



INNOTAS system

New knitting system, consisting of needles, sinkers and cylinders for Santoni INNOTAS machines

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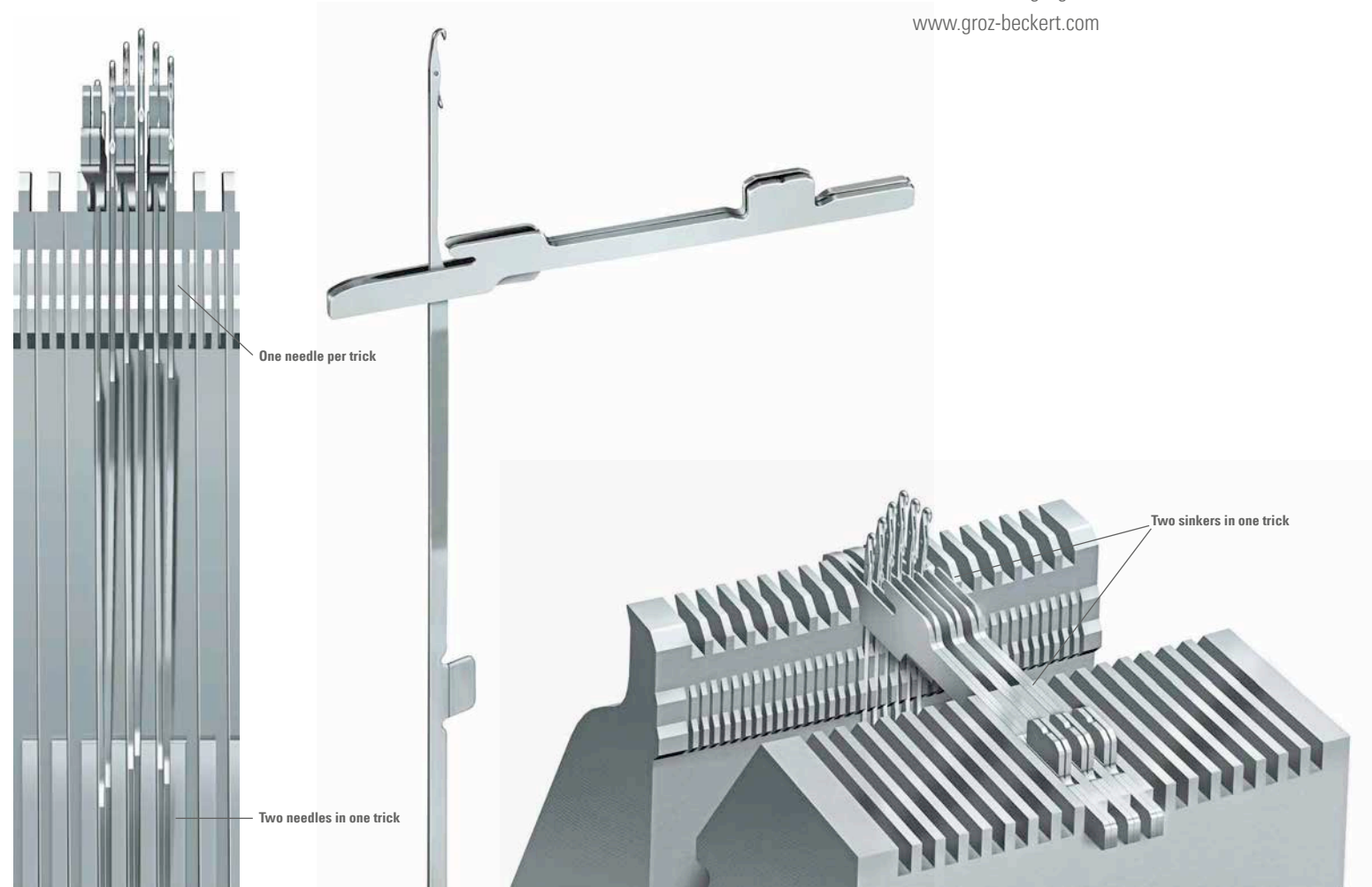
The INNOTAS system

Together with Santoni, Groz-Beckert has developed the INNOTAS system, consisting of needles, sinkers and cylinders, which supports a revolutionary approach to large-diameter circular knitting.

In INNOTAS machines, two needles at a time are inserted into one needle trick and are guided individually into the verge area according to their gauge. The sinkers are also inserted in pairs into one trick.

The knitting system is designed to achieve a superior self-cleaning effect and to avoid problems otherwise caused by contamination of the machine and knitting elements.

The knitting elements are designed as a low-shank version, which ensures continuous contact with the bottom of the needle trick. This, together with the reduced trick depth made possible by the low shank, means from the start there is little possibility for the accumulation of dirt.



Needles

SAN™ DUO

Technical features:

- Low-shank execution
- Butt with predetermined breaking groove

Advantages:

- Minimized contamination of the needle tricks
- Controlled butt breakage with predetermined breaking groove

Benefits of the INNOTAS system:

- Reduced cleaning effort
- Higher productivity
- Excellent plating quality
- Reduced oil consumption
- Less oil in the fabric



Sinkers

SNK DUO-0L

Technical features:

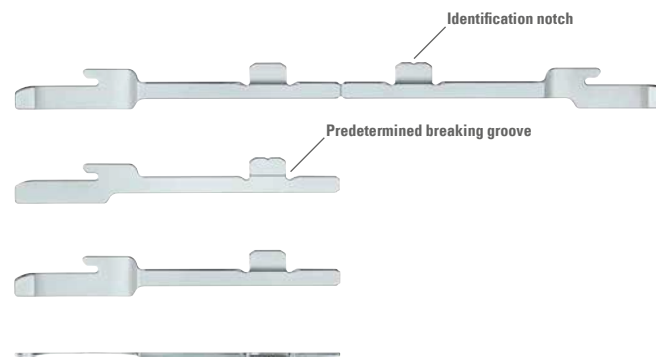
- Left and right sinkers delivered in one piece
- The sinker to be inserted left is provided with an identification notch on top of the butt
- Low-shank execution
- Butt with predetermined breaking groove

Special characteristic:

The left and right sinkers are delivered in one piece. Before inserting them into the machine, they are broken by hand and are then inserted in pairs.

Advantages:

- Minimized contamination of the tricks
- Controlled butt breakage with predetermined breaking groove
- Easy handling



Cylinder

Technical features:

- Low trick depth and wider tricks for needles and sinkers
- Reduced number of inserts in the lower part
- New kind of fixing the sinker ring with sinker ring support inserts evenly distributed around the cylinder circumference

Advantages:

- Minimized contamination of the needle and sinker tricks
- No accumulation of fluff at the sinker ring support inserts

