

SCHOCH

since 1907

“YOUR WEAVING PARTNER”

“Schoch S.r.l. has been founded in North Italy (Ranica - Bergamo) in 1907 and is still managed by the Schoch family of Swiss origins. After over a century today our commitment to the customers continues with a modern and dynamic company able to compete in an evolving global market.

Our products are designed especially for the high segment and demanding customers and starting from 2009 we are also able to supply the Asian markets from our new factory Schoch Reeds India Pvt Ltd based in Kolhapur (Maharashtra - India). In both cases we focus first of all on the quality and performance of our products.

Having our own production units today in Europe and Asia, we are the only European reed manufacturer that can benchmark specific request for the customer, going from very complex products made in Italy until very reliable and economically competitive products made in India”.

AIRJET'S

Upper safety red channel

Profile dents in SS 301 and SS 420J

Perfect channel position and airflow

DLC & ULTRA DLC flat and profile dents

Anodized high resistance bottom channels



TERRY'S

ESR'S

BICONICALS

CONICAL'S & DLC CONICAL'S

HIGH EFFICIENCY & DURABILITY

FLAT'S

Upper safety red channel (except for Double's)

Flat dents in SS 430, SS 301, Tempered Steel

Dent width from 2mm to 10mm

DLC & ULTRA DLC flat dents

Anodized high resistance bottom channels

DOUBLE'S

BACKDENT'S

WATERJET'S

RAPIER'S & PROJECTILE'S

HIGH FABRIC QUALITY AND STABILITY

SPECIAL'S

Bend reeds with high polished punched dents. Available in dent quality SS301 and dent width of 8mm

DLC reeds with flat dents in mostly any density
DLC reeds with round needles only for low density

Custom made reeds with alternated densities. Designed by the customer to create new type of fabrics

Custom made reeds for wavy shape fabrics

BEND'S

DLC'S

CUSTOM'S

WAVE'S

CREATIVITY AND CUSTOMISATION

WARP'S

Leasing reeds as per request in different qualities in SS301, hard chrome and extra hard chrome plated

Fan and V reeds with flat or round needles in different qualities in SS301, or hard chrome plated and also DLC

Sizing combs and guides according to machine maker or customer request. Available in qualities SS301 hard chrome plated

Guide reeds with flat or round needles in different qualities and shape in SS301, hard chrome plated and also DLC

Knotting reeds with flat dents or round needles
Perfect design for handling and weight



