Galvanizing Cost Log

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

Galvanizing Cost Log

Log every load sent for hot-dip galvanizing and see cost per pound, minimum charges, extras and invoice differences by job, galvanizer and week.

For: Fabrication shop owners, purchasing and cost accountants, and project managers who send steel out for galvanizing and recharge it to jobs.

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Quick start

1. On Setup, type your company name, currency and invoice tolerance, then your galvanizers (rate per pound and minimum charge) and jobs.
2. On Galvanizing Log, add one row per load: date, galvanizer, ticket, job, black weight and the chargeable weight billed.
3. Type a quoted rate only when the load was quoted differently, any extras, and the invoiced amount when the invoice arrives.
4. Read the Check and Invoice columns, then use the Dashboard filters to look at one job, one galvanizer or one month.

What is in the workbook

Start Here	Read this first: what the workbook does and how to use it.
Setup	Your company and currency, the invoice tolerance, and the galvanizers and jobs the log uses.
Galvanizing Log	One row per load sent for galvanizing: weights, rate, minimum, extras and the invoice check.
Dashboard	What galvanizing cost, per pound and in total, for the galvanizers, jobs and dates you choose, and which invoices to query.
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.
About MFG Calcs	Everything MFG Calcs offers, free: calculators, templates, tariff tools, data and the Calkee AI helper.

What each number means

Quantity	How it is calculated	Units
Black and chargeable weight	Typed per row: the weight you shipped and the weight the galvanizer billed.	lb

Quantity	How it is calculated	Units
Rate used	The quoted rate typed on the row, or the galvanizer's rate from Setup.	currency/lb
Weight charge	Chargeable weight x rate used.	currency
Minimum top-up	MAX(minimum charge - weight charge, 0).	currency
Processing charge	Weight charge + minimum top-up: the greater of the weight charge and the minimum charge.	currency
Total cost	Processing charge + extras.	currency
Cost per lb	Total cost / chargeable weight; on the Dashboard, the sum of total cost / the sum of chargeable weight.	currency/lb
Weight gain	(Chargeable weight - black weight) / black weight, for rows with a black weight; on the Dashboard, summed weights first.	%
Invoice variance and status	Invoiced - total cost; Matches within the Setup tolerance, Query invoice beyond it, Awaiting invoice when blank.	currency
Dashboard roll-ups	Every figure is a SUMIFS or COUNTIFS over the log restricted to rows whose View date is filled in (inside the filters); weeks run Monday to Sunday.	-

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 Brannock Steelworks, 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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What galvanizing cost, per pound and in total, for the galvanizers, jobs and dates you choose, and which invoices to query.

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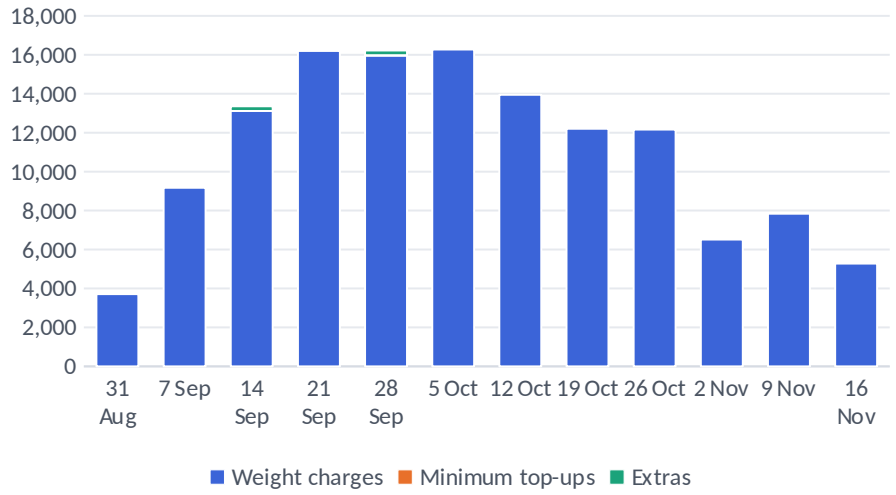
Galvanizer		From	
Job		To	

Showing 37 loads. Leave the filters blank to include everything; dates are inclusive. Money in USD.

GALVANIZING COST (USD)	COST PER LB (USD)	CHARGEABLE WEIGHT (LB)	LOADS
133,043	**0.4563**	**291,560**	**37**
Processing charges + extras	Total cost / chargeable weight	As billed by the galvanizers	Weigh tickets in view

Galvanizing cost by week



Galvanizing cost by job

