

NEW

Habasit – Solutions in motion



TC-20/25EF – The Refined Power Transmission Belt for an Optimal Performance



Habasit is setting new benchmarks by optimizing the traction layer construction of the proven TC-20/25EF belt.

TC-20/25EF is particularly suitable as tangential belt for applications in yarn processing.

Customers profit from:

- Outstanding flex-fatigue properties
- Up to 6% lower energy consumption compared to previous version of TC-20/25EF
- Up to 12% reduced energy consumption compared to competitors 'traditional' polyamide belts
- Highest reliability combined with long belt life
- The previous version can be replaced by optimized version without any restrictions



Energy and cost savings

Extensive field tests at leading yarn producers have proven:

- Excellent performance and machine output
- Precise and uniform speed of spindles
- Long belt service life

TC-20/25EF – the right answer against increasing energy costs

| Energy and cost savings | TC-20/25EF | TC-20/25EF optimized version |
|---|---------------|------------------------------|
| Average energy saving vs. competitors' polyamide tangential belt | 4% – 6% | 10% – 12% |
| Average energy cost savings per spindle/year | ~ 1.1 USD | ~ 2.2 USD |
| Average energy-saving potential/year in a spinning mill with 200,000 spindles | ~ 200,000 USD | ~ 400,000 USD |

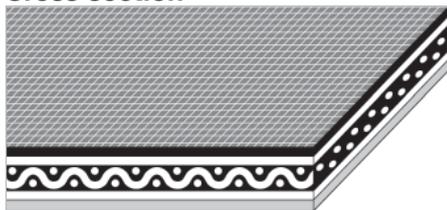
Assumptions

| | |
|--------------------------------|-------------------|
| Energy consumption per spindle | 25 W |
| Energy costs per KWh | 0.1 USD |
| Operation time | 24 hours/360 days |
| Number of spindles per plant | 200,000 |

Technical key data TC-20/25EF

| | |
|---|--------------------------------|
| Thickness | 2,5 mm <i>0.1 inch</i> |
| Tensile force (k1% after running in) | 11 N/mm <i>63 lbs./inch</i> |

Cross section



For further information, please contact your local Habasit representative: www.habasit.com

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 Publication data:
 4334FLY.PTB-en0413HQR