

ITEMA WEAVING: Ecological solutions and a new rapier weaving machine on display

ITEMA Weaving with its brands Sulzer Textil, Somet and Vamatex will present its latest technical innovations on weaving machinery. Among the widest range of weaving machines, accessories and services, ITEMA Weaving will exhibit the Vamatex R880 rapier weaving machine for the very first time ever to public.



Vamatex R880 rapier weaving machine

ITEMA Weaving is the only company to produce weaving machines with the three leading weft insertion systems, providing the right weaving technology for every application. Together, Promatech Italy, ITEMA Switzerland and ITEMA Weaving Machinery China are one of the leaders in weaving machinery manufacturer, with roughly 300,000 units installed worldwide.

ITEMA Weaving: ECO solutions

Over the last years, R&D focussed on developing solutions for energy saving, waste reduction, noise/vibrations reduction and long lasting reliable products. Today, the ITEMA Weaving's ECO - Environmental Care Obligation program is realized in solutions and machines that are not just ECOlogic but also ECONomic.

All ITEMA weaving machines are energy friendly due to efficient drive motors and high-tech solutions. For instance, the Sulzer Textil L5500 air-jet weaving machine is the bench mark in regard of air consumption. Furthermore, considerable efforts have been made to reduce the yarn waste generated by the weft insertion. This means a direct reduction of yarn consumption but also a saving in the waste reprocessing.

A superior quality of woven fabrics and the prevention of stop marks are other key points of ITEMA weaving machines. The consequence of the unrivalled fabric quality is the reduced management of waste and therefore the higher competitiveness in the fabric market. The return on investment is also considerably improved by the use of simple and reliable software which will automatically improve the machine efficiency.

ITEMA Weaving's product range can satisfy every production requirement, from commodity to high-fashion and industrial fabrics. Six weaving machines representing the various brands will be on show.

Highlight of the show: the Vamatex R880 rapier weaving machine

The highlight will be the Vamatex R880, the new ITEMA Weaving rapier weaving machine. It is the result of experience gained and synergies created within the Euro-Chinese organizations of the

company. A further development of the famous K88, the R880 features improved performance, greater versatility and proven reliability, thanks to advanced solutions adopted from the high-end machines.

Somet Alpha PGA Rapier Weaving Machine - Upholstery is the business!

Thanks to the universal PGA gripper, the weaving flexibility of the Somet Alpha PGA weaving machine is the most flexible machine with regard to inserting different weft materials and yarn counts into the same fabric (e.g. upholstery). The Somet Alpha PGA is a machine that weaves an unlimited range of fabrics and materials at a high production level: it is the perfect choice for the weaver!

Vamatex Silver DynaTerry Rapier Weaving Machine - Best quality towels!

Vamatex is the most famous brand in the world for terry rapier weaving machines. The superior technology of the Vamatex Silver DT perfectly combines high productivity with great flexibility: it is the best solution to produce high quality terry products.

Vamatex Silver HS - Highest quality shirting!

Due to the unique and advanced development of the Propeller system and the optimized shedding geometry, the Vamatex Silver HS has been proven as the rapier weaving machine with the highest speed. Now it comes with a totally revised mechanics, especially developed to drastically reduce the vibrations thus reaching a far ahead performance level!

Compared with other products on the market, end users benefit not only from the highest speed: low maintenance requirements, quick style change and lowest production cost are the base to further increase the profitability. The Vamatex Silver HS model is best suitable for high quality shirting and Denim.

Sulzer Textil G6500 Rapier Weaving Machine - Versatility at its best!

The technical capabilities of the Sulzer Textil G6500 Rapier weaving machine is recognized and appreciated worldwide. The Active Rapier Technology (ART) is

capable to insert an unlimited range of weft yarns into the same fabric. This model is best suitable for technical fabrics and high class apparel and household goods.

ITEMA K88 Rapier Weaving Machine

Assembled at ITEMA Weaving Machinery (China), the ITEMA K88 evolved from the original design of the Vamatex rapier weaving machine. Taking advantages from the technical similarity to the Vamatex rapier machine and with a better price-performance ratio, the ITEMA K88 provides the market with a good alternative. So far, more than 5,000 machines have been installed in the Chinese or other markets. The ITEMA K88 has been proven to be flexible to weave the common spun and filament yarns and produce excellent quality of fabrics. This model is best suitable for medium weight Denim, silk and labels.

Sulzer Textil L5500 Air-jet Weaving Machine - Most economical air consumption!

The outstanding performance of the Sulzer Textil L5500 high production weaving machine with the least air consumption of all air-jet machines, guarantees a fast return on investment. This model is best suitable for high density, medium to heavy weight cotton fabrics, where its sturdiness combined with the optimized shed geometry gives the best solution to the weaver. However, for profitable production not only the performance is decisive, but also the air consumption. With a new, intelligent, self-teaching air-nozzle control system, air consumption has been reduced by up to 15%.

ITEMA L88 Air-Jet Weaving Machine - Best price/performance concept!

The success of the ITEMA K88 rapier weaving machine inspired ITEMA Weaving to complement it with a new air-jet weaving machine ITEMA L88. With the advanced technology of cam driven sley movement, direct drive main motor and all other up-to-date technologies, the ITEMA L88 air-jet weaving machine is built to provide the market with a valuable price/performance ratio concept. This model is best suitable for cotton and polyester fabrics. ♦