



Sample ROI Calculations

Pushing Trolleys Carrying Plant Trays

Staff used for trolley transport	2
Cost of labour per hour	\$32.00
Time of each trip from A to B (min)	Average 15min
Number of trips per day	12 with 1 trolley
Number of working days	20
COST OF CURRENT METHOD * Involves Manual Pulling & Pushing	\$3816.00

****Many Repetitive strain injuries are caused by tasks such as regularly moving trolleys****

Moving The Trolley Using A Taylor Dunn Ride On Vehicle

Staff used per trip	1
Cost of labour per hour	\$32.00
Time of each trip from A to B (min)	Average 9 min (Due to higher speed)
Number of trips per day	4 with 3 trolleys (Move multiple trolleys per trip)
Number of working days	20
COST OF NEW METHOD * Eliminates Pulling & Pushing	\$381.60

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

Monthly Labour Savings	\$5194.00
Yearly Labour Savings	\$62,328.00
Cost of Powered Device	\$12,000.00

Pay off period is less than 6 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 = 2 people x \$32.00/hr ÷ 60 per min = \$1.06
 Time used per month = (12 x 15) = 180 min
 Cost = \$1.06 x 180 = \$190.80 per day x 20 days = \$3816.00 per month

Annual savings using a Taylor Dunn unit:

Monthly Labor Savings = \$3816 - \$381.60 = \$3434.40 or \$3434.40 x 12 = \$41,212.80 per year

Calculations for Taylor Dunn Unit:

Cost of labor per month = 1 person x \$32.00/hr ÷ 60 per min = \$0.53
 Time used per month = (4 x 9) = 36 min
 Cost = \$0.53 x 36 = \$19.08 per day x 20 days = \$381.60 per month

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



Sample ROI Calculations

Manually Moving Refuse & Recycle Bins

Staff used for bin transport	1
Cost of labour per hour	\$32.00
Time of each trip from A to B (min)	Average 4min
Number of trips per day	50 with 2 bins
Number of working days	20
COST OF CURRENT METHOD * Involves Manual Pulling & Pushing	\$2120.00

****Many Repetitive strain injuries are cause by tasks such as regularly moving bins****

Moving The Bins Using A Taylor Dunn Ride On Vehicle

Staff used per trip	1
Cost of labour per hour	\$32.00
Time of each trip from A to B (min)	Average 3min (Higher speed, but more bins to load)
Number of trips per day	25 with 4 Bins (Move multiple bins using a trailer)
Number of working days	20
COST OF NEW METHOD * Mostly Eliminates Pulling & Pushing	\$795.00

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

Monthly Labour Savings	\$1325.00
Yearly Labour Savings	\$15,900.00
Cost of Powered Device with trailer	\$14,000.00

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 person x \$32.00hr ÷ 60 per min \$0.53
 Time used per month = (4 x 50) = 200 min
 Cost = \$0.53 x 200 = \$106.00 per day x 20 days = \$2120.00 per month

Annual savings using a Taylor Dunn unit:

Monthly Labor Savings = \$2120 - \$795 = \$1325.00 or \$1325.00 x 12 = \$15,900.00 per year

Calculations for Taylor Dunn Unit:

Cost of labor per month = 1 person x \$32.00hr ÷ 60 rate per min \$0.53
 Time used per month = (3 x 25) = 75 min
 Cost = \$0.53 x 75 = \$39.75 per day x 20 days = \$795.00 per month

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Sample ROI Calculations

Moving Parts Stillage's On A Production Line With A Forklift

Staff used per trip	1
Cost of labour per hour	\$32.00
Time of each trip from A to B (min)	Average 4min per stillage
Number of trips per day	100
Number of working days	20
COST OF CURRENT METHOD *Involves a licenced driver	\$4240.00

****Forklifts have been proven to be one of the most dangerous devices where people are present ****

Moving The Stillage's Using A Taylor Dunn Ride On Vehicle

Staff used per Trip	1
Cost of labour per hour	\$32.00
Time of each trip from A to B (min)	Average 5min (More Stillage's to load)
Number of trips per day	20 with 5 Stillage's (Move multiple Stillage's per trip)
Number of working days	20
COST OF NEW METHOD * No licence required	\$1060.00

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

Monthly Labour Savings	\$3180.00
Yearly Labour Savings	\$38,160.00
Cost of Powered Device with 5 trailers	\$27,000.00

Pay off period is less than 9 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 person x \$32.00hr ÷ 60 rate per min \$0.53
 Time used per month = (4 x 100) = 400 min
 Cost = \$0.53 x 400 = \$212.00 per day x 20 days = \$4240.00 per month

Annual savings using a Taylor Dunn unit:

Monthly Labor Savings = \$4240 - \$1060 = \$3180.00 or \$3180.00 x 12 = \$38,160.00 per year

Calculations for Taylor Dunn Unit:

Cost of labor per month = 1 person x \$32.00hr ÷ 60 rate per min \$0.53
 Time used per month = (5 x 20) = 100 min
 Cost = \$0.53 x 100 = \$53 per day x 20 days = \$1060.00 per month

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