



Cover

Supplier Selection

Scenario Analysis

Make VS. Buy

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Supplier Selection

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Widgetmakers, Inc

Lowest Cost supplier

Part_Numb...

☐ P0380

☒ P0604

☐ P0622

Volume

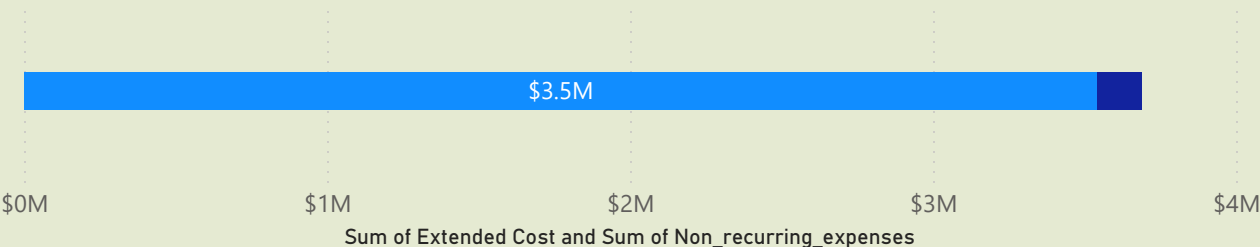
☐ 1000

☐ 2000

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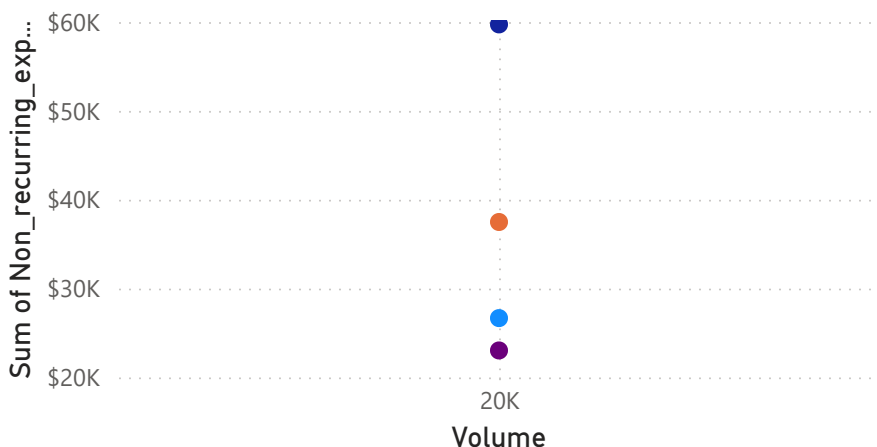
Cost break Down

Sum of Extended Cost Sum of Non_recurring_expenses



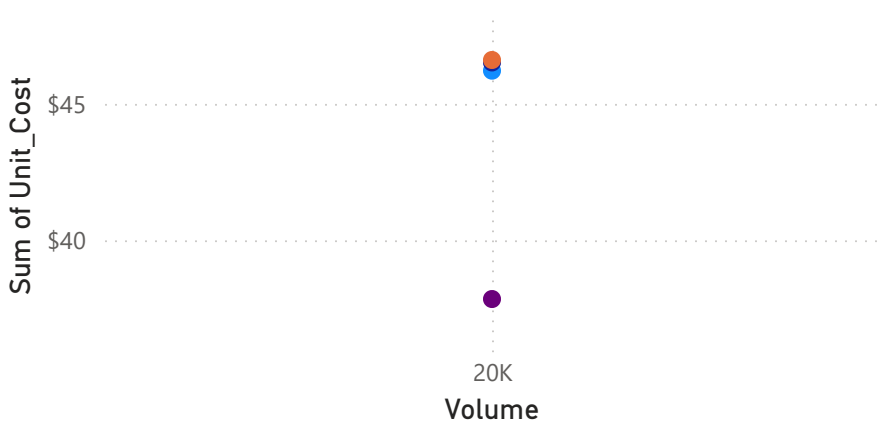
Sum of Non_recurring_expenses by Volume and Supplier

Supplier Expellio Ringo Nova UCell, We Make Widgetmakers, ...



Sum of Unit_Cost by Volume and Supplier

Supplier Expellio Ringo Nova UCell, We Make Widgetmakers, ...



Supplier	Part_Number	Sum of Volume	Sum of Non_recurring_expenses	Sum of Unit_Cost	full cost
Widgetmakers, Inc	P0604	20000	\$23,025.56	\$37.84387	\$779,902.9
UCell, We Make	P0604	20000	\$37,486.6	\$46.60715	
Ringo Nova	P0604	20000	\$59,730.64	\$46.51711	\$990,072.8
Expellio	P0604	20000	\$26,666.84	\$46.21587	\$
Total		80000	\$146,909.64	\$177.184	

