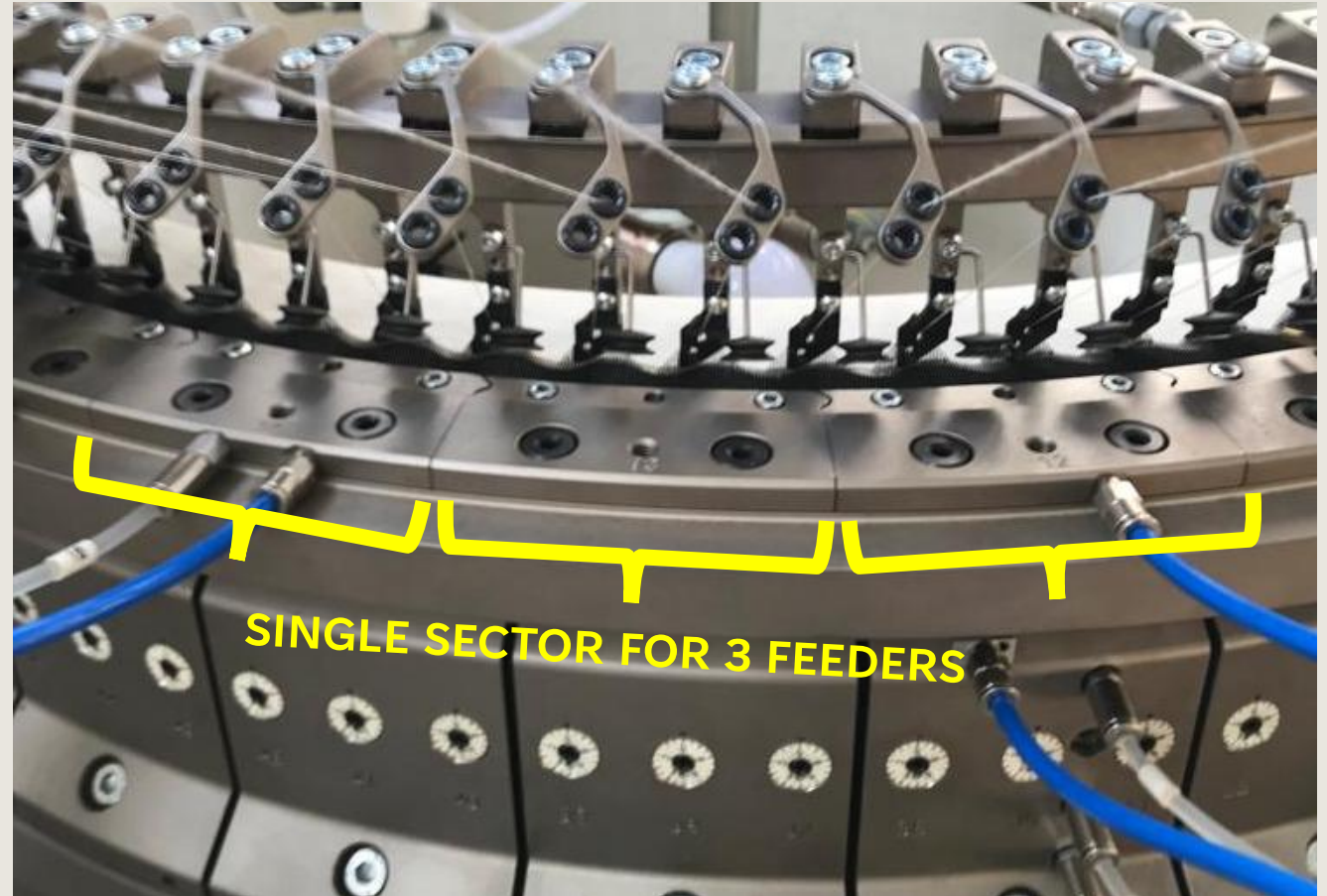
BEGINNING AND DEVELOPMENT

KNITTING HEAD – SINKER RING



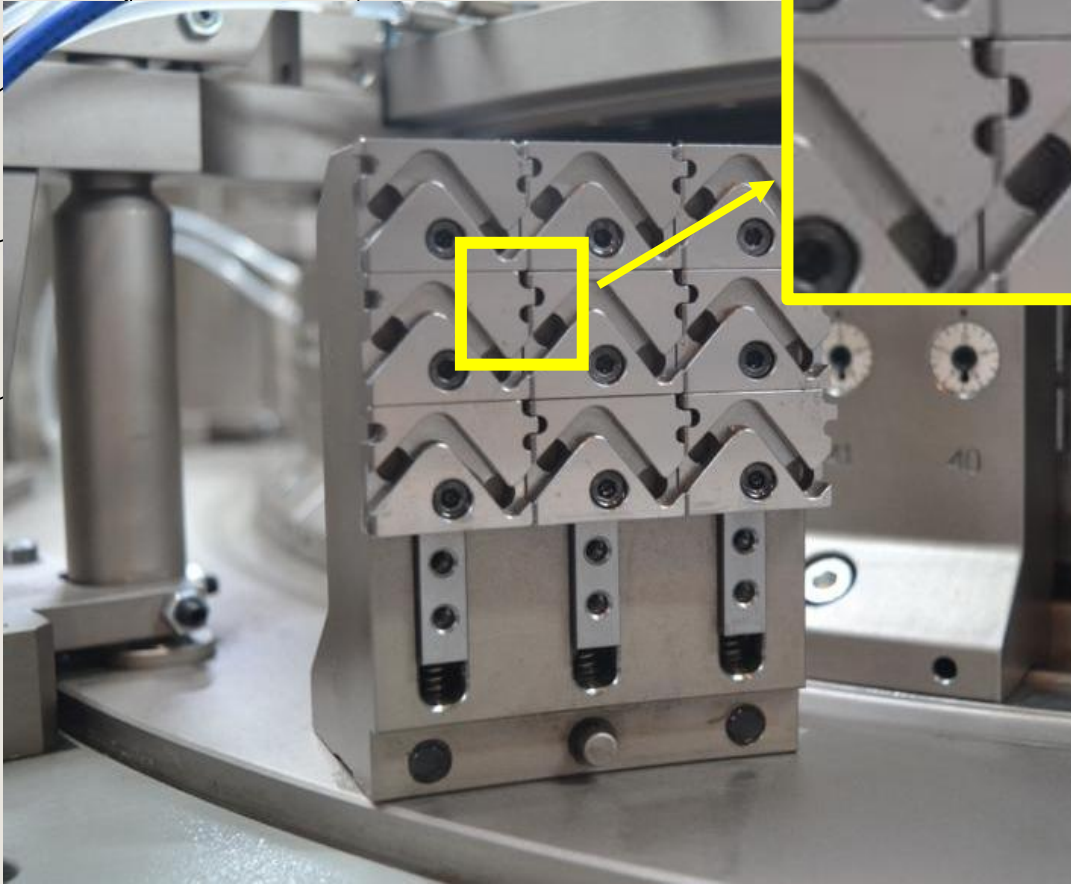
SINKER RING

DEVELOPED SINKER RING DIVIDED IN SECTOR FOR AN EASY CHANGE OF BROKEN SINKER, ALLOWING THE OPERATOR TO WORK IN EVERY POINT OF THE MACHINE



BEGINNING AND DEVELOPMENT

KNITTING HEAD – CAMS



**NEW-UPDATE
STANDARD CAMS**

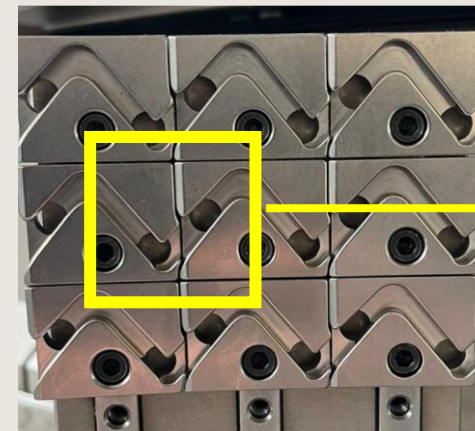
CAMS

NEW-UPDATE – STANDARD CAMS

WE HAVE DEVELOPED A UNIQUE CENTERING/BLOCKING TOOTH THAT LIMITS THE MOVEMENT TO $\pm 0,15$ mm ALLOWING HIGHER MACHINE SPEED (EX. 32" = 34 RPM)