LEASING'S

V-REED'S

EXPANSION'S

GUIDE'S

KNOTTING'S

ENGINEERING AND SMOOTHNESS

EXTRA'S



- URC - Ultrasonic reed cleaner for reed's in length max. 218cm or 328cm



- Weaver's hook of any shape and size



- Reed repairing tools and reed repairing kit



- RC30 - Reed cleaning chemicals

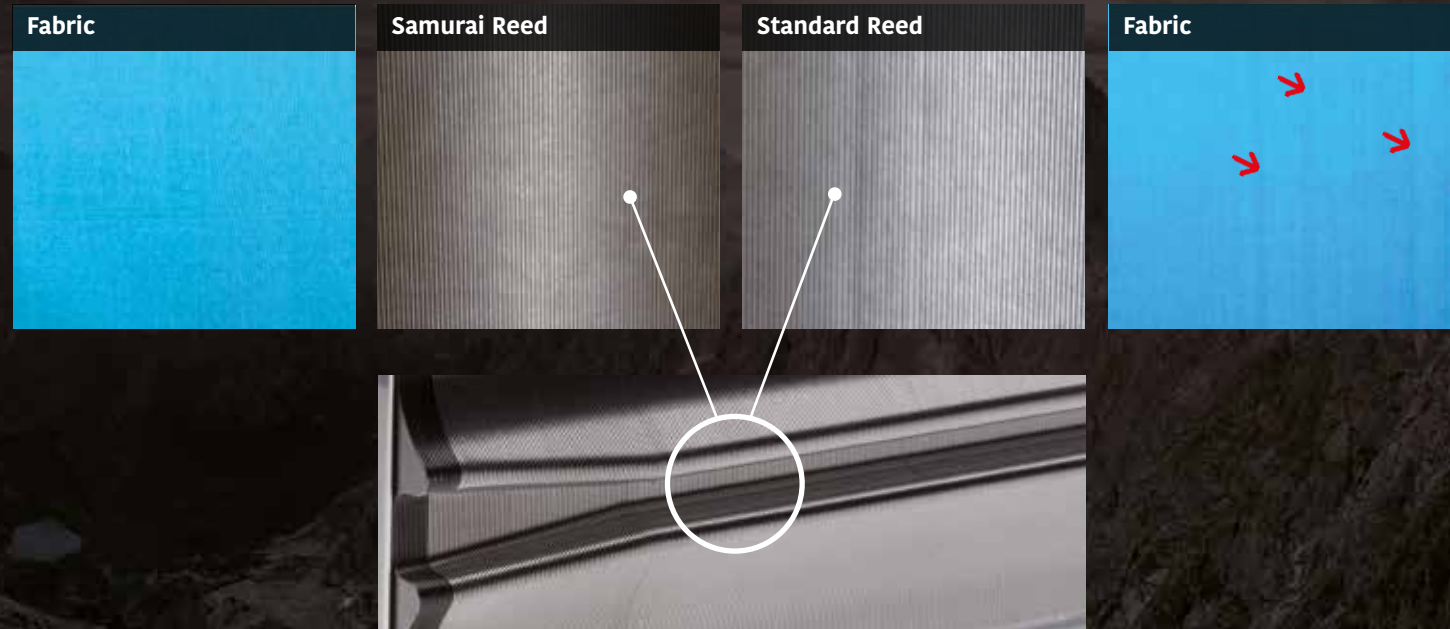
TRADITION AND INNOVATION

SAMURAI'S



Samurai reeds are made with a different assembly technique and available for flat and airjet reeds but they do not change in terms of used raw material, dimensions and other details. The main difference in this new assembly technology is the increased dent stability during the weft insertion and therefore a reduced dent vibration.

This natural vibration of the dents can be a problem on many delicate fabrics. By using Samurai reeds the customer can reduce the risk of reed marks, shadows, stripes and unevenness on the fabric surface. Samurai reeds can be ordered starting from density 16 dents/cm until 34 dents/cm as this is the range of densities used normally for finer fabrics and subject to this problem.



Applications

- Fabrics sensitive to reed marks
- Fabrics like silk, synthetics, nylon, taffetà, satins
- Fabrics with fine cotton yarns
- Fabrics that are gray, iridescent or plain dyed
- Fabrics sensitive to shadow's and striping's
- In general ideal for airjet and rapier reeds with high rpm
- Increased loom efficiency on airjet's due to higher dent stability
- For finer reeds with overall height over 105mm

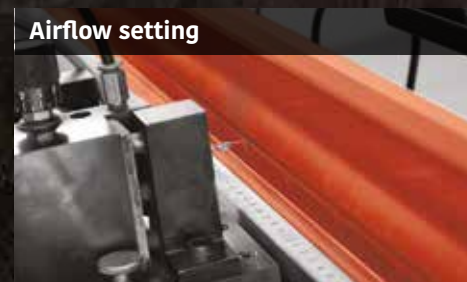
PERFECTIONISM AND ABSOLUTENESS

REED RECONDITION'S

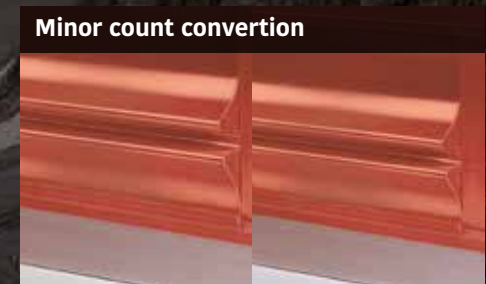


Process

The process of "Reed reconditioning" is to recycle an older or damaged airjet reed that is unusable anymore and to transform it into a usable airjet reed. The benefit of this process is the costs compared to a new reed but this process must be carefully agreed with the customer as there are some risks and limitations. Important to know, a reconditioned reed will never give same performance and efficiency as a new reed since we re-use most of the profile dents of the received reed. This process is only available from our factory in India.



