



## 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
<b>COST OF CURRENT METHOD</b> * Involves Manual Pulling & Pushing	<b>\$3816.00</b>

\*\*\*\*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
<b>COST OF NEW METHOD</b> * Eliminates Pulling & Pushing	<b>\$381.60</b>

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

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

**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](mailto: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
<b>COST OF CURRENT METHOD</b> * Involves Manual Pulling & Pushing	<b>\$2120.00</b>

\*\*\*\*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
<b>COST OF NEW METHOD</b> * Mostly Eliminates Pulling & Pushing	<b>\$795.00</b>

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

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

**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
<b>COST OF CURRENT METHOD</b> *Involves a licenced driver	<b>\$4240.00</b>

\*\*\*\*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
<b>COST OF NEW METHOD</b> * No licence required	<b>\$1060.00</b>

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

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

**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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