

TECHNICAL INFORMATION

Stoll 822 flat knitting machines have a wide 213-cm/83-inch needle bed.

This is ideal for knitting wide items such as queen-size blankets, quilts or large-size dresses, or dresses knitted from opposite direction.

For cut-and-sew items, this means two panels can be knitted simultaneously, resulting in knitting time savings; for tuck stitching, it is possible to fold the panel in half, stitching on two sides instead of three.

On simple knitting work where two systems are enough, the carriage can be split on 822 machines, achieving higher production than with a single, short machine.

Stoll 822 machines have 4 systems which, where possible, allow to save work on moss stitch, cloth stitch, and 4-colour jacquards, among others. On striped knits, the third and fourth systems allow tying the yarn ends of the yarn carriers that are not engaged in the process, without losing strokes.

Stoll's latest-generation ADF flat knitting machines allow us to create intarsia plating, inverted plating and weave-ins.

The ADF machines with 24 yarn carriers have a 213-cm/83-inch needle bed

The BW machines have belt takedown that allows creating important flexage detailing otherwise impossible with traditional machines.

These are special for shoe upper production with 127-cm/50-inch needle bed and 16 to 32 yarn carriers.

The Stoll 7.2-gauge flat knitting machines are peculiar: 14-gauge knitting with head 10 needle.

These are very useful for items that can cause problems in other gauges; they allow a 14-gauge hand while containing the rigid yarns that badly handle a 14-gauge. The choice is agreed with the customer.

The production shop floor is air conditioned and humidified to keep the yarns from drying and thus prevent issues during knitting.

The production cycle takes place over three 8-hour shifts, 24 hours a day.

We act as a contract manufacturer for the top fashion designers in Italy and across the world. In carrying out our contract activities, we act virtuously and responsibly, in accordance with ethical principles and regulations on the protection of intellectual property (trademarks, patents).

**Maglificio Tonello achieved Certification as Approved Supplier
to the top high fashion designers in Italy and abroad.
We are high-end knitwear sample collection and knitting specialists.**



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