

EHS ROI & Cost Analysis Worksheet

Loading Dock Ergonomic Upgrade Evaluation

Use this worksheet to calculate the true recurring cost of traditional rubber chocks versus a one-time capital investment in Ergo Wheel Chocks.

Part 1: The Status Quo (Cost of Rubber Chocks)

A. Total active dock doors:

B. Average cost per heavy-duty rubber chock: \$

C. Initial setup cost (A x B): \$

D. Annual replacement multiplier:
(How many times per year are chocks lost, crushed, or degraded?
Typically 1.5 to 2) x

E. 3-Year Recurring Rubber Chock Cost (C x D x 3): \$

Part 2: The Injury Risk Factor

F. Average cost of one lower back worker's comp claim:
(NSC average is approx. \$40,000) \$

G. True 3-Year Financial Exposure (E + F): \$

Part 3: The Ergo Upgrade (Capital Investment)

H. Total active dock doors (Same as A):

I. Price per Ergo Wheel Chock: \$

J. Total One-Time Ergo Investment (H x I):

(Note: Zero replacement multiplier due to all-steel, lifetime durability)

\$

Conclusion: Compare Line G to Line J. By eliminating the recurring replacement costs of rubber and neutralizing the \$40,000+ risk of an ergonomic injury claim, the Ergo Wheel Chock typically pays for itself within the first 12 to 18 months of deployment.