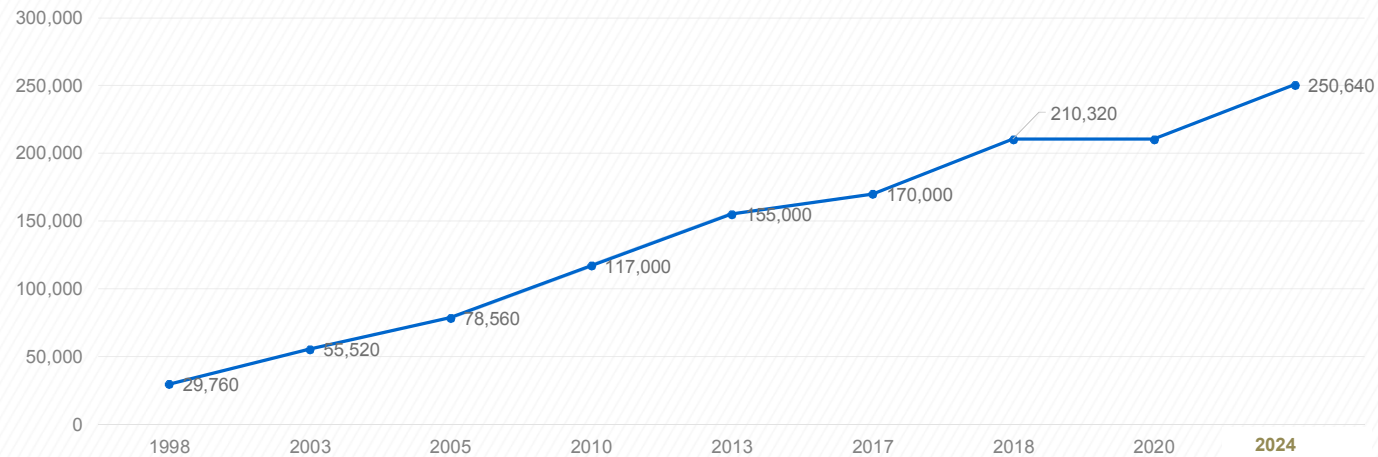


# A brief Introduction of PT Embee Plumbon Tekstil

- PT Embee Plumbon Tekstil is spinning mill situated in west Java province of Indonesia.
- PT Embee has total spinning capacity of 250000 spindles producing 5000 tons yarn every month.
- PT Embee has grown continuously over the years starting from 30000 spindles in 1999.
- PT Embee has two spinning mills in Cirebon and Majalengka.
- PT Embee is exporting yarns to 45 countries in all continents.
- PT Embee products are being used for brands like Hugo Boss, Puma, Inditex, M&S, Decathlon among others.

## SPINDLE EQUIVALENT



# Glimpse of resource saving measures at PT Embee Plumbon Tekstil

Embee has Invested in Energy Efficient Textile Machinery and Auxiliary Machines with full Automation with real time information system for whole plant.



After replaced Old Conventional Machinery with New Energy Efficient Machinery in Synthetic Process, we achieved KWH 3.05 / KG compared to KWH 3.60 / KG with conventional machines




Embee - Majalengka New Manufacturing plant for 100% Combed Cotton achieved KWH 3.15 /KG with new Energy Efficient Machines compared to conventional Machines consuming KWH 3.80/KG

# Glimpse of resource saving measures at PT Embee Plumbon Tekstil

## Rain Water Harvesting

- Embee has made three water ponds with a capacity of 16,540 M3 and 11 Ground water recharge stations to conserve rain water and use it for rest of the year.
- This rain water is used in our manufacturing plants for many purposes, including cooling Chillers , Cooling Towers and Air Conditioning Systems.







## Why spinning sector in Indonesia may experience high growth in near future?

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It is Possible to grow spinning sector in Indonesia if following points could be leveraged

- By setting up energy efficient spinning plants as Embee did in last 10 years.
  - Leveraging on reasonable labor cost by setting up mills in rural areas. Workers are disciplined as well as plenty available (especially women workers who are very diligent).
  - Leveraging reasonably priced stable power supply.
  - By focusing more on sustainable practices like solar power, rain water harvesting etc. Energy conservation should be high priority.
  - Now as Indonesian government has realized that it needs to boost textile sector due to high employment potential, it will implement Vietnam type policies to boost this sector. They have appointed Gherzi textile organization from Switzerland to formulate new policy for textile sector. Hopefully cash incentive policy for modernization of machines will also be revived. Also new textile institutes may be set up to enhance textile education in Indonesia.
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## Why spinning sector in Indonesia may experience high growth in near future?

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- Indonesia textile products enjoy better reputation than other countries due to better quality and services. This sentiment could be exploited to produce better quality premium products generating higher margins.
  - Local availability of high quality Viscose and Polyester is a boon for spinning industry.
  - Excellent infrastructure and connectivity will help spinning mills to cut logistics cost.
  - Trade agreement with various countries including Europe, USA, China, India, Korea etc will make Indonesian products more attractive in these countries.
  - Large consuming population has a good potential for local demand as a buffer for volatility in exports demand. Increase in per capita income has increased consumption level.
  - Indonesian textile industry is way ahead on learning curve as compared to Vietnam. It has developed good technical competence over the years. Technicians of different nationalities have helped Indonesian spinning industry to develop deep technical competence over the years.
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