OPTIONAL SETUP

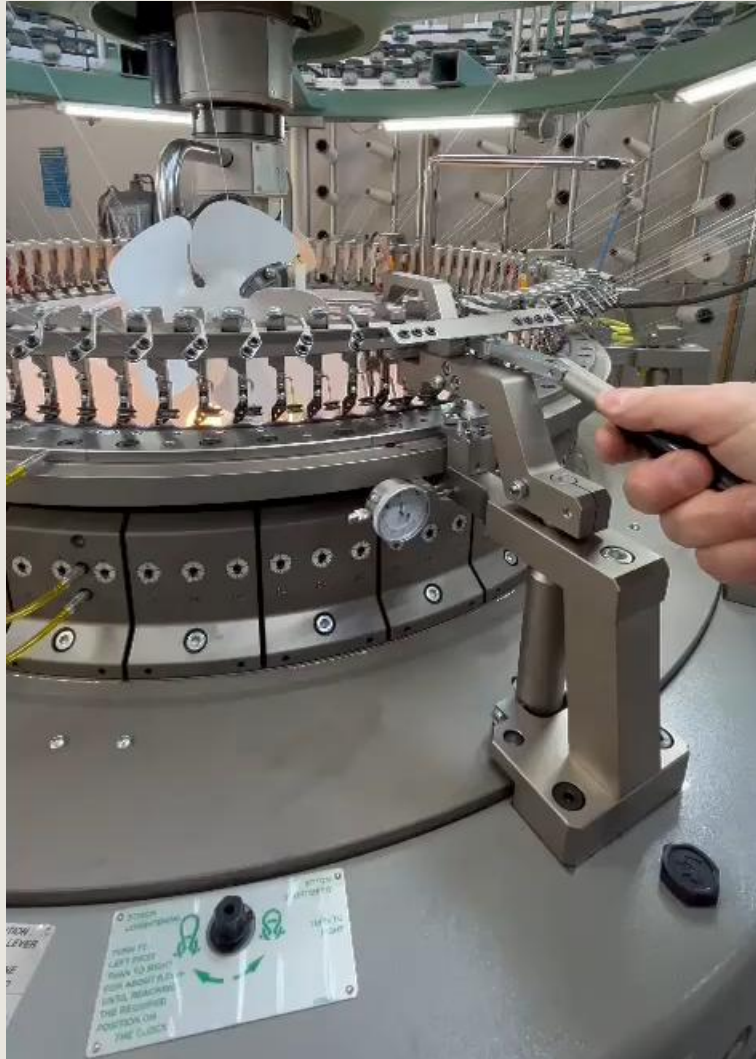
AVAILABLE ALSO A NORMAL SETUP WITH $\pm 0,5$ mm, BUT LOWER MACHINE SPEED REQUIRED TO AVOID NEEDLES DAMAGE (EX. 32 " = 30 RPM)



