Financial Statement - Forecasting and Investement/Project Valuation

In forecasting, assumptions and supporting data are required. It can also be transformed into an interactive dashboard with a visual graph.

ncome Statement	Jan	Feb	Mar	YTD Mar	Apr	May	Jun YTI	O Jun	Jul	Aug	Sep	Oct	Nov	Dec	VTD Dec ¹ 22	YTD Dec'23	2024	2025
_	.55.524	150.708	151.451	457.683	180.619	152.964		943.688	69.388	121.349	117.309	169.318	189.318	193.861	1.804.229			
COGS 1	33.404	125.070	128.708	387.182	157.069	129.951	125.765	799.966	57.344	107.182	104.026	148.651	164.901	168.876	1.550.945	2.081.763	3.153.402	4.035.
Gross Profit GPM	22.120 14,2%	22.620 15,0%	23.185 15,3%	70.501 15,4%	23.270 12,9%	21.058 13,8%	23.847 15,6%	138.677 14,7%	11.797 17,0%	14.166 11,7%	13.283 11,3%	20.667 12,2%	24.417 12,9%	24.985 12,9%	247.994 13,7%	297.164 12,5%		
Operating Expense	6.682	9.386	7.218	23.286	8.635	6.837	6.947	45.705	8.050	8.275	8.275	8.275	8.275	8.275	95.129	125.770	•	
Opex to Sales	4,3%	6,2%	4,8%	5,1%	4,8%	4,5%	4,6%	4,8%	11,6%	6,8%	7,1%	4,9%	4,4%	4,3%	5,3%	5,3%	4,7%	4
Operating Profit OPM	15.438 9,9%	13.234 8,8%	15.967 10,5%	47.216 10,3%	14.635 8,1%	14.221 9,3%	16.900 11,1%	92.972 9,9%	3.747 5,4%	5.892 4,9%	5.008 4,3%	12.393 7,3%	16.143 8,5%	16.710 8,6%	152.865 8,5%	171.394 7,2%		
	19.879	17.655	19.148	56.682	18.889	18.550	-	117.946	7.964	10.162	9.330	16.767	20.570	21.190	203.930	234.706	-	
nterest Income	27	195	82	303	161	86	172	723	3.757	2.739	2.508	2.450	2.068	1.852	16.098	18.676		
nterest Expense	-4.568	-5.014	-4.912	-14.495	-6.216	-5.665	-7.908	-34.284	-5.750	-4.298	-3.870	-3.841	-3.486	-1.846	-57.374	-29.579		
Others Profit Before Tax	356 11.117	-977 7.690	678 11.980	57 33.364	842 9.457	402 9.221	540 9.665	1.842 61.707	697 2.555	0 4.333	0 3.646	0 11.002	0 14.725	0 16.717	2.539 114.685	0 160.491	-	
ax Expense	4.835	4.402	4.844	14.081	5.528	4.505	4.739	28.853	2.440	3.640	3.519	5.080	5.680	5.816	55.028	71.368		
let Income	6.282	3.288	7.135	19.283	3.930	4.716	4.926	32.854	115	692	127	5.923	9.045	10.901	59.657	89.123	314.277	360.
Net Income Margin	4,0%	2,2%	4,7%	4,2%	2,2%	3,1%	3,2%	3,5%	0,2%	0,6%	0,1%	3,5%	4,8%	5,6%	3,3%	3,7%	8,4%	7
Depreciation	4 400	4 4 4 5	2.020	44 202	2.062	4.055	4.020	22.240	2 027	2 004	4.022	4.006	4.420	4 404	47 505	F0 222	04.020	07
OGS Opex	4.198 243	4.145 277	2.939 241	11.282 761	3.962 292	4.066 263	4.029 318	23.340 1.634	3.827 390	3.981 289	4.033 289	4.086 289	4.138 289	4.191 289	47.595 3.470	59.322 3.990		
otal	4.441	4.422	3.180	12.043	4.254	4.329	4.347	24.974	4.217	4.270	4.322	4.375	4.427	4.480	51.065	63.312	86.517	102.
Statement of Financial	Position	1						 	2022									
Account		Ja	an	Feb	Mar	Apr	May	Jun		ul	Aug	Sep	Oct	N	lov l	Dec	2023	2024
Cash and cash equivaler	nt		9.106	59.419	63.121	54.00		1		34.755	626.942						I I	1.578.8
Account Receivable Other Receivable			0.747 9.864	260.676 111.582	259.378 113.641					97.469 22.258	202.248 122.258					58.481 22.258	415.019 122.258	524.1 122.2
Due From Customer			3.852	721.411	752.695			Į.		96.277	647.194					97.899	726.283	917.2
nventories			3.846	8.264	9.131	11.87	8.75	4 8.7	54	2.393	2.393	2.39	3 2.	393	2.393	2.393	2.393	2.3
Advance payments			8.477	181.549	202.583					10.518	214.383					23.101	518.773	655.1
Retention Receivable Prepaid expenses			8.345 6.410	83.340 26.618	87.173 7.720					72.153 51.760	177.978 51.760					93.861 51.760	456.521 51.760	576.5 51.7
rogress Under Constru	ıction			313.308	332.201			i		35.962	385.195					17.200	324.074	282.7
