NETEX Apparel

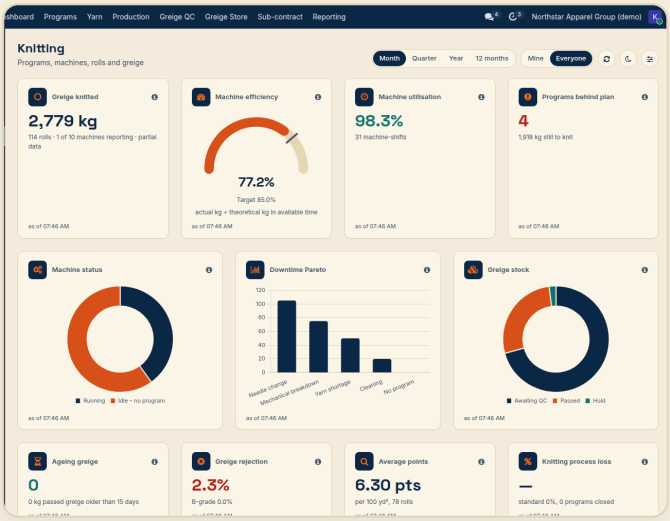
UNIT ONE-PAGER · KNITTING

Every roll, every yarn lot, *every kilo accounted for.*

The Knitting app turns fabric bookings into knitting programs, issues yarn lot by lot to the machine, records every roll at the doff station, inspects the greige with the 4-point system and keeps the greige store until the rolls go to dyeing.

What the app *does*

- **Bookings to programs** merchandising bookings become knitting programs, approved by the knitting master and shown on the planboard.
- **Yarn requisition and issue** yarn is issued to a knitting card (one program on one machine); a lot change on a running machine needs approval.
- **Trial roll and doffing** trial roll checked first; bulk rolls recorded with weight and counter reading, each carrying its yarn lots.
- **4-point greige inspection** points per 100 yd2, grade and disposition for every roll; re-knit a rejected roll.
- **Greige store** stock by status (awaiting QC, passed, hold) and issue to dyeing.
- **Beyond the floor** sub-contract knitting, collar and cuff programs, downtime, shift summaries and cost per kg of greige.



The Knitting dashboard: greige knitted, efficiency, utilisation, machine status and downtime.

Who uses it

- Knitting master / unit head: programs, approvals, closing
- Floor supervisor: machines, doffing, trial and in-process checks
- Greige QC inspector and store keeper: grading, yarn issue

A day in the unit, *step by step*

1 Booking
Fabric booking arrives with colour and kg.

2 Program
Draft, allocate machines, approve.

3 Yarn issue
Requisition accepted, yarn to the card.

4 Trial roll
Weight, GSM, width checked before bulk.

5 Doff rolls
Weight and counter reading per roll.

6 4-point check
Faults scored, roll graded.

7 Greige store
Passed rolls wait for a dye batch.

8 To dyeing
Rolls reserved and issued to the batch.

Screens show fictional demonstration data (Northstar Apparel Group (demo)).

NETEX Apparel

KNITTING · FOR THE UNIT HEAD

What you see *every morning*

On the dashboard

Greige knitted
Net kg, rolls and machines reporting.

Efficiency and utilisation
Actual against theoretical kg, run over available minutes.

Programs behind plan
Late programs and kg still to knit.

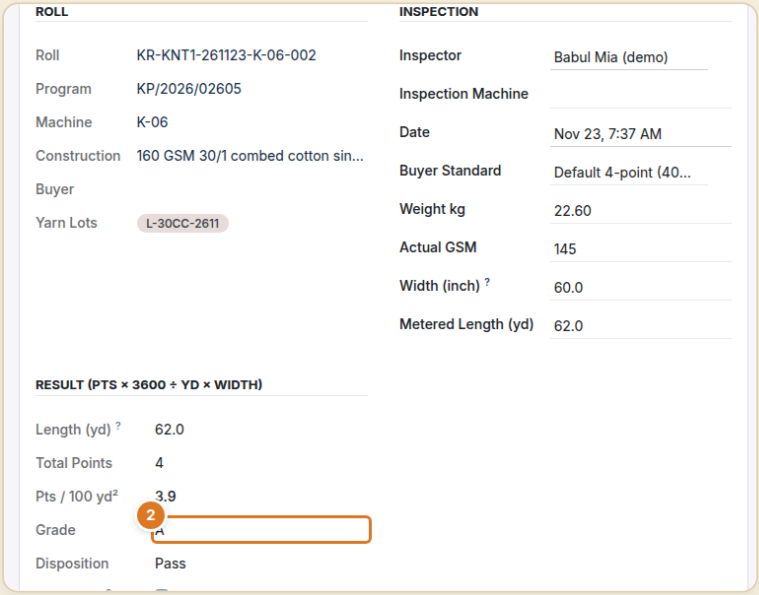
Downtime Pareto
Stop minutes by reason.

Greige stock and ageing
By status; passed greige with no dye batch.

Rejection and points
Rejected kg share; points per 100 yd2.

Process loss, weight checks
Issued less returned against greige; rolls out of weight tolerance.

Load vs capacity
Next four weeks of allocated kg.



A graded greige roll: 4-point result, points per 100 yd2, grade and disposition.

Reports and *management views*

Dashboard for the month, quarter or year, for you or everyone; click a card to open the records behind it.

Reporting: daily production, efficiency and utilisation, program status, yarn issued vs returned vs greige, process loss, fault Pareto, rejection %, greige stock and ageing, cost per kg, load vs capacity.

Pivot, chart or list for each report; Excel download and PDF print; saved favourites.

Linked to *the rest of the mill*

COMES IN FROM

- Merchandising (fabric bookings)
- Inventory yarn store
- Purchase and Spinning (yarn lots)

Knitting
ONE DATABASE, ONE LOGIN

GOES OUT TO

- Dyeing (passed greige to the batch)
- Costing (greige cost per kg)

ALSO CONNECTED

- Planning (machine capacity)
- Traceability (roll and lot genealogy)
- Maintenance (downtime request)
- Quality defect master

See Knitting *with your own mill's figures.*

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