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\$9.97K

Sum of Non_recurring_expenses

Part_Number

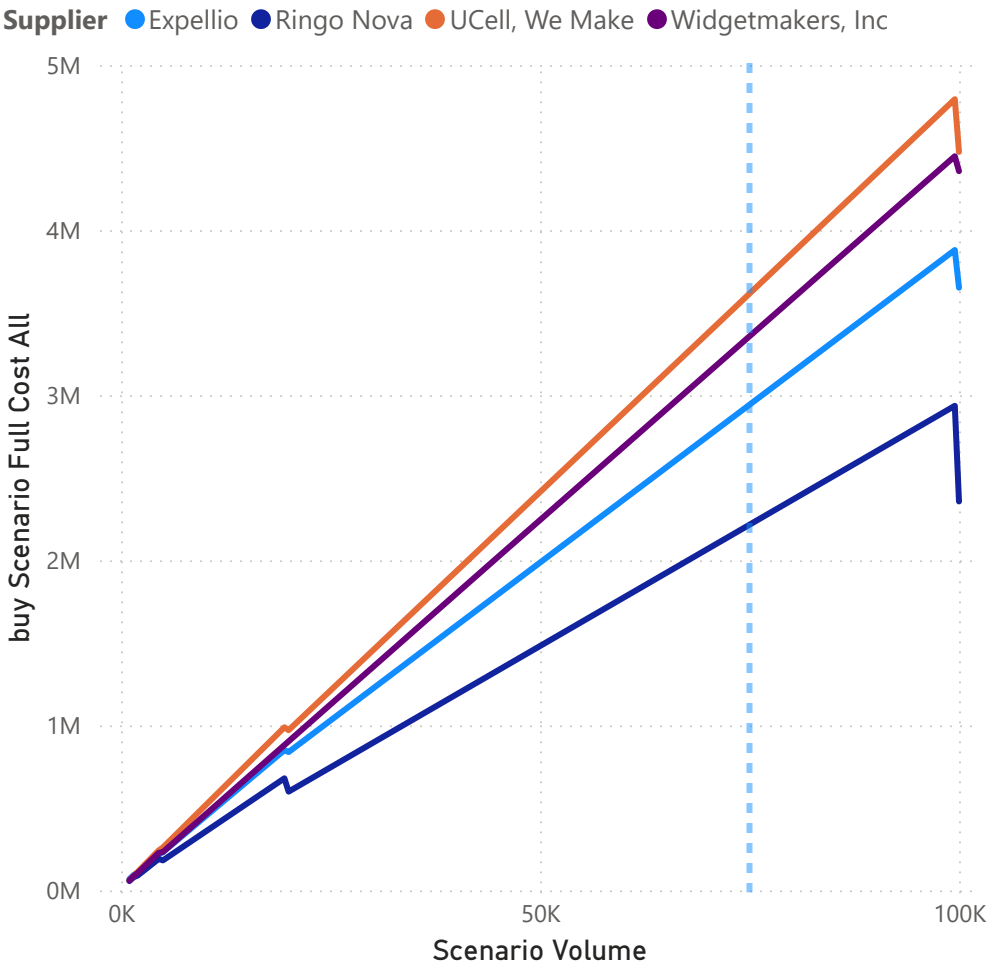
- ☐ P0380
- ☐ P0604
- ☐ P0622
- ☐ P0706
- ☐ P0914
- ☒ P1010
- ☐ P1125
- ☐ P1227
- ☐ P9091

Supplier	Part_Number	BUY Scenario Full Cost
Expellio	P1010	2,941,804.22
Ringo Nova	P1010	2,214,952.55
UCell, We Make	P1010	3,614,792.60
Widgetmakers, Inc	P1010	3,356,322.32
Total		2,214,952.55

Scenario Volume

75000

buy Scenario Full Cost All by Scenario Volume and Supplier



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Scenario Analysis

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Scenario Volume

75000

Part_Number	Part_Name	Machine_Model	Existing_Capacity	Unit_Capacity	Additional unit Capacity Required	Capital Investment Required (Make)	make Scenario Full Cost
P1010	Bewpittros	Lathe23	39273	8002	35,727	\$5,000,000	5,123,975.00
P9091	Furronaw	Lathe23	29760	13224	45,240	\$4,000,000	4,347,925.00
P0380	Stepner	Lathe23	51007	20963	23,993	\$2,000,000	2,061,125.00
P1125	Dewgodur	3D Printer79	1472	304	73,528	\$1,210,000	1,814,950.00
P1227	Degunkifier	3D Printer79	850	500	74,150	\$745,000	986,500.00
P0604	Grotop	3D Printer79	476	1072	74,524	\$350,000	478,175.00
P0706	Porlity	3D Printer79	1854	1141	73,146	\$325,000	423,925.00
P0622	Inperfusionator	Lathe23	240000	1000	0	\$0	17,250.00
P0914	Chattlecrat	Lathe23	240000	1000	0	\$0	73,500.00
Total					0	\$0	17,250.00

Part_Number	Part_Name	Machine_Model	Cost Avoidance	BUY Scenario Full Cost
P0380	Stepner	Lathe23	2,044,776.03	16,348.97
P0604	Grotop	3D Printer79	2,154,763.78	2,632,938.78
P0622	Inperfusionator	Lathe23	863,539.86	880,789.86
P0706	Porlity	3D Printer79	332,196.92	91,728.08
P0914	Chattlecrat	Lathe23	511,215.09	584,715.09
P1010	Bewpittros	Lathe23	2,909,022.45	2,214,952.55
P1125	Dewgodur	3D Printer79	1,343,362.03	471,587.97
P1227	Degunkifier	3D Printer79	425,797.71	560,702.29
P9091	Furronaw	Lathe23	3,423,099.60	924,825.40
Total			901.03	16,348.97

BUY Scenario Full Cost by Supplier and Part_Number

