INTARSIA KNITTING

HIGHEST FLEXIBILITY IN COLOR AND DESIGN
STOLL INTARSIA KNITTING
Highest flexibility in color and design

With its high-end technologies, Stoll unifies all requirements of the knitting production. Flexible, time-saving, and productive. With Stoll, it is easy to react on new market trends and last minute orders. Especially with Intarsia knitting.
No ifs and buts – just limitless design possibilities. With Stoll Intarsia, this becomes a reality. This proven Stoll knitting technique offers even more color variations within optimum productivity. Discover the various possibilities of Stoll Intarsia technology.
Limitless color variety – unbeatable productivity

Stoll Intarsia has significant advantages. Almost every CMS machine can be equipped with Intarsia yarn carriers. This results in maximum flexibility – both for design and for the production sequences themselves.

*except CMS 502 HP+, CMS 502 HP+ multi gauge and CMS 803 HP knit&wear.
CMS INTARSIA YARN CARRIERS

Quick and simple – Stoll Intarsia yarn carriers are mounted in an instant. They can be quickly and easily integrated into nearly any machine, which makes particular types of machines or special components dispensable. Thanks to the short setup time the efficiency of the whole production sequence remains. In addition, the improved design of the Stoll Intarsia yarn carrier sliding box allows a closer staggering process of the yarn carriers on a yarn carrier bar. This means for the knitter, that with up to 32 yarn carriers, now even more colors can be implemented in a particular knitting width. With Stoll Intarsia, Stoll customers receive the most productive solution for limitless color and pattern possibilities.

MORE CMS INTARSIA OPTIONS

When 32 Intarsia yarn carriers are being used, wider friction feed wheels ensure an equal yarn tension and a more careful yarn consumption. The active yarn clamp and the thread brake ensure that the yarn is guided without disruption. In combination with one another they guarantee an optimal yarn guide and therefore fulfill Stoll’s customary quality standards for an Intarsia fabric.

M1plus®

All knitting programs for Intarsia can also be created with the pattern design software M1plus®, including the integration of all existing functions. With the M1plus®, Intarsia patterns can be programmed quickly and easily thanks to the support of many available drawing tools, such as the argyle tool. The pattern software M1plus® provides many ready-to-use stitch structures and structure modules, which increase flexibility. The results can be checked immediately in any of the views of the M1plus® - technical view, symbol view and fabric view.

patternshop.stoll.com
The CMS ADF models, with their unique yarn carrier technology, are especially adept at opening up inspiring application possibilities for Intarsia knitting. The latest ADF technology makes it possible: The horizontal and vertical movement of the fully yarn carriers independent of the carriage as well as the two inch minimum distance between them, means there are no limits for creative color designs or patterns. The set up of two yarn carriers per track for a total of 16 tracks in the CMS ADF 32 models and 8 tracks in the CMS ADF 16 models provide additional support for this freedom.

The CMS ADF models offer even more advantages for Intarsia patterns. For example, no yarn carrier conversion is necessary – on the contrary: The motto for the CMS ADF is “one yarn carrier for everything”. The particularly compact form of the ADF yarn carriers means that even the smallest color field of 0.5 inches is possible.
One autarkic yarn carrier for everything

A single yarn carrier for all knitting techniques. Intarsia and also Plating or Inlay technique, can now be produced without conversion of the yarn carriers. The yarn carriers move independently of the carriage and are set program-controlled in their horizontal and vertical position.

Two yarn carriers on one track

The minimum distance between two yarn carriers on the same track has been reduced to two inches.

16 tracks / 8 tracks

The total of 16 tracks for CMS ADF 32 models and 8 tracks for CMS ADF 16 models with two yarn carriers each allows significantly easier programming of sophisticated Intarsia patterns.

V-shaped arranged yarn control unit

The V-shaped arranged yarn control unit supports a cross-free, direct yarn feeding.