

MAKING THE CASE FOR COBOTS

THE NUMBERS THAT MATTER



THE STORY

\$2.9 TRILLION

Manufacturing GDP Contribution

13 MILLION

Workers Employed by Manufacturing

THE CHALLENGE

2.1M

Manufacturing Jobs
Projected to go
Unfilled by 2030

>\$1

TRILLION

Potential
Economic Loss

JOB OPENINGS:

1 IN 4

Manufacturers With
Vacancy Rates
Above 5%

438K

Open Manufacturing
Jobs (Feb 2026)

AGING WORKFORCE:

44.5

Manufacturing
Workforce Median Age

10

THOUSAND

Americans Turning 65
Every Day

1.84

MILLION

Manufacturing Workers
Expected to Retire

24%

Amount of U.S.
Workforce 55+

TURNOVER & COST:

\$36.07

Manufacturing
Average Hourly
Earnings at End of 2025

\$45-48

Total Hourly Employer
Compensation,
Including Benefits

\$10-40k

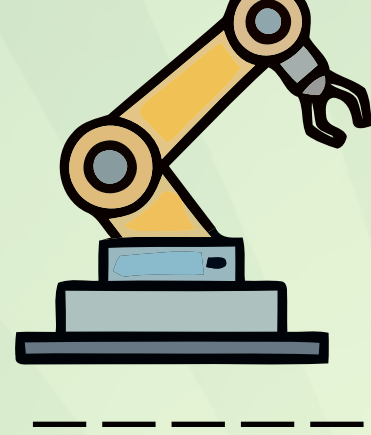
Average Cost of
Replacing a Single
Manufacturing Worker
(including recruiting, onboarding,
training, and lost productivity)

>25%

Annual Turnover
Rates in
Manufacturing

THE FIX

COLLABORATIVE ROBOTS

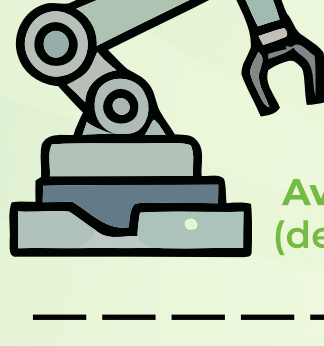
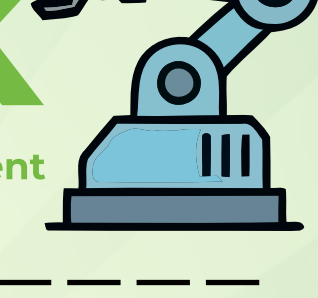


6-18 WEEKS

Full Return on Investment Timeframe for
Well-implemented Cobot Deployments

\$65K - \$85K

Annual Labor Cost Savings on Single Cobot Replacement
of One Full-time Operator in a Repetitive Task



