

# Epson Solvent Ink Costings



## Epson Solvent Print Costs

When selling printers, the most common question across all printers; how much ink does it use? The rule of thumb is if you cover a sheet of A4 paper in ink it would use ROUGHLY 1-2mls of ink. This is clearly determined by what you are printing and what media you are printing to and what printer you are using. However it is a great place to start and works well for lots of printers, but if you have a signage printer the A4 sheet isn't always a workable size reference.

Epson have two tools available that measure how much ink you are using for each job, LFP Accounting Tool & Epson Cloud Port Solution. They both break down usage to each colour to give you great insight on what your jobs are using and let you accurately cost up your work. While you aren't going to change your costings for every job it will give you an average across some of your regular work and you can check your costs against that.

The first option to use is Epson LFP Accounting Tool available to download from their website: <http://tech.epson.com.au/downloads/index.asp> navigate to your printer and then download from the link provided.

LFP Accounting tool sits locally on your network and pulls data from your printer directly. You can put ink and media costing into the tool and then get a detailed report. The image below is the data from a run of 3,000 stickers which were a 60mm logo mostly yellow in colour. It used 6.10m<sup>2</sup> of media and 41.81mls of ink, which is 6.85ml per m<sup>2</sup> for this particular job. We have costings loaded in our tool and it comes out at \$30.11 ex GST. Which is 1c per sticker.

The screenshot shows a window titled "Detailed Job Info" with the following data:

Job Info			
Job Name	300up.pdf		
User Name	CraigHesse		
Host Name	DESKTOP-A07LHLH	Start Time	3/06/2022 1:12:11 PM
Source	Roll paper	Completion Time	3/06/2022 1:47:15 PM
Job Status	Completed	Printing Time	00:35:04

Media Cost Info		Ink Cost Info		Information on Other Costs	
Media Type	METAMARK MDL100	Black	2.27 ml \$ 0.65	Total \$ 0.00	
Width	1.363 mm	Yellow	35.91 ml \$ 10.21		
Length	4.473 mm	Magenta	3.46 ml \$ 0.98		
Media Usage	6.10 m <sup>2</sup>	Cyan	0.17 ml \$ 0.05		
Cost	\$ 18.22	Total 41.81 ml \$ 11.89		Total Cost	
				Media Cost \$ 18.22	
				Ink Cost \$ 11.89	
				Other Costs \$ 0.00	
				Total \$ 30.11	

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The second option to track usage is Epson Cloud Solution Port. This is available via Epson’s website <https://port.epson.com/ea/> The team at Graphic Arts Supplies can assist you setting this up.

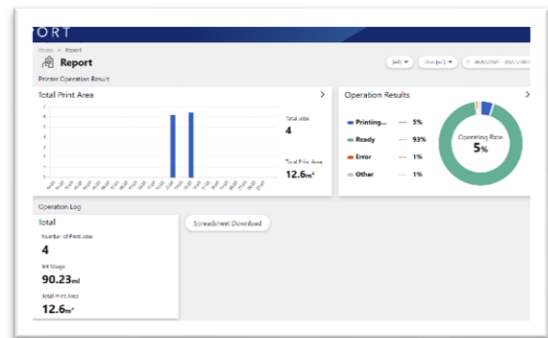
This tool is cloud based so you will be able to access your data on the move. While this method gives you the same per ml data (See below image) it doesn’t track your costings like the LFP Accounting tool.

Printed	Start	End	Term	Operation Log	Name	Serial #	Model	Media Type	Successfully Completed Job	Printed Area(m <sup>2</sup> )	Unit Price	Ink Consumption Information	Subtotals	C(ml)	Unit Price	Subtotals	M(ml)	Unit Price	Subtotals	Y(ml)	Unit Price	Subtotals	
	6/03/2022	6/03/2022	1	All	All	All	Other Media		3	7.68	8.9	1.26	46										
	6/03/2022	6/03/2022	1	All	All	All	Total		3	7.68	8.9	1.26	46										
	6/03/2022	6/03/2022	1	540500	WARESC-540500	WARESC-540500	5cOther Media		3	7.68	8.9	1.26	46										
	6/03/2022	6/03/2022	1	540500	WARESC0075	540500	WARESC0075																

Successfully Completed Ink Consumption Information														
Name	Serial Number	Model	Host Name	Printed Area(m <sup>2</sup> )	BK/Bk(ml)	Unit Price	Subtotals	C(ml)	Unit Price	Subtotals	M(ml)	Unit Price	Subtotals	Y(ml)
540500	WARESC0075	WARESC0075	SC-540500 Series	0.07	0.03			0.03			0.03			0.0
540500	WARESC0075	WARESC0075	SC-540500 Series	6.1	2.27			0.17			3.46			35.9
540500	WARESC0075	WARESC0075	SC-540500 Series	0	0			0			0			0

Epson Cloud Solution Port does give you the option of live tracking of all your printers and their status. You also have access to reports in graph and summary form as per image on the right for a quick an easy view.



The Port Option also gives you options to run multiple printers on one spreadsheet so you can compare against each other, or as a total.

Getting back to the original question, “How much ink does it use?” Looking at the data from our showroom demo machine we have done 91 jobs, used 64.43m<sup>2</sup> of media and 369.14mls of ink.

I drilled further and took out the nozzle checks and setup prints which makes it 59 Jobs, using 62.51m<sup>2</sup> & 365.51mls of ink. This equates to only 5.85mls per m<sup>2</sup> or \$1.66 ex GST per m<sup>2</sup> (pricing current 1<sup>st</sup> Sept 2022)

This is based on our demo room printing data. Your printing may yield different results give or take. For comparison I also have data from a 9-month period from a 4 colour Epson in a busy print shop and it is running at 5.88ml per m<sup>2</sup>

To browse our other Help Files, please head to Graphic Arts Supplies Help Centre <https://graphicartshelp.zendesk.com/hc/en-us>