

Die Separator

Return on Investment (ROI) Calculator

Manual Material Rethreading Labor Data		
Hourly Labor Burden		
Number of die changes (rethreads) per shift		
Number of shifts per day		
Number of working days per week		
Number of working weeks in a year		
Current manual material rethread speed (in minutes)		minutes
Number of employees needed for manual material rethread		
Labor cost per manual material rethread		
Labor cost per shift conducting manual material rethreading		/shift
Labor cost per day conducting manual material rethreading		/day
Panel Revenue Data		
Average quantity of panels produced per minute		panels
Average amount of revenue per panel		
Lost panel production per die change due to rethreading		
Lost panel production per shift due to rethreading		panels /shift
Lost panel production per day due to rethreading		/day
Lost daily revenue due to rethreading		/day
Totals		
Daily lost labor & revenue for manual material rethreading		/day
Annual lost labor & revenue for manual material rethreading		/year

Material Scrap Data		
Average amount of scrap generated with each rethread		feet
Cost of material per foot		/foot
Scrap cost per shift due to manual material rethreading		
Scrap cost per day due to manual material rethreading		/day
Scrap cost per year due to manual material rethreading		/year

**Annual savings using a
Reed City Group Die Separator**

