Plate Cost Amortization

How-to guide: what the workbook does, how to use it and what every number means. mfgcalcs.com

Plate Cost Amortization

Charge every print job its share of plate imaging and proofing, and see the plate cost per 1,000 labels against what the customer is billed.

For: Label and packaging converters' estimators, prepress managers and customer service teams quoting plate charges.

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Quick start

1. On Setup, type your company and currency, the near band, and list your plate types with their imaging cost per plate.
2. On Jobs, give each job a row: label, plate type, plates, runs to amortise over, proofing charge, run length and the plate charge billed.
3. Fix anything the Check column names.
4. Open the Dashboard: plate cost against the charge billed, and plate cost per 1,000 labels.

What is in the workbook

Start Here	Read this first: what the workbook does and how to use it.
Setup	Company, currency, the near band, and the plate types with their imaging cost per plate.
Jobs	One row per print job: plates, runs to amortise over, proofing and the charge billed in; plate cost per run and per 1,000 labels out.
Dashboard	Plate cost charged to every job against the plate charge billed, and what plates add per 1,000 labels.
Method	How every number is calculated, with assumptions, limits and sources.
Verify	Self-check: the workbook's formulas recomputed on fixed inputs against an independent reference.

What each number means

Quantity	How it is calculated	Units
Share charged	1 / runs to amortise over.	%
Plate imaging charged	Plates x imaging cost per plate x share charged.	currency
Plate cost charged	Plate imaging charged + proofing.	currency
Cost per plate and per 1,000 labels	Plate cost charged / plates; / run length x 1,000.	currency

Quantity	How it is calculated	Units
Unrecovered and status	Plate cost - charge billed when positive; On target when the charge covers the cost, Near target within the near band.	currency, -

Assumptions, limitations, sources and the self-check (the Verify sheet, which recomputes the workbook's formulas on fixed test inputs) are in the workbook. The last page shows the Dashboard with the example data for Fenwick Labels, a fictional business.

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Engineering estimates for planning and improvement work. Verify the results against your own process, data and standards before you rely on them.

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Plate cost charged to every job against the plate charge billed, and what plates add per 1,000 labels.

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Fenwick Labels (example): 8 jobs, 44 plates, 338,000 labels. Amounts in USD.

JOBS	PLATE COST CHARGED	PLATE CHARGES BILLED	NOT RECOVERED
8	1,774	1,550	253
Rows on Jobs	Imaging share + proofing	To customers	Plate cost above the charge billed

Plate cost against charge billed

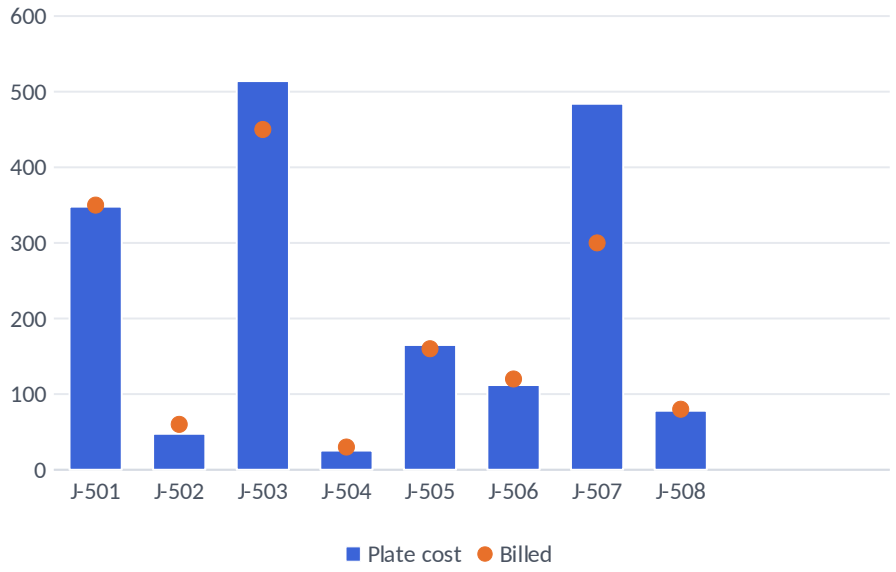


Plate cost per 1,000 labels

