



Sample ROI Calculations

MOVING GRAVEL MANUALLY USING A WHEELBARROW

Staff used per trip	1
Cost of labour per hour	\$32.00
Number of trips per day	80
Time of each trip (min)	2 min
Number of working days	20
COST OF CURRENT METHOD * Involved pushing	\$1,696.00

*****Many Repetitive strain injuries are caused by tasks such as regularly moving loads in wheelbarrows*****

MOVING GRAVEL USING A BATTERY POWERED WHEELBARROW

Staff used per trip	1
Cost of labour per hour	\$32.00
Number of trip per day	80
Time of each trip (min)	1 min
Number of working days	20
COST OF NEW METHOD * Eliminates pushing	\$848.00

******Less manual effort will also reduce worker fatigue and improve your employees wellbeing******

Monthly Labour Savings	\$848.00
Yearly Labour Savings	\$10,176.00
Cost of Powered Device	\$8,950.00

Pay off Period is less than 12 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 = 1 people x \$32.00/hr ÷ 60 rate per min \$0.53
 Time used per month = (2 x 80) = 160 min
 Cost = \$0.53 x 160 = \$84.80 per day x 20 days = \$1,696.00 per month

Calculations for Lifting device:
 Cost of labor per month = 1 person x \$32.00/hr ÷ 60 rate per min \$0.53
 Time used per month = (1 x 80) = 80 min
 Cost = \$0.53 x 80 = \$42.40 per day x 20 days = \$848.00 per month

Annual savings using a towing device:
 Monthly Labor Savings = \$1696 - \$848 = \$848 or \$848 x 12 = \$10,176 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.
 Email sales@warequip.com.au