Stellar® Software Operations Reporting

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Production Dashboard	Batch Detail	Inventory Utilization	Waste Detail	Drops Detail	Job Shipping Detail	Length History	ERP Reman Report

Date Produced
1/1/2022   3/23/2022

Stellar Database
All

Cutting Location
All

Batch Name
All

Material
All

Job Name
All

Stellar Operator
All

Country
All

State\Province
All

City
All

*Note: Only batches that have been selected in Stellar software and have had the Produce button pressed will be included in this reporting. **Make sure Stellar batches are produced daily so this reporting accurately reflects what has happened in your operations.***

Toggle between report pages depending on the specific information you're looking to review.

- **Production Dashboard**
  - Overview of Stellar® batches produced and aggregate production statistics.

- **Batch Detail**
  - Daily work order and batch counts, and detailed inventory usage.

- **Inventory Utilization**
  - Inventory lengths used in production.

- **Waste Detail**
  - Waste creation per batch cut patterns.

- **Drops Detail**
  - Comparison of created versus used drop lengths.

- **Job Shipping Detail**
  - Length and quantity of material shipped.

- **Length History**
  - Shipped materials aggregated by length and quantity.

- **ERP Reman Report**
  - Data for use with your point-of-sales program.

Stellar® Reporting

Production Dashboard

This shows your ratio between drops created in produced batches and drops pulled from the yard.

Anything over 1 means you are creating more drops than you are using.
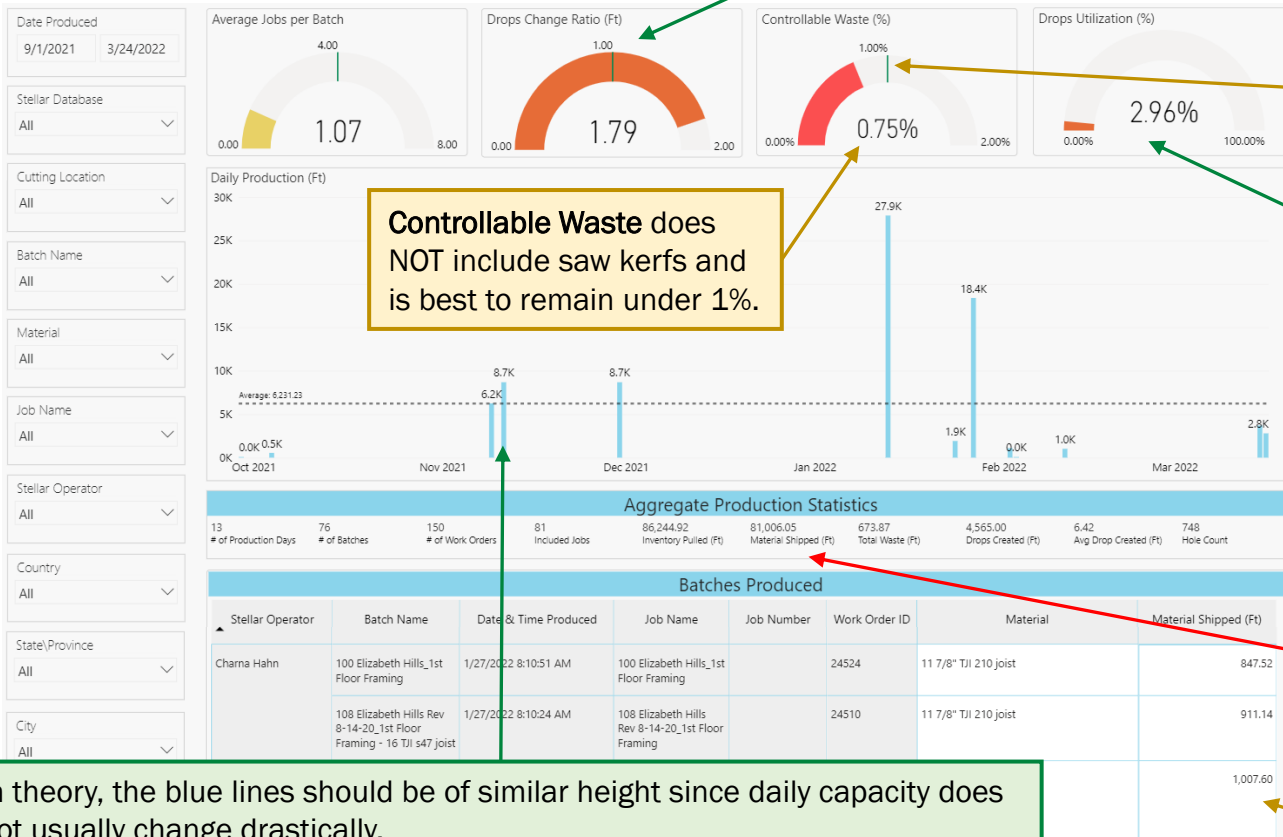
The green line in each visual represents the "sweet" spot.