Total Current Assets		1.67	6.795 1.	766.166	1.827.643	1.834.87	3 1.981.69	1 2.591.0	34 2.55	3.545	2.430.352	2.369.51	1 2.477.	117 2.46	58.309 2.4	80.995	3.806.870	4.711.1
nvestment			3.497	3.750	5.655					15.005	15.005					15.005	15.005	15.0
Fixed Asset Other Asset			3.713 5.055	325.320 15.023	333.401 15.029					16.843 15.121	350.073 15.121					62.469 15.121	15.121	690.1 15.1
OTAL ASSETS							1 2.355.46										4.439.636	
Account Payable Trade				427.880	468.620			I		18.999	518.048						I I	1.681.3
Others Payable Customers' deposits			6.000 4.144	36.212 408.044	36.375 402.511	47.72 387.39				34.918 56.742	34.918 423.038					34.918 06.627 1	34.918 1.051.134	34.9 1.345.0
Accrued expenses			9.132	18.567	22.498					18.968	18.968					18.968	18.968	18.9
axes payable		2	1.575	27.393	26.485	28.66	2 29.69	28.8	62 2	25.882	25.882	25.88	2 25.	882 2	25.882	25.882	25.882	25.8
Bonds and bank loans -			0	62.975	241.975					0.000	250.000					30.000	330.000	440.0
Total Current Liabilitie .oans	S			350.000	200.000		200.00			20.000	176.000				41.093 1.4 44.000	91.898 2	2.774.820 3 0	3.546.1
ost Employment Bene	fit		5.085	15.685	16.185					18.185	18.185					18.185	18.185	18.1
.easing		8	7.472	86.261	83.536	80.91	2 77.96	5 75.1	.46 7	72.205	70.205	68.20	66.	205 6	54.205	62.205	25.470	16.9
/INORITY INTEREST			651	830	486	-62				-1.814	-1.814				-1.814	-1.814	-1.814	-1.3
otal Liabilities							5 1.680.40								65.669 1.5		2.816.661	
apital Stock aid In Capital			0.000 1.796	50.000 231.796	50.000 231.796					70.000 08.252	70.000 808.252				70.000 08.252 8	70.000 308.252	70.000 808.252	70.0 808.:
etained earnings				394.614	401.262			i		98.178	398.870					24.866	744.724	973.
iabilities + Equity		2.00	9.059 2.	110.258	2.181.728	2.202.62	2.355.46	4 2.962.8	43 2.93	30.515	2.810.552	2.752.88	9 2.863.	620 2.8	57.885 2.8	373.591	4.439.637	5.431.
latio								 										
otal Debt		43	7.472	499.235	525.511	530.88	627.96	5 635.1	.46 55	52.205	496.205	450.20	5 394.	205 34	48.205 2	92.205	355.470	456.9
Vorking Capital		67	8.615	724.359	762.900	760.51	5 796.32	783.5	89 68	36.638	685.912	651.27	8 693.	579 70	07.481 7	08.412	75.618	-70.4
let Debt to Equity			0,55	0,65	0,68	0,7	1 0,7	7 -0,	.02	-0,10	-0,10	-0,1	3 -(0,10	-0,09	-0,09	-0,51	-0
ebt to Equity			0,65	0,74	0,77	0,7	9 0,9	3 0,	50	0,43	0,39	0,3	5 (),31	0,27	0,22	0,22	0
tatement of Carl II						2022		ı						2022			I	
tatement of Cash Flow	Jan	Feb	Mar	Apr	May J	ın Jul	Aug	Sep	Oct	Nov	Dec YTD	Dec'22 J	an F	2023 eb M	lar Apr	YTD Dec'2	23 2024	202
BITDA /orking Capital	19.879 8.816	20.674 -66.874	18.706 -20.342			L.446 8.8 2.449 98.9		9.330 34.634	16.767 -42.301	20.570 -13.902					1.836 12.0 1.082 -17.5			
ax Expense	-4.835	-4.402	-20.542 -4.844			1.739 -2.4			-5.080	-5.680					4.442 -4.9			
et Interest Expense apex	-4.541 -8.093	-4.820 -16.028	-4.831 -11.262			7.735 -1.9 2.632 -1.1			-1.390 -7.500	-1.418 -7.500		-41.282 106.384 -1	-918 7.500 -1		1.014 -1.1 7.500 -17.5			
F From Operating	11.224					5.110 102.2			-39.504	-7.929					2.203 -29.1			
ree Cash Flow				-14.493 -4		5.110 102.2		31.584						0.252 -32				
eginning Cash	60.671	69.105	59.419	63.121			44 684.754	626.942	612.526	517.022			4.043 44	8.976 416	6.724 372.5	21 414.04	437.130	1.189.
dd on Capital oan	-2.790	61.764	26.275	5.376		5.455 7.181 -82.9	41 -12.000	-2.000	-12.000	-2.000	-12.000	596.455 71.943 1	8.000 -1	2.000 -12	2.000 -2.0	00 -24.00	0 00 87.265	101.