OPTIONAL SETUP

BEGINNING AND DEVELOPMENT

KNITTING HEAD – FANS



CLICK CLACK

INNOVATIVE CLICK CLACK SYSTEM
ON YARN CARRIERS RING

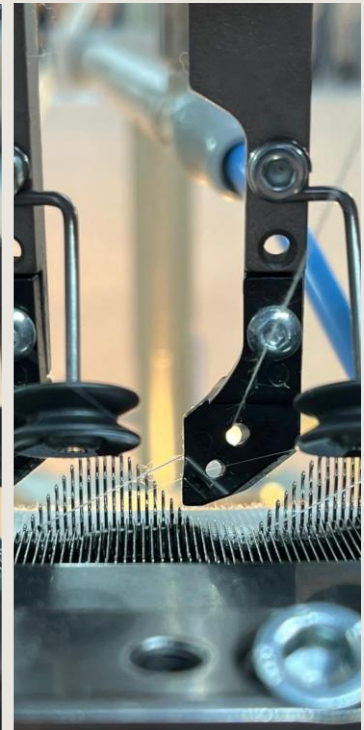
- FASTER THREADING OF LYCRA YARNS

- IF THE THREAD BREAKS AND THE FABRICS FALLS, IT ALLOWS YOU TO RECOVER IT EASILY

- WITH COTTON YARNS YOU CAN ALSO WORK OUT OF SHAPE

IN

OUT



BEGINNING AND DEVELOPMENT

KNITTING HEAD – FANS



IMPROVED FANS

- ORIGINAL DESIGN BY VENTURA ITM
- INCREASED FAN POWER
- 2500 RPM
- 2 FANS ON THE HEAD, 2 FANS ON THE FEEDERS

BEGINNING AND DEVELOPMENT

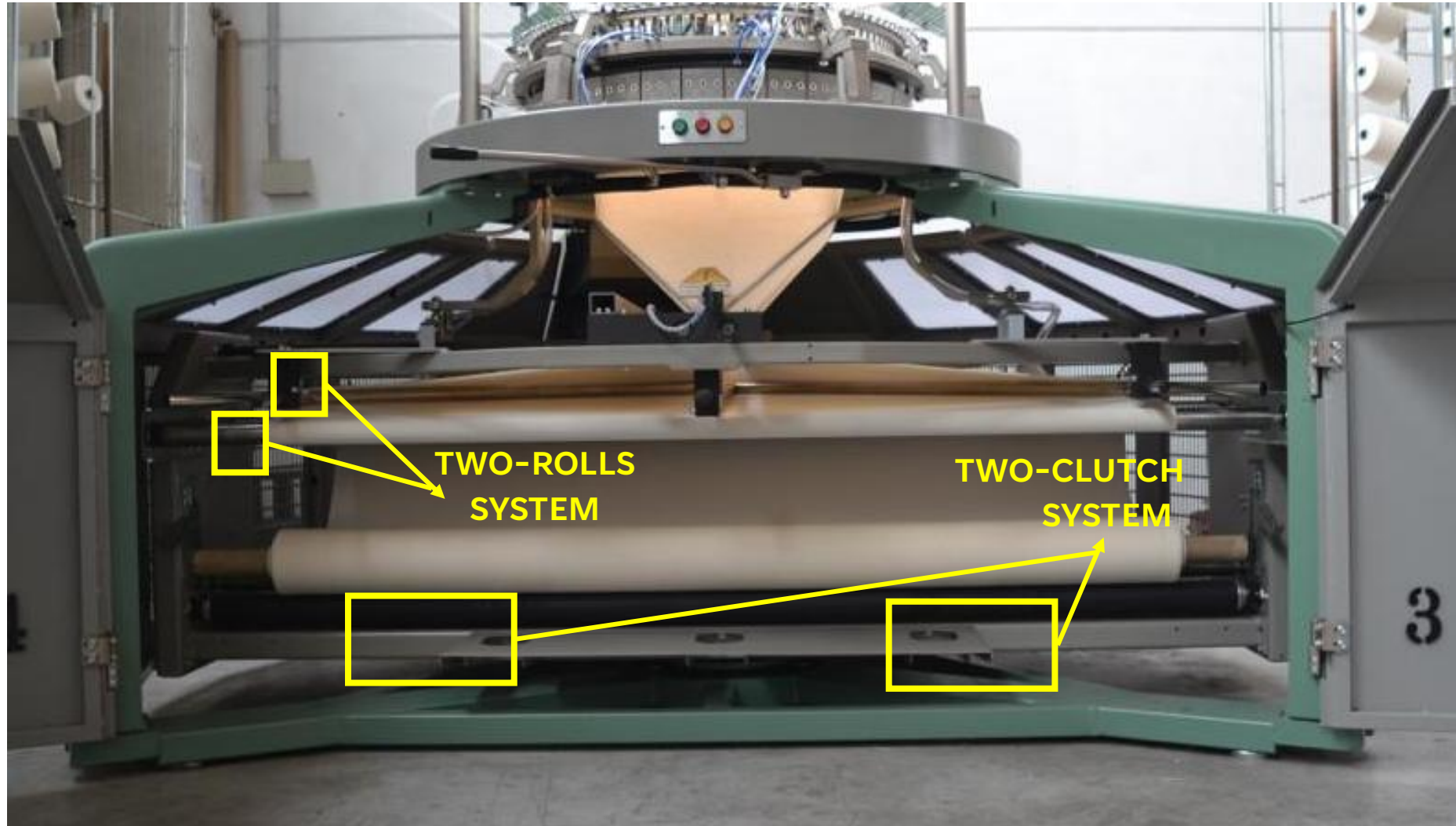
TAKE DOWN – OPEN WIDTH

- THE TRANSMISSION THAT MOVES THE ROLLERS HAS BEEN MODIFIED AND IMPROVED, ELIMINATING THE CARDAN SHAFT
- RE-DESIGNED SHAFT SYSTEM WITH IMPROVED STRENGTH AND RELIABILITY
- 2 WITH ADDITIONAL ROLLS TO HAVE CONSTANT TENSION AND BETTER ROLLING
- UPDATED SYSTEM WITH 2 CLUTCHES*
 - SPIRAL ROLLER CONTROL
 - RUBBER ROLLERS CONTROL

*ALLOWING THE MACHINE TO STOP SAFELY IF THE FABRIC GETS CAUGHT DURING THE ROLL CHANGING OPERATIONS.