Controllable Waste does NOT include saw kerfs and is best to remain under 1%.

This represents the percentage of inventory footage used in batches that was originally a drop from a previous batch.

Material Shipped should be similar to Output Footage on Equipment reports but only if batches are produced in Stellar daily.

In theory, the blue lines should be of similar height since daily capacity does not usually change drastically.

Extreme spikes could be due to a delay in producing batches in Stellar software compared to when they actually ran through the saw – you'll often see these spikes immediately after a gap on the graph.

Low numbers could be due to a lack of demand or inability to meet capacity.

Compare batch TLF to individual job TLF – note that same Work Order ID may appear on multiple jobs.

Stellar® Reporting (*cont'd*)

Batch Detail

Filtering by *Cutting Location* allows you to view saw line, yard, and jobsite batches and work orders separately.

Represents the number of *Work Orders* produced on a given day – note that this number may be higher than total batches due to multiple product types existing within a single batch.
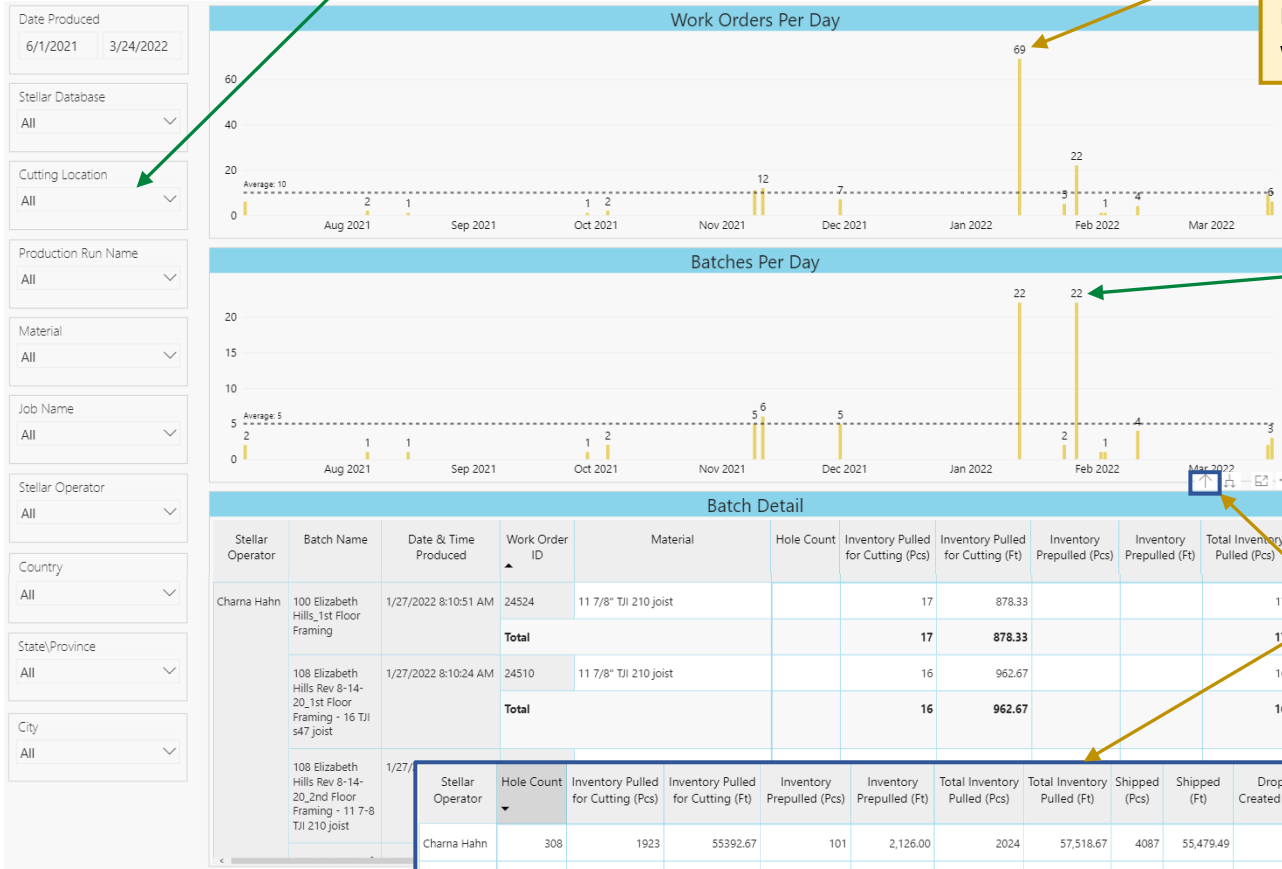
Represents the number of *Batches* produced on a given day.