Investment/Project Valuation

Range of annual cash

Machine

The annual cash inflows for each of the machines is -\$2.000 (initial investment minus optimistic cash inflows) to \$1.000 for machine A and -\$1.800 (initial

investment minus optimistic cash inflows) to \$1.200 for Machine B

Machine C Machine D

NPV calculation Pessimistic Scenario Most likely Optimistic Machine Investment Machine A Machine B Machine Investment Machine A Machine B Machine Investment Machine A Machine B 3.000 Initial investment 3.000 -Initial investment 3.000 Initial investment 3.000 3.000 3.000 Period (year) Period (year) Period (year) Cash inflow annuity 400 Cash inflow annuity 750 Cash inflow annuity 1.200 500 1.000 Discount Rate Discount Rate Discount Rate NPV 4.373 72 -542 NPV 1.608 1.608 NPV 3.145 **NPV** range

The NVP range for each of the two machines is \$72 to \$3.145 for machine A and -\$542 to \$4.373 for Machine B

Cost	-\$2.350	-\$2.700								
Annual Benefits	\$900	\$1.000								
Economic Life (year)	3	4								
Terminal Value	\$400	\$350								
Required rate of return	9%	9%								
NPV and ANPV of Machi	ne C				NPV and ANPV of Machine	D				
Year	0	1	2	3	Year	0	1	2	3	4
Cost	-\$2.350				Cost	-\$2.700				
Cash inflow Annuity		\$900	\$900	\$900	Cash inflow Annuity		\$1.000	\$1.000	\$1.000	\$1.000
Terminal Value				\$400	Terminal Value					\$350
Net Cash Flow	-\$2.350	\$900	\$900	\$1.300	Net Cash Flow	-\$2.700	\$1.000	\$1.000	\$1.000	\$1.350
Discount Rate	9%	9%	9%	9%	Discount Rate	9%	9%	9%	9%	9%
Present Value	-\$2.350	\$826	\$758	\$1.004	Present Value	-\$2.700	\$917	\$842	\$772	\$956
Net Present Value	\$237				Net Present Value	\$788				
Annualized NPV	\$94				Annualized NPV	\$243				