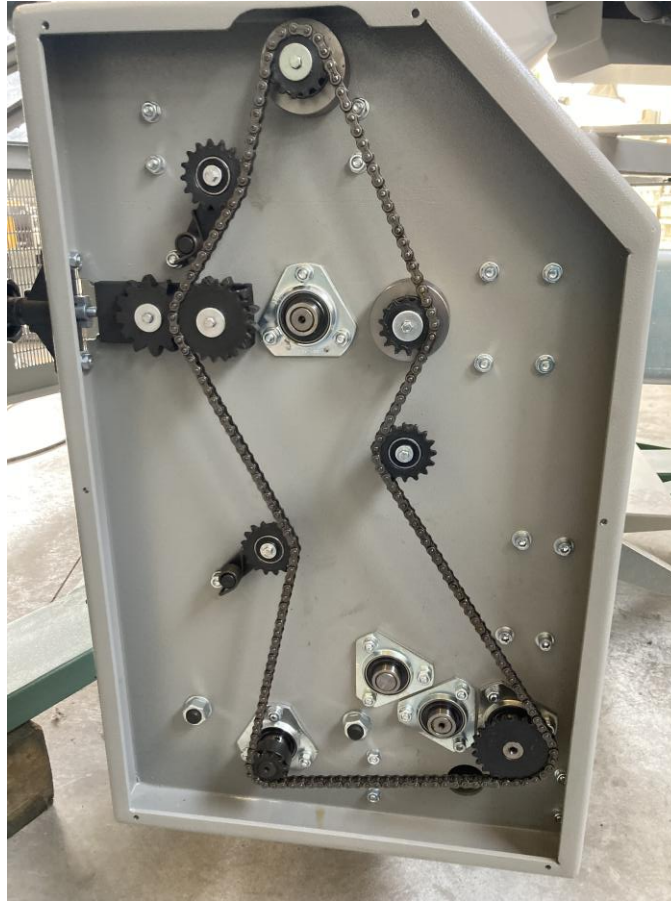
BEGINNING AND DEVELOPMENT

TAKE DOWN – OPEN WIDTH



BEGINNING AND DEVELOPMENT

DRAG SYSTEM– **UPGRADED CHAINS**



RUBBER ROLLERS CHAIN



SPRING ROLLERS CHAIN

BEGINNING AND DEVELOPMENT

TAKE DOWN – OPEN WIDTH

TWO-CLUTCH SYSTEM



BEGINNING AND DEVELOPMENT

DOORS AND SAFETY – OPEN WIDTH



DOORS AND SAFETY

- RENFORCED DOOR FRAME
- ELECTRIC SAFETY LOCK SENSORS



BEGINNING AND DEVELOPMENT

NAVIGATOR



NAVIGATOR SYSTEM

- NEW NAVIGATOR DEVELOPED SYSTEM
- TOUCH SCREEN
- INTEGRATED CONTROL CENTER ON BOARD
- FULL CONTROL 360°
- AYL Absorbed Yarn Length, THE SYSTEM MEASURE THE LENGHT OF THE ABSORBED YARN ON THE 3 TRACKS OF MPF20L1 AND ON 1 TRACK OF MER4 FEEDERS.

BEGINNING AND DEVELOPMENT

DRIVE TOWER



DRIVE TOWER

THE DRIVE TOWER OF YARN IS POSITIONED OUTSIDE FOR EASY CHANGING TE GEARS TO VARY THE LENGHT OF THE ABSORBED YARN.



PATENTED

TCS 3.5

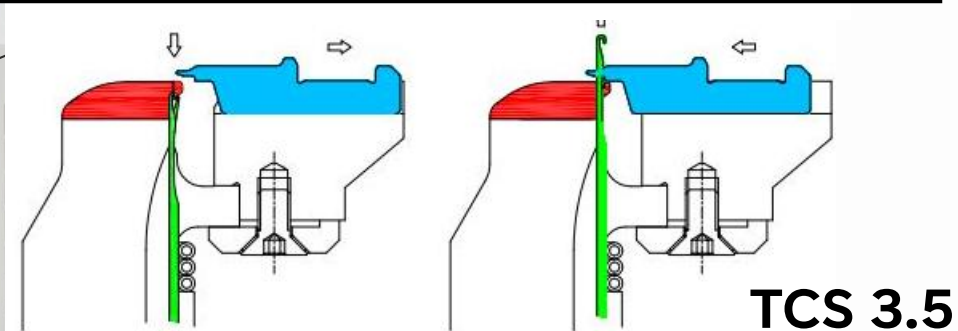
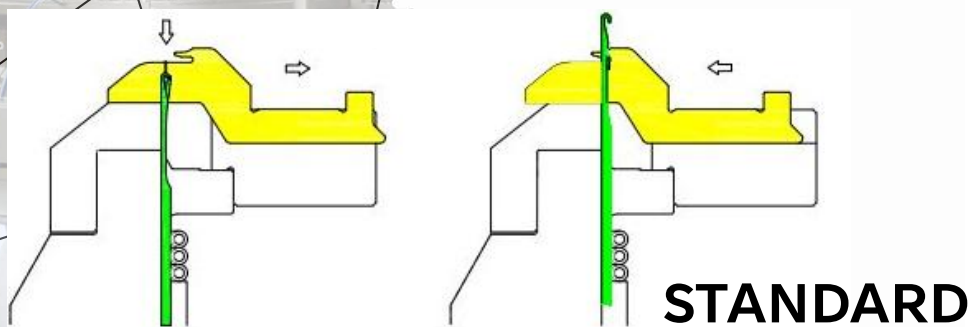
O.W. AND TUBULAR