Use the *Drill-Up* button to compare totals from multiple Stellar operators using consolidated batches and materials.

Date Produced: 6/1/2021 – 3/24/2022

Stellar Database: All
Cutting Location: All
Production Run Name: All
Material: All
Job Name: All
Stellar Operator: All
Country: All
State\Province: All
City: All

Work Orders Per Day

Average: 10

Batches Per Day

Average: 5

Batch Detail

Stellar Operator	Batch Name	Date & Time Produced	Work Order ID	Material	Hole Count	Inventory Pulled for Cutting (Pcs)	Inventory Pulled for Cutting (Ft)	Inventory Prepulled (Pcs)	Inventory Prepulled (Ft)	Total Inventory Pulled (Pcs)
Charna Hahn	100 Elizabeth Hills_1st Floor Framing	1/27/2022 8:10:51 AM	24524	11 7/8" TJI 210 joist	17		878.33			17
				Total	17		878.33			17
	108 Elizabeth Hills Rev 8-14-20_1st Floor Framing - 16 TJI s47 joist	1/27/2022 8:10:24 AM	24510	11 7/8" TJI 210 joist	16		962.67			16
				Total	16		962.67			16
	108 Elizabeth Hills Rev 8-14-20_2nd Floor Framing - 11 7-8 TJI 210 joist	1/27/...								

Stellar Operator	Hole Count	Inventory Pulled for Cutting (Pcs)	Inventory Pulled for Cutting (Ft)	Inventory Prepulled (Pcs)	Inventory Prepulled (Ft)	Total Inventory Pulled (Pcs)	Total Inventory Pulled (Ft)	Shipped (Pcs)	Shipped (Ft)	Drops Created (Pcs)	Drops Created (Ft)	Avg Drop Created (Ft)	Controllable Waste (%)	Controllable Waste (FT)	Total Waste (%)	Total Waste (Ft)
Charna Hahn	308	1923	55392.67	101	2,126.00	2024	57,518.67	4087	55,479.49	489	1,485.00	3.04	0.96%	551.00	0.96%	554.18
Erika Boyer		2	120.25			2	120.25	10	120.00				0.21%	0.25	0.21%	0.25
James Johnson	0	492	16298.38	12	192.00	504	16,490.38	659	15,689.75	105	744.00	7.09	0.32%	53.26	0.34%	56.62
Tina Condon	633	821	29620.04	146	2,670.00	967	32,290.04	1597	28,994.56	228	3,104.00	13.61	0.50%	160.58	0.59%	191.48

Stellar® Reporting (*cont'd*)

Inventory Utilization

Erratic data may lead to the inability to create a forecast.

Usage Forecast is based on historical data – the more history you have, the more accurate it will be to help determine replenishment quantities.

