

Scrap and yield report

All records

FIRST-PASS YIELD

93.9 %

6,914 good of 7,360 started · target 95.0 %

FINAL YIELD

96.9 %

216 unit(s) saved by rework

SCRAP COST

\$427.00

230 unit(s) scrapped — material cost only

WORST PROCESS

Press line 1

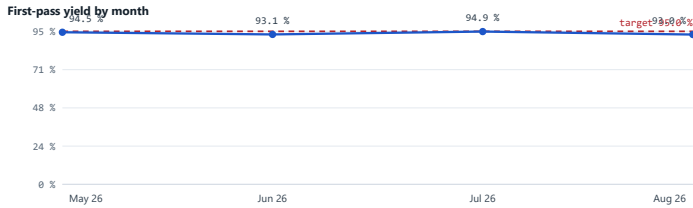
\$198.40 of scrap cost

RUNS BELOW TARGET

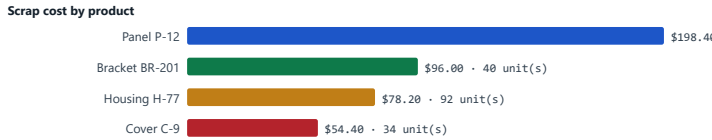
5

of 10 run(s), below 95.0 % FPY

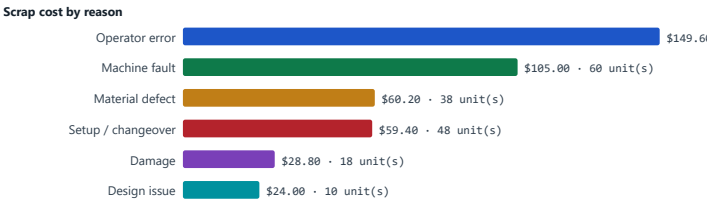
10 of 10 record(s) included. All records. Amounts in USD.



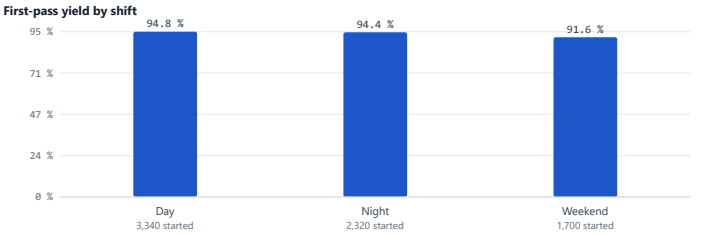
Monthly FPY is total good-first-time divided by total started in that month — not an average of run percentages, which would let small runs distort the figure. Monthly FPY is total good-first-time divided by total started in that month — not an average of run percentages, which would let small runs distort the figure.



Scrapped units multiplied by each run's unit material cost, summed per product. Scrapped units multiplied by each run's unit material cost, summed per product.



Attacking the top one or two reasons removes more cost than working down the list alphabetically. Reasons with no scrap cost are not shown. Attacking the top one or two reasons removes more cost than working down the list alphabetically. Reasons with no scrap cost are not shown.



A consistent gap between shifts usually points at handover, supervision, training or maintenance timing rather than at the people. A consistent gap between shifts usually points at handover, supervision, training or maintenance timing rather than at the people.

Worst runs by scrap cost

DATE	PRODUCT	PROCESS	SCRAPPED	REASON	SCRAP COST	FPY
2026-06-10	Panel P-12	Press line 1	40	Operator error	\$124.00	90.0 %
2026-07-02	Panel P-12	Press line 1	24	Machine fault	\$74.40	94.0 %
2026-05-13	Bracket BR-201	CNC milling — cell 2	18	Material defect	\$43.20	92.4 %
2026-05-20	Housing H-77	Injection moulding	36	Machine fault	\$30.60	95.0 %
2026-08-04	Housing H-77	Injection moulding	36	Setup / changeover	\$30.60	93.0 %
2026-06-25	Cover C-9	Paint line	18	Damage	\$28.80	92.0 %
2026-05-27	Bracket BR-201	CNC milling — cell 2	12	Setup / changeover	\$28.80	95.3 %
2026-07-28	Cover C-9	Paint line	16	Operator error	\$25.60	95.0 %
2026-07-16	Bracket BR-201	CNC milling — cell 2	10	Design issue	\$24.00	96.0 %
2026-06-18	Housing H-77	Injection moulding	20	Material defect	\$17.00	96.2 %

Per-process summary

PROCESS	RUNS	STARTED	FPY	FINAL YIELD	SCRAP COST
Press line 1	2	1,550	91.9 %	95.9 %	\$198.40
CNC milling — cell 2	3	1,470	94.6 %	97.3 %	\$96.00
Injection moulding	3	3,100	94.8 %	97.0 %	\$78.20
Paint line	2	1,240	93.5 %	97.3 %	\$54.40
All processes	10	7,360	93.9 %	96.9 %	\$427.00

Production run register

DATE	PRODUCT	PROCESS	SHIFT	STARTED	GOOD	REWORK	SCRAP	UNIT COST	REASON	TEAM	FIRST-PASS YIELD	FINAL YIELD	SCRAP COST
2026-05-13	Bracket BR-201	CNC milling — cell 2	Day	500	462	20	18	\$2.40	Material	Team A	92.4 %	96.4 %	\$43.20
2026-05-20	Housing H-77	Injection moulding	Night	1,200	1,140	24	36	\$0.85	Machine	Team C	95.0 %	97.0 %	\$30.60
2026-05-27	Bracket BR-201	CNC milling — cell 2	Day	450	429	9	12	\$2.40	Setup	Team A	95.3 %	97.3 %	\$28.80

DATE	PRODUCT	PROCESS	SHIFT	STARTED	GOOD	REWORK	SCRAP	UNIT COST	REASON	TEAM	FIRST-PASS YIELD	FINAL YIELD	SCRAP COST
2026-06-10	Panel P-12	Press line 1	Weekend	800	720	40	40	\$3.10	Operator	Weekend crew	90.0 %	95.0 %	\$124.00
2026-06-18	Housing H-77	Injection moulding	Day	1,000	962	18	20	\$0.85	Material	Team B	96.2 %	98.0 %	\$17.00
2026-06-25	Cover C-9	Paint line	Night	600	552	30	18	\$1.60	Damage	Team C	92.0 %	97.0 %	\$28.80
2026-07-02	Panel P-12	Press line 1	Day	750	705	21	24	\$3.10	Machine	Team B	94.0 %	96.8 %	\$74.40
2026-07-16	Bracket BR-201	CNC milling — cell 2	Night	520	499	11	10	\$2.40	Design	Team C	96.0 %	98.1 %	\$24.00
2026-07-28	Cover C-9	Paint line	Day	640	608	16	16	\$1.60	Operator	Team A	95.0 %	97.5 %	\$25.60
2026-08-04	Housing H-77	Injection moulding	Weekend	900	837	27	36	\$0.85	Setup	Weekend crew	93.0 %	96.0 %	\$30.60

Notes

Sample data — replace every run with your own before relying on the figures or circulating this report.

This is a record-keeping and calculation aid. Every yield and cost figure is only as accurate as the quantities and unit costs entered. Scrap cost here is material cost only — it excludes labour, machine time, energy and disposal unless you build those into the unit cost yourself. Aggregate yields are computed from summed quantities, not averaged percentages, but they still cannot correct for miscounted parts or runs that were never logged.