COMB-PRO circular combs & FIXPRO top combs

Superior Performance
The new series of circular combs, COMB-PRO has been developed for combers of various manufacturers and types (e.g. Jingwei, Kaigong, Lakshmi, Taihang, Hongxi, Marzoli etc.) other than Rieter. These circular combs are suitable for up to 400 nips / min and circular comb shafts with diameter of 85 mm.

Special features:

- Ideal combing intensity, thanks to the alternately slanted position of the sections
- Short running-in period, thanks to the special surface treatment from Graf
- Quick and safe replacing of the circular combs

COMB-PRO F14

- Comb with 4 sections with combing surface of 90°
- Navy blue side covers
- Application for short and medium staple fibres of 1 1/32" - 1 7/32" (26 - 31 mm)

With its optimum tooth geometry and tooth spacing, the standard circular comb for short and medium staple is suitable for raw materials with a high short fibre content and a high trash content. It can be used on most types of combers and produces faultless quality even at 400 nips / min.

COMB-PRO H15

- Comb with 4 sections with combing surface of 90°
- Light green side covers
- Application for medium and long staple fibres of 1 1/16" - 1 5/8" (27 - 41 mm)

With its optimum tooth geometry and tooth spacing, the standard circular comb for short and medium staple is suitable for raw materials with a high short fibre content and a high trash content. It can be used on most types of combers and produces faultless quality even at 400 nips / min.

COMB-PRO F15

- Comb with 5 sections with combing surface of 111°
- Light blue side covers
- Application for medium and long staple fibres of 1 1/16" - 1 5/8" (27 - 41 mm)

This circular comb is specially developed for medium to long staple fibres and is suitable for use with 400 nips/min according to type of comb, resulting in much more intensive noil extraction compared with COMB-PRO F14.
Your advantages:

- Proven PRIMACOMB Technology
- Minimum manufacturing tolerances guarantee fast and safe exchange of the combs
- Due to the application of metallic clothing life times of 500 to 800 tons per comb can be achieved
- Optimized clothing structure for gentle feeding

For today’s generation of high performance combers the demands have increased on the two key elements in the combing process, i.e. the circular- and the top combs. It is only as a result of the particular configuration, precision and subsequent finish of these main parts that the known increase in production rates at equal or improved technological values could be realised. This top comb ideally complements the COMB-PRO circular comb and stands for ideal yarn values in the combed range.

Special features:

- Available with 26 and 30 teeth/cm
- Metallic teeth instead of needles
- Special surface lapping of the teeth
- Optimised tooth shape and adjusted angle lead to improved retaining of nepes, short fibres, trash- and dust particles during the piecing process
- Wedge-shaped tooth points reduce the possibility of fibres winding around the clothing teeth resulting in a self-cleaning effect
- No soldered connection but connection actuated by clamping between row of teeth and top comb blade (aluminium profile)
- Reinforced ends of tooth row

Your advantages:

- Self-cleaning top comb
- Cleaning intervals extended by up to 4 times
- Constant values in the combing sliver
- Nep values improved by up to 30% in the medium staple and by up to 20% in the long staple
- Invariable %-values in comber noils
- More efficient performance of top comb (elimination of short fibres, nepes, trash, seed coat fragments and dust)
- Improved life time due to lateral reinforcement of the teeth on the rim
Comber various types – Circular Comb

COMB-PRO F14/15 and H15 – recommended application range
FXPRO C26/C30 – recommended application range