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Powered Possibilities are Endless

Sample ROI Calculations

Pushing 2000kg Trolleys in Factory	
Staff used for trolley movement	4 (2 pushing and 2 steering)
Cost of labour per hour	$32.00
Time of each trip from A to B (min)	Average 5min
Number of trips per day	10 with 1 trolley
Number of working days	20
COST OF CURRENT METHOD * Involves Manual Pulling & Pushing	$2130.00
****Many Repetitive strain injuries are cause by tasks such as regularly moving trolleys****	
Moving the 2000kg Trolleys using a Tug	
Staff used per movement with tug	1
Cost of labour per hour	$32.00
Time of each trip from A to B (min)	Average 2 min (includes time to hitch the trolley)
Number of trips per day	5 with 2 trolleys (Move multiple trolleys per trip)
Number of working days	20
COST OF NEW METHOD * Eliminates Pulling & Pushing	**$106.00**
****Less manual effort will also reduce worker fatigue and improve your employees wellbeing****	
Monthly Labour Savings	**$2,024.00**
Yearly Labour Savings	**$24,288.00**
Cost of Powered Device	**$14,000.00**
Pay off period is less than 7 months!	
PLUS – Avoid just one injury and potentially save an average additional expense of $19,000.00!!	

Calculations for manual method:
Cost of labor per month = 4 people x $32.00hr ÷ 60 rate per min $2.13
Time used per month = (5 x 10) = 50 min
Cost = $2.13 x 50 = $106.50 per day x 20 days = $2130.00 per month

Calculations for tow device:
Cost of labor per month = 1 person x $32.00hr ÷ 60 rate per min $0.53
Time used per month = (2 x 5) = 10 min
Cost = $0.53 x 10 = $5.30 per day x 20 days = 106.00 per month

Annual savings using a towing device:
Monthly Labor Savings = $2130 - $106 = $2024 or $2024 x 12 = $24,288 per year

N.B. Data is general and to be used as a guide only, send us your data and we can accurately calculate ROI.

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