

# Same cuts and better final fabric quality - focus on P-clearing

Field Study 100-K\_2024  
PRISMA compared to former competitor model, Ne 24

Field study results prove the majority of **YarnMaster® PRISMA** with its unique polypropylene clearing under all circumstances.

The study took place in **India** at a Loepfe customer plant to compare **YarnMaster® PRISMA** to **former competitor model** on final fabric quality with a focus on P clearing.

PRISMA is the right choice for profitable yarn clearing in the application of **100% cotton Ne 24** produced for the highest requirements.



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# 1. Overall summary

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- PRISMA reaches a **higher clearing performance** on the winding machine in P clearing
- PRISMA contributes to a **better final fabric quality** by removing justified P-faults more precisely. The difference was particularly noticeable in the long P-errors

## 2. Study set-up

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### Sensors:

- PRISMA DMFP\* compared to former competitor model CF focus on P clearing

### Location:

- Loepfe customer India

### Raw Material:

- 100% carded cotton from India Ne 24 (MCU5 and Bunny)

### Winder:

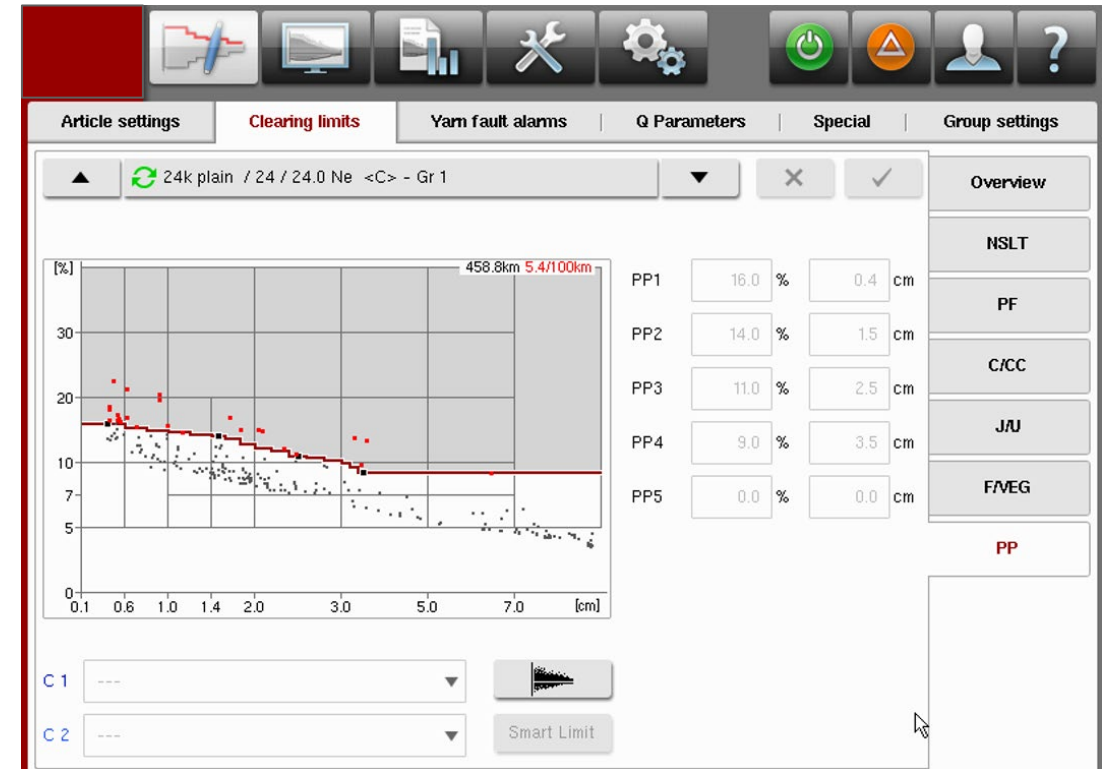
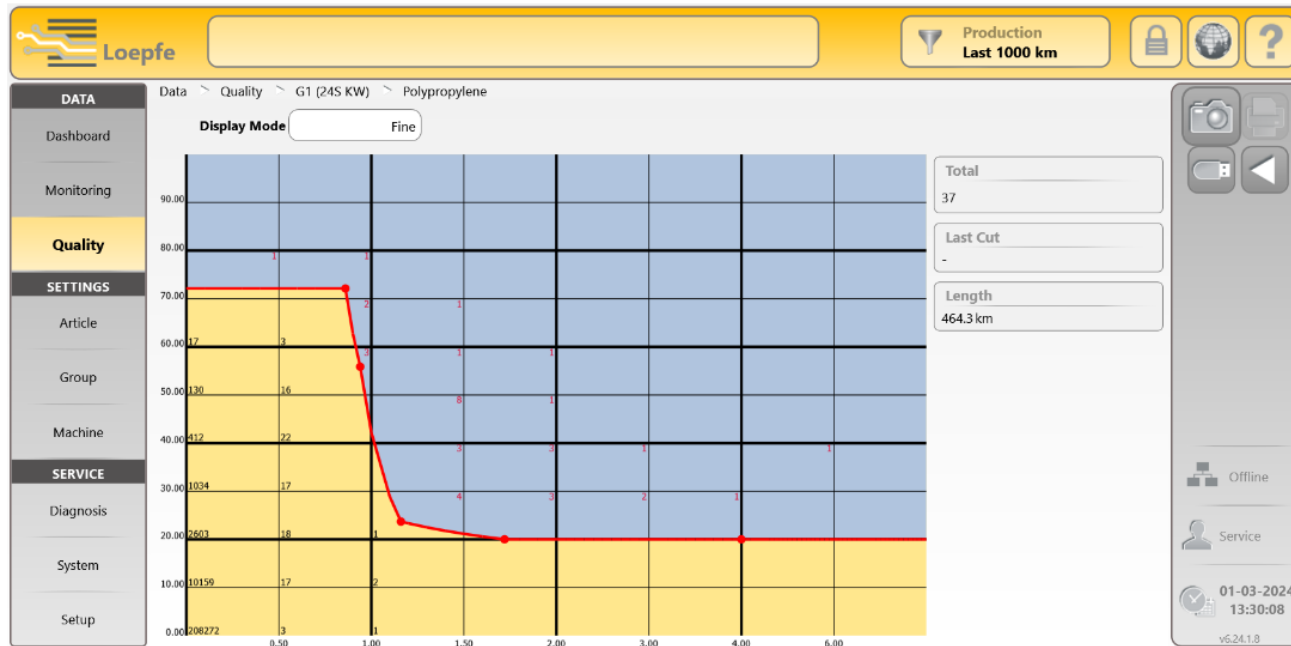
- Study was done on a Murata QPRO

### Goal:

- Same cuts and better final fabric quality - focus on P clearing

# 3. Results

- Production of 11 kg yarn and analysis of each P cut
- Settings were running about 4 shifts before doing the trials (~7 cuts/100 km on both clearers)



# 3. Results

- Quantity of 11 kg yarn as basis
- PRISMA reaches a higher clearing performance on the winding machine
- The analysis of 11 kg single jersey fabric shows a better clearing efficiency on PRISMA versus former competitor model