TCS 3.5 OW AND TUBULAR

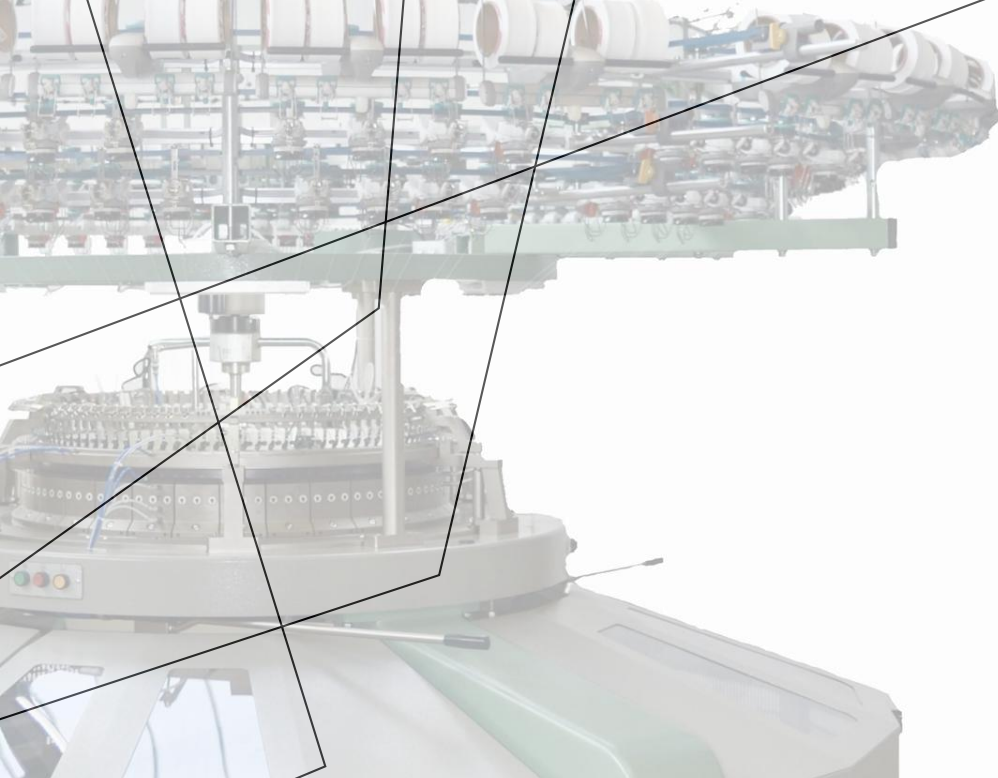
THE **STANDARD** MACHINE WORKS WITH USUAL SINKERS, THE **PATENTED TCS** WORKS WITH AN INSERT FIXED ON THE TOP OF THE CYLINDER AND HAS A FAKE-SINKER (SINKERLESS).

ADVANTAGES

- 1 - Thanks to the long life of the insert, very big economic saving for the elimination of replacement of the sinkers.
- 2 - Very stable insert for the two fixing points.
- 3 - No vertical lines before and after dry cleaners.
- 4 - Significant reduction in cleanliness in the textile head from 1 to 10/12 months.
- 5 - Increased performance in Jersey production with a speed factor of up to 1150.
- 6 - Reduction of electricity consumption and lower temperature in the upper part of the cylinder.