When in Forecast mode, select the *Actual Usage* button to return to return to standard view and/or choose another report.
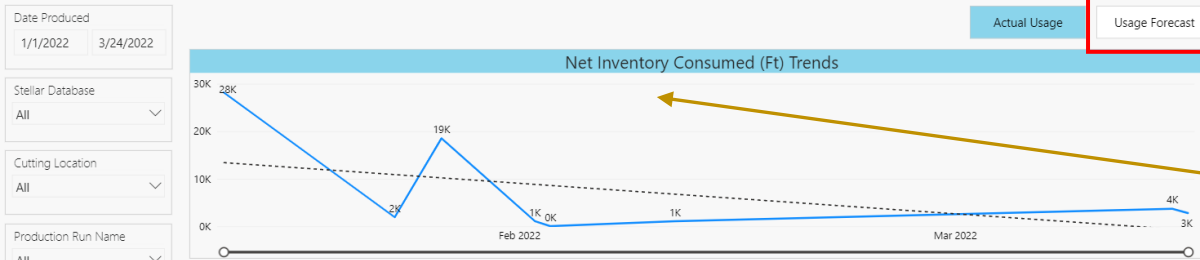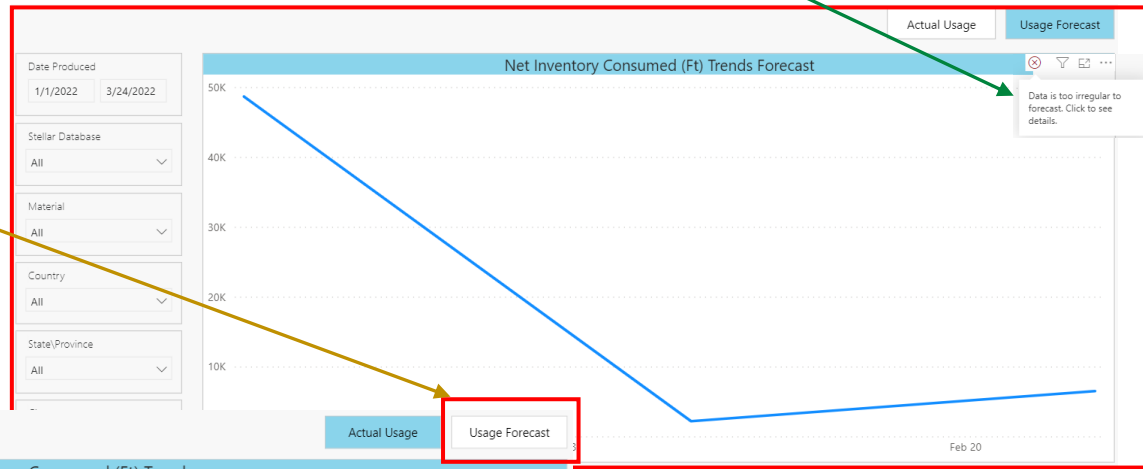
Total footage of material consumed includes shipped pieces, waste, and drop truncation.

Use the Inventory Location filter to view lengths introduced to the saw by only Infeed or only Drops locations.

Graphical trend views are available for selection only when a specific material length is selected.

These totals reflect starting lengths pulled from inventory for production. Keep in mind that some material may be returned to inventory as Drops after batches are produced.

Total quantities for Infeed location should be higher than that of Drops.

Stellar® Reporting (*cont'd*)

Waste Detail
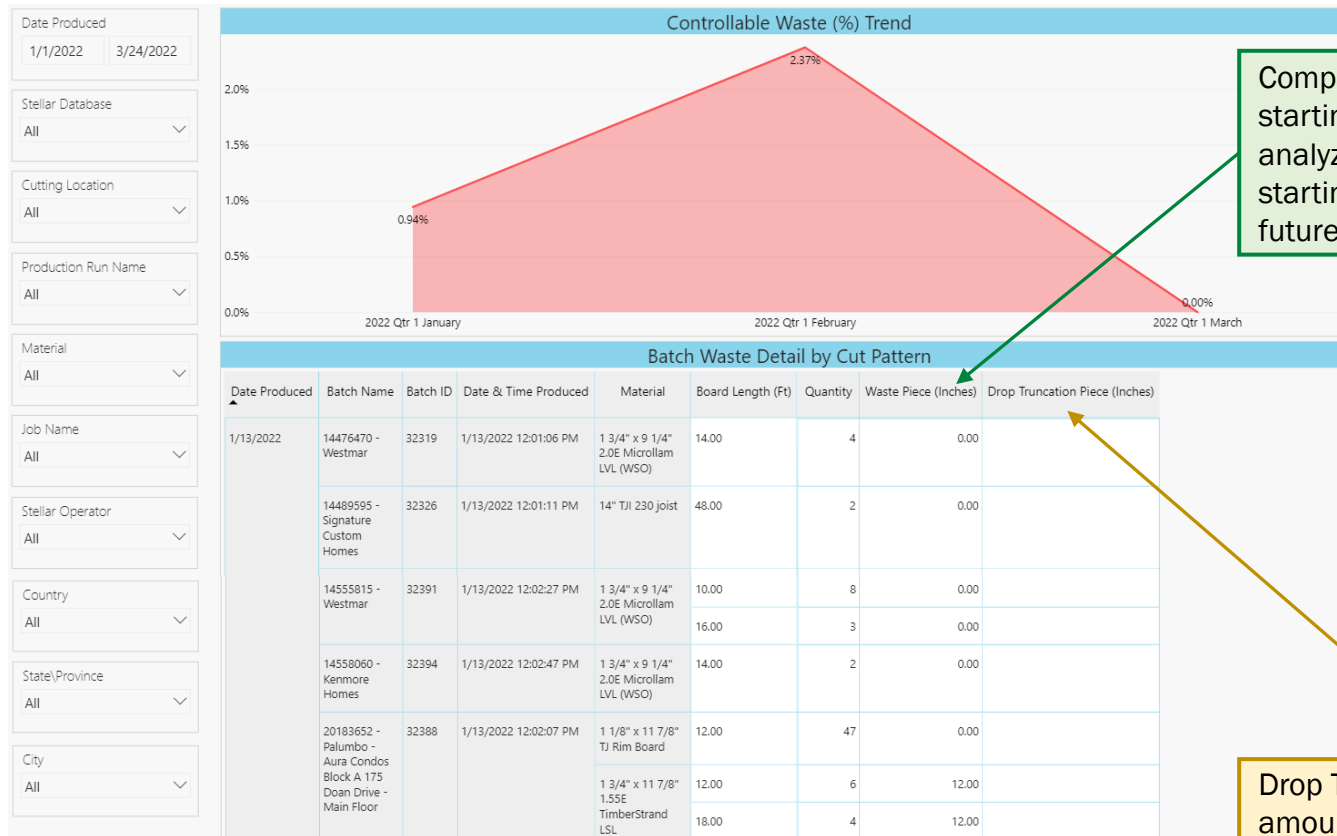
Compare length of waste to starting board length – use this to analyze whether a smaller starting length would be better for future batches.