Applications



ENVIROMENT AND SAVING'S

ESR'S



ESR'S (Energy Saving Reed) are the new airjet reeds generation developed for high speed looms and designed to significantly save the air consumption in combination with a different nozzle type and nozzle position. With an optimized shape this new type of airjet reed allows the sub-nozzle to be located closer to the tunnel (red color) and together with modified nozzles and a nozzle supports great amount of air consumption can be saved.

This option is already available on some new generation air jet looms but we can also study together with the customer if this application can work on other type of looms not designed for this application. Therefore we offer this concept as a complete package to convert also other air jet weaving machine into an energy saving mode in case technically possible. This concept can really bring down the energy cost and makes weaving more profitable and environment friendlier too.

This type of studies and tests are available only from Schoch Reeds India staff. ESR is available in SS301, SS420J2, in DLC and with conical entries.



- New ESR reed, nozzle and support
- Standard nozzle and support



ENVIROMENT AND SAVING'S

SERVICE'S

To maximize efficiency and to reduce the increasing energy costs, our technical team can assist our airjet loom customers with our audit service “From Generation to Consumption”.

This audit can start directly from the compressor together with the compressor technician, by checking the piping's, detecting leakages, checking the airjet reeds efficiency, the nozzles efficiency and finally measuring the difference of CFM consumption. Therefore our technicians will be able to suggest to the customer if there are potentials to decrease the air consumption and to what extent.

At the end of the audit we will deliver a detailed report with clear indications on Year/CFM savings per each loom or for each weaving hall. By our experience, the older is the installment of the looms and related infrastructure, the higher are the results and potentials for decreasing the air consumption. Results may vary from 5% up to 30% CFM savings according the quality of machines, infrastructure and maintenance (data are per our experience only and are not official). This service is only available from our factory in India.

Checking compressor and pipings



Checking subnozzle efficiency



Checking airjet reed efficiency



Checking cfm consumption and leakages



FROM GENERATION TO CONSUMPTION

ONLINE ORDER'S

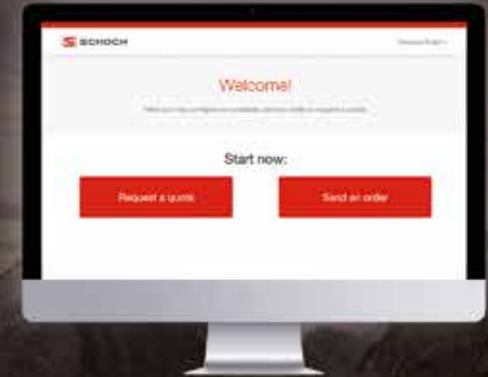
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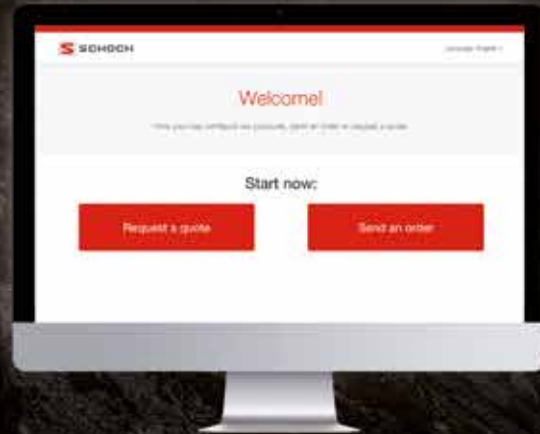
■ ANY PLACE



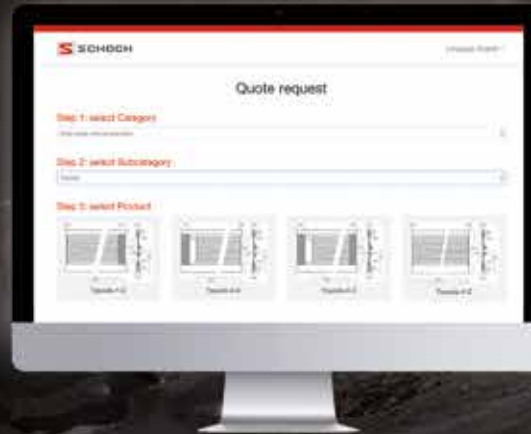
■ ANY TIME



■ ANY DEVICE



■ STEP 1



■ STEP 2



■ STEP 3



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