

ESTIMATED SAVINGS - INLINE WATER ACTIVITY SYSTEM

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|---|---|--------------------------|----------------------|
| Production capacity per extruder line | | 70.000 Tonne/year | |
| Sales cost of extruded product | | 700 €/Tonne | |
| Operation costs | (Fixed and Variable costs) | 85 €/Tonne | |
| Rework (all raw materials recycled) | (Percentage of total operations costs) | 5,00 % | 297.500 €/year |
| Rework caused by Water activity | (Percentage of total rework costs) | 10,00 % | 29.750 €/year |
| Customer claims costs | (Percentage of total sales costs) | 0,30 % | 147.000 €/year |
| Customer claims caused by Water activity | (Percentage of total claim costs) | 10,00 % | 14.700 €/year |
| Present manual sampling, testing & analysis costs | (Percentage of total sales costs) | 0,02 % | 9.800 €/year |
| Operation cost for inline sampler | (Percentage of total sales costs) | 0,01 % | 4.900 €/year |
| Total annual savings | | | 49.350 €/year |
| Capital investment | (Purchasing price, shipment & installation) | | 45.000 € |
| Payback | (Capital investment/Savings x 12) | | 11 months |
| ROI (Return On Investment) | (Savings/Capital investment x 100) | | 110 % |