-  SINKER
-  INSERT
-  FAKE-SINKER

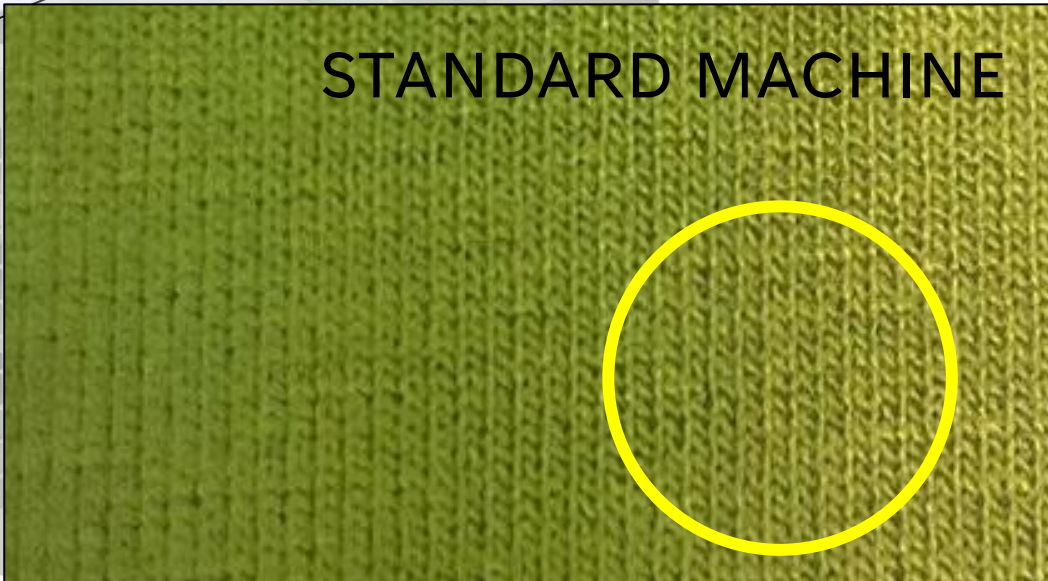


TCS 3.5 OW AND TUBULAR ADVANTAGES

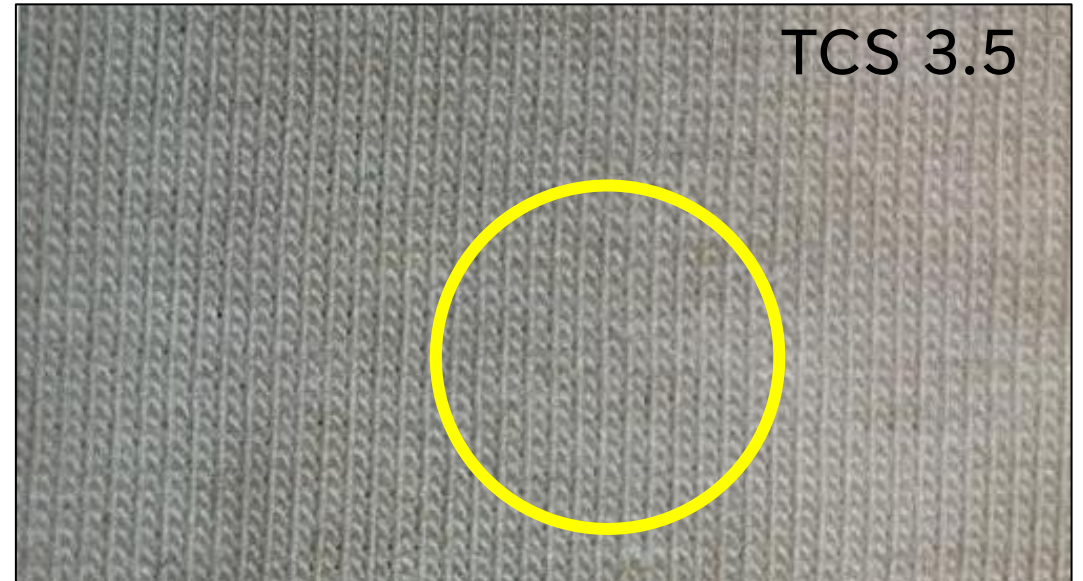
7- Quality standard

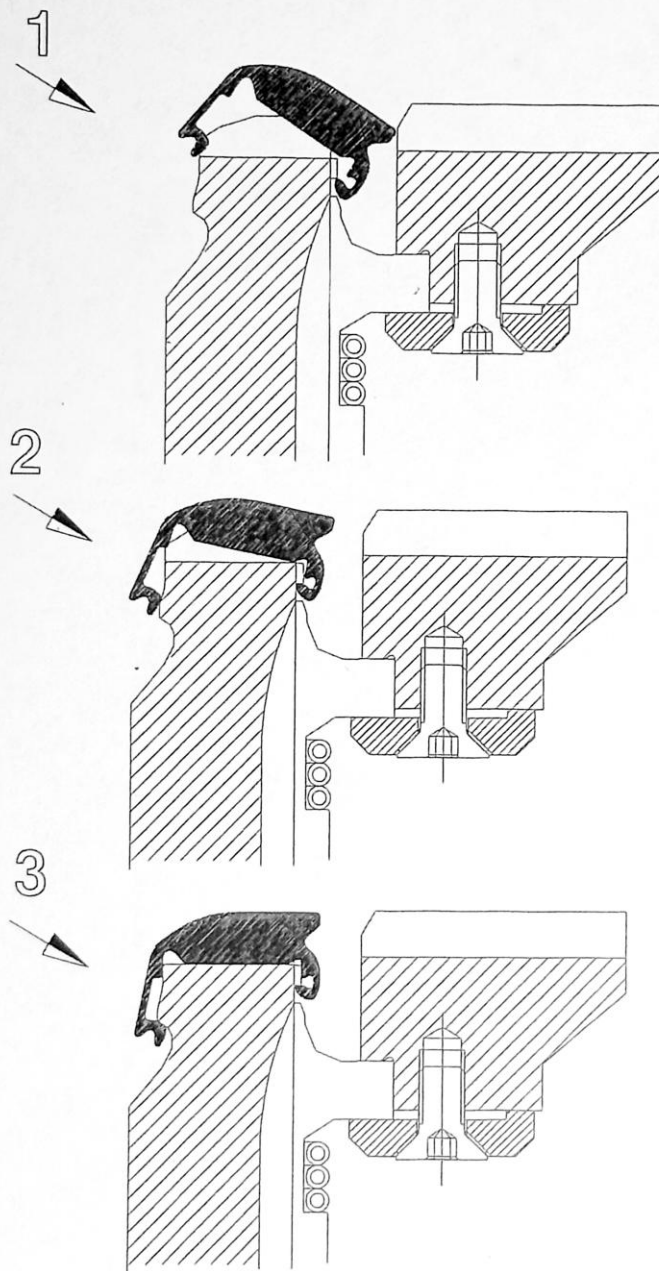
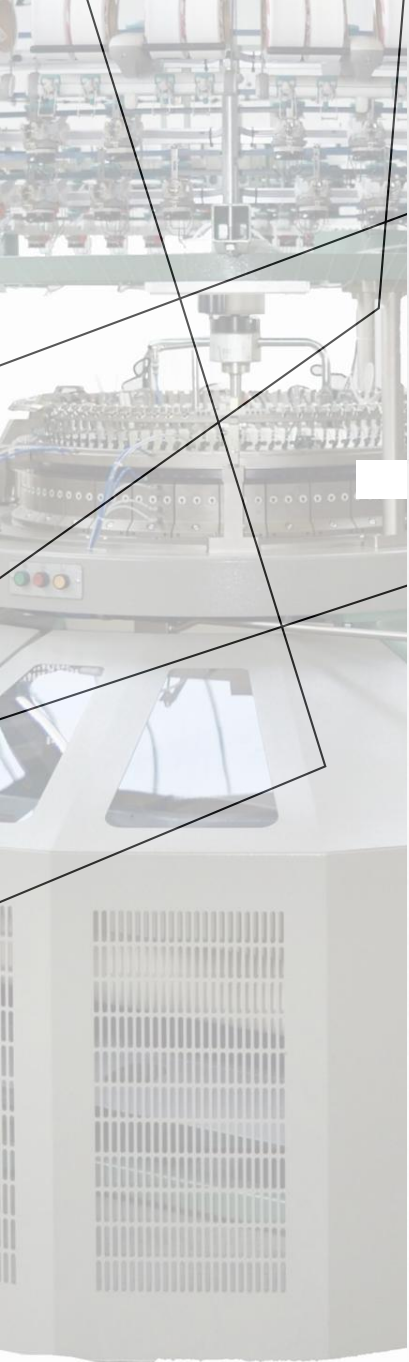
in the standard machine the fabric appears with irregular lines and imperfections, in the TCS it is evident that the fabric has a higher quality with more precise knitting lines because the stitch is produced on a fixed point on the top of the cylinder with the fake-sinker working as a comb.

STANDARD MACHINE



TCS 3.5





TCS 3.5 OW AND TUBULAR MOUNTING SCHEME INSERTS CHANGE

ATTENTION: THE INSERTS must never be disassembled for cleaning.

