



## Suessen optimal yarn quality, high productivity and cost reduction

Since its foundation in 1920, the company has been of great value for the spinning industry by an immeasurable amount of innovations and developments with lasting effect and influence on the history of spinning.

In ring spinning sector the EliTe®CompactSet, a compact spinning system, can be installed on nearly all types of ring spinning machines. The system includes various innovations resulting in better yarn quality and increased productivity. An example is the EliTube Concept: as the fibre path within the drafting system is off-centred and the

slot inclination is varied from left to right depending on the machine side, the use of top roller cots and aprons can be doubled. The main goal of this and the other innovations is increasing lifetime of the components and reducing maintenance costs.

The EliTe®CompactSet can be equipped with the optional EliTwist® enabling the production of compact two-ply yarn on ring spinning machines. EliTwist® is highly suitable to spin two-ply core yarns.

Suessen Premium Parts for rotor spinning machines. The new TwistTrap Navel is a modified navel with a patented

twist-retaining element. The navel, which is applicable to all types of SpinBoxes, provides an additional false twist, which results in better spinning stability. The production increases by 10% to 15% due to the possible twist reduction.

Another new Premium Part is the PS7 TwinDisc. There is substantially less flexing work between rotor shaft and disc, as the width of the disc is reduced from 10 mm to 7 mm. Due to the lower energy consumption upto 11 W per spinning unit are possible depending on the rotor speed the payback period of this innovative component is very short. ♦