

FLUJO DE CAJA ANUAL	Momento	AÑOS				
	0	1	2	3	4	5
Inversión	- \$3.480.745,99					
Accidentes		\$239.456,00	\$239.456,00	\$838.096,00	\$239.456,00	\$2.873.472,00
Beneficio en inyección		\$1.039.156,43	\$1.484.509,18	\$1.484.509,18	\$1.484.509,18	\$1.484.509,18
Venta plástico molido		\$1.348.027,35	\$1.925.753,36	\$1.925.753,36	\$1.925.753,36	\$1.925.753,36
Mantenimiento		- \$133.217,02	- \$144.906,58	- \$144.906,58	- \$144.906,58	- \$144.906,58
Aumento del consumo eléctrico		- \$35.800,02	- \$51.142,89	- \$51.142,89	- \$51.142,89	- \$51.142,89
Diferencia de mano de obra		- \$397.569,76	- \$567.956,80	- \$567.956,80	- \$567.956,80	- \$567.956,80
Flujo de fondos	- \$3.480.745,99	\$2.060.052,98	\$2.885.712,27	\$3.484.352,27	\$2.885.712,27	\$5.519.728,27
VAN por período	- \$3.480.745,99	- \$1.686.317,92	\$137.715,13	\$1.726.821,42	\$2.681.854,52	\$3.997.276,34

Tasa de interés (i)	34%
Tasa de descuento (d)	25%
TIR	74%
VAN	\$3.997.276,34

Tasa de interés mensual	3%
Tasa de descuento mes	3%

FLUJO DE CAJA MENSUAL AÑO 1	MESES										TOTAL	
	1	2	3	4	5	6	7	8	9	10		
Inversión	- \$1.708.943,86	- \$796.857,25	- \$974.944,89									- \$3.480.745,99
Accidentes	0	0	0				\$239.456,00					\$239.456,00
Beneficio en inyección	0	0	0	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$1.039.156,43
Venta plástico molido	0	0	0	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$1.348.027,35
Mantenimiento	0	0	0	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$109.837,90	- \$133.217,02
Aumento del consumo eléctrico	0	0	0	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$35.800,02
Diferencia de mano de obra	0	0	0	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$397.569,76
Flujo de fondos	- \$1.708.943,86	- \$796.857,25	- \$974.944,89	\$275.219,76	\$275.219,76	\$275.219,76	\$514.675,76	\$275.219,76	\$275.219,76	\$275.219,76	\$169.278,39	\$2.060.052,98
VAN por período	- \$1.708.943,86	- \$2.480.432,99	- \$3.394.290,82	- \$3.144.528,18	- \$2.902.716,78	- \$2.668.603,50	- \$2.244.736,67	- \$2.025.292,21	- \$1.812.833,81	- \$1.686.317,92	- \$1.686.317,92	- \$1.686.317,92

FLUJO DE CAJA MENSUAL AÑO 2	MESES										TOTAL	
	1	2	3	4	5	6	7	8	9	10		
Inversión												\$0,00
Accidentes					\$239.456,00							\$239.456,00
Beneficio en inyección	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$1.484.509,18
Venta plástico molido	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$1.925.753,36
Mantenimiento	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$3.896,52	- \$109.837,90	- \$144.906,58
Aumento del consumo eléctrico	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$5.114,29	- \$51.142,89
Diferencia de mano de obra	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$56.795,68	- \$567.956,80
Flujo de fondos	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$514.675,76	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$169.278,39	\$2.885.712,27
VAN por período	- \$1.487.171,51	- \$1.294.364,96	- \$1.107.696,46	- \$926.970,58	- \$599.762,73	- \$430.360,58	- \$266.351,38	- \$107.563,46	\$46.169,43	\$137.715,13	\$137.715,13	\$137.715,13

FLUJO DE CAJA MENSUAL AÑO 3	MESES										TOTAL	
	1	2	3	4	5	6	7	8	9	10		
Inversión												\$0,00
Accidentes					\$419.048,00	\$419.048,00						\$838.096,00
Beneficio en inyección	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$1.484.509,18
Venta plástico molido	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$1.925.753,36
Mantenimiento	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$109.837,90	-\$144.906,58
Aumento del consumo eléctrico	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$51.142,89
Diferencia de mano de obra	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$567.956,80
Flujo de fondos	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$694.267,76	\$694.267,76	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$169.278,39	\$3.484.352,27
VAN por período	\$281.815,58	\$421.328,56	\$556.400,12	\$687.171,65	\$1.006.553,23	\$1.315.767,23	\$1.434.442,73	\$1.549.340,17	\$1.660.579,82	\$1.726.821,42	\$1.726.821,42	

FLUJO DE CAJA MENSUAL AÑO 4	MESES										TOTAL	
	1	2	3	4	5	6	7	8	9	10		
Inversión												\$0,00
Accidentes					\$239.456,00							\$239.456,00
Beneficio en inyección	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$1.484.509,18
Venta plástico molido	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$1.925.753,36
Mantenimiento	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$109.837,90	-\$144.906,58
Aumento del consumo eléctrico	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$51.142,89
Diferencia de mano de obra	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$567.956,80
Flujo de fondos	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$514.675,76	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$275.219,76	\$169.278,39	\$2.885.712,27
VAN por período	\$1.831.091,14	\$1.932.041,41	\$2.029.777,91	\$2.124.402,94	\$2.295.723,49	\$2.384.419,61	\$2.470.292,07	\$2.553.430,77	\$2.633.922,72	\$2.681.854,52	\$2.681.854,52	

FLUJO DE CAJA MENSUAL AÑO 5	MESES										TOTAL	
	1	2	3	4	5	6	7	8	9	10		
Inversión												\$0,00
Accidentes			\$478.912,00	\$478.912,00	\$478.912,00	\$478.912,00	\$478.912,00	\$478.912,00	\$478.912,00			\$2.873.472,00
Beneficio en inyección	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$148.450,92	\$1.484.509,18
Venta plástico molido	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$192.575,34	\$1.925.753,36
Mantenimiento	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$3.896,52	-\$109.837,90	-\$144.906,58
Aumento del consumo eléctrico	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$5.114,29	-\$51.142,89
Diferencia de mano de obra	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$56.795,68	-\$567.956,80
Flujo de fondos	\$275.219,76	\$275.219,76	\$754.131,76	\$754.131,76	\$754.131,76	\$754.131,76	\$754.131,76	\$754.131,76	\$754.131,76	\$275.219,76	\$169.278,39	\$5.519.728,27
VAN por período	\$2.757.303,10	\$2.830.349,75	\$3.024.133,46	\$3.211.748,01	\$3.393.389,82	\$3.569.249,03	\$3.739.509,72	\$3.904.350,13	\$3.962.593,35	\$3.997.276,34	\$3.997.276,34	