Drop Truncation Piece is the amount of length discarded by rounding down (ie: a 12-'6" Drop board becomes 12' in your Drop inventory with 6" of truncation).

Stellar® Reporting (*cont'd*)

Drops Detail

This waterfall graph shows increases (green) and decreases (red) of drop quantities in inventory per displayed time period; the blue bar represents the total change in drops within the specified date range.

The graph for Footage is generally a better indicator of trends than Pieces.
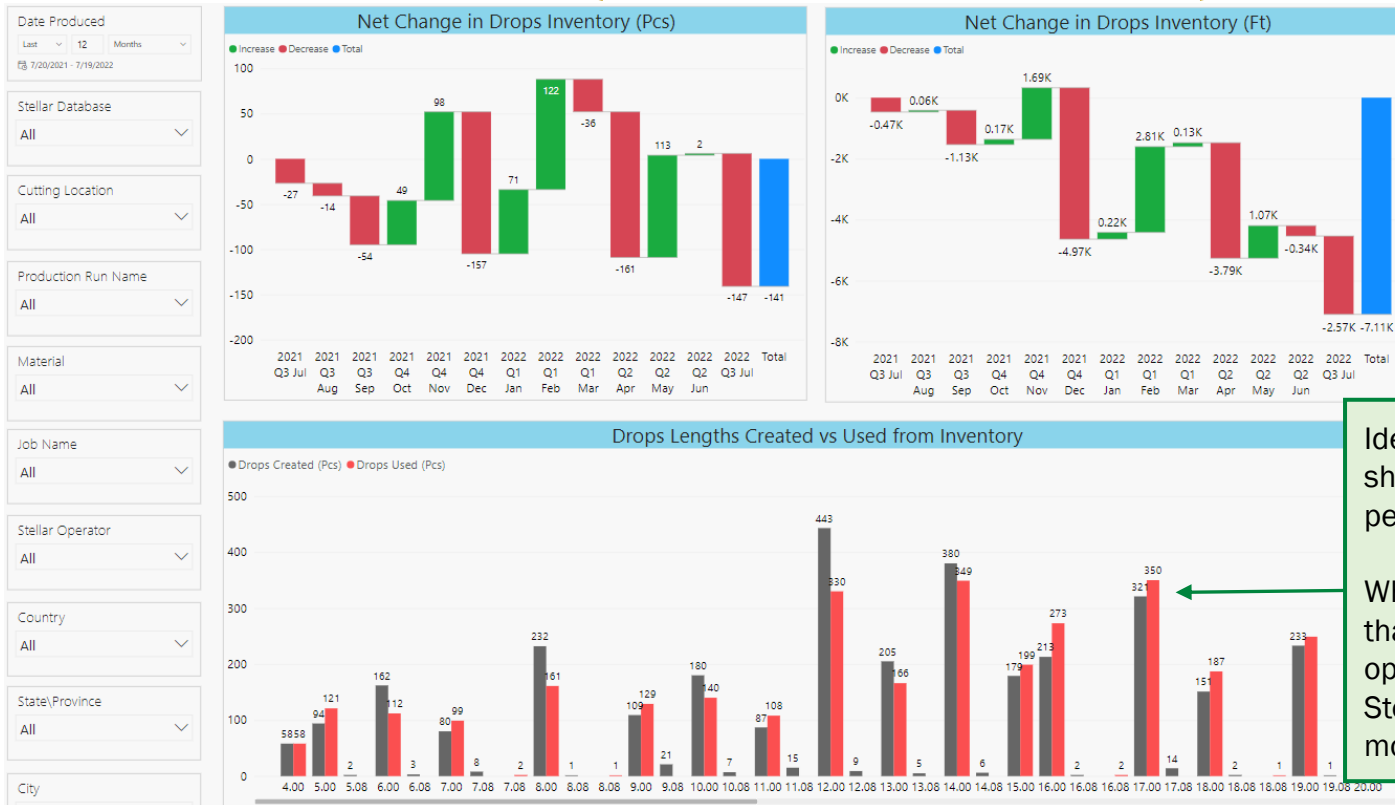
Ideally, red and grey bars should be of similar height per length and date range.

