

NEW

Habasit – Solutions in motion



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

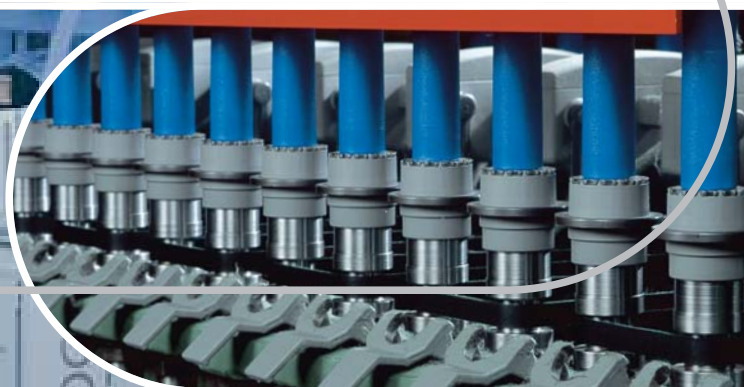


Habasit is setting new benchmarks by optimizing the traction layer construction of the proven TC-20/25EF belt.

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

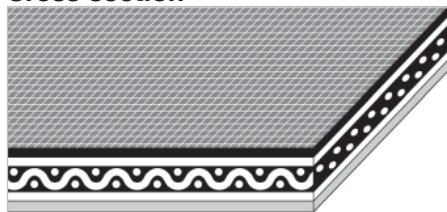
Assumptions

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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