

# EliVario - Frequency-Controlled EliVAC Drive

- Infinitely adjustable EliVAC fan speed
- Optimisation of compacting performance
- Adaptation of yarn quality to specific requirements
- Reduction of energy costs
- Reduction of maintenance costs

EliVario is the frequency-controlled drive of the EliVAC system creating the vacuum for the EliTe®CompactSet. EliVario is offered optionally for the upgraded version V5 of EliTe®CompactSet, but it can also be retrofitted to earlier versions of SUESSEN EliTe®Compact Spinning Systems.

EliVario will enable the user to handle his EliTe®CompactSet even more efficiently and easily.

DescriptionThe EliFans are driven by a special motor that is controlled by a frequency inverter via the drive shaft that reaches through the machine. The special motor has been designed to ensure that it will always perform requiring the least amount of energy possible. And this is irrespective of whether the machines are long or short, or whether the fan speed is high or low.

When starting or stopping the machine, the frequency inverter controls acceleration and deceleration in line with predetermined parameters. When starting, it ensures that the vacuum at the suction slots is produced correspondingly early. In addition, it will enable the fan shaft to only stop when the spindles have come to a standstill after the machine has been stopped. The fan speed that the user requires can be entered on an easily accessible display. Consequently, the vacuum is infinitely adjustable over a wide range of settings.

The same display that applies for EliVario is also used for the new, optional EliVACControl V.2 monitoring system.