When red bars are higher than grey ones, it is an opportunity for the Stellar® operator to create more optimal drop lengths.

Stellar® Reporting (*cont'd*)

Job Shipping Detail

Increase the range of included dates if you cannot find a specific job.

Compare material/length/quantity of pieces cut from longer lengths versus prepulls.

Date Produced
1/1/2022   3/24/2022

Stellar Database
All

Cutting Location
All

Production Run Name
All

Material
All

Job Name
All

Stellar Operator
All

Country
All

State\Province
All

City
All

Job Shipping Lists

Job Name	Job Number	Material	Date & Time Produced	Batch Name	Shipped Length (Ft)	Quantity	Production Type
100 Elizabeth Hills_1st Floor Framing		11 7/8" TJI 210 joist	1/27/2022 8:10:51 AM	100 Elizabeth Hills_1st Floor Framing	29.00	3	job
					30.00	5	job
					31.00	2	job
1007460521_PO5370401		16" TJI 210 joist	1/24/2022 3:29:52 PM	1007460521_PO5370401	18.00	2	job
					20.00	5	job
					34.00	2	job
					36.00	4	job
		16" TJI 360 joist	1/24/2022 3:29:52 PM	1007460521_PO5370401	22.00	6	job
					42.00	9	job
1007605426_PO5370435		14" TJI 110 joist	1/24/2022 3:32:52 PM	1007605426_PO5370435	14.00	19	job
		14" TJI 210 joist	1/24/2022 3:32:52 PM	1007605426_PO5370435	22.00	10	job
					32.00	11	job
		14" TJI 360 joist	1/24/2022 3:32:52 PM	1007605426_PO5370435	22.00	10	job
108 Elizabeth Hills Rev 8-14-20_1st Floor Framing		11 7/8" TJI 210 joist	1/27/2022 8:10:24 AM	108 Elizabeth Hills Rev 8-14-20_1st Floor Framing - 16 TJI s47 joist	0.37	1	job
					0.56	1	job
					0.87	1	job
					1.25	1	job
					1.25	11	job
					1.37	1	job
					1.43	1	job

Search for specific jobs using the *Job Name* filter.

Stellar® Reporting (*cont'd*)

Length History

Use the "Back to report" button to return to standard view.

Select a cell in the Rounded Piece Length or Quantity columns to be able to access the **Material Shipped Trend** button and view a graph of quantities of that specific product length over the specified date range.

This shows the popularity of lengths specified per product type/size – this can be used to determine optimal inventory replenishment lengths and quantities.

This shows which lengths had more offcuts (drops).

Stellar® Reporting (*cont'd*)

ERP Reman Report

Provides add/remove list per specified date range for comparison and/or editing of ERP inventory.

Use dropdown to filter piece types, like Job or Drop material, depending on the type of changes you wish to make in your point-of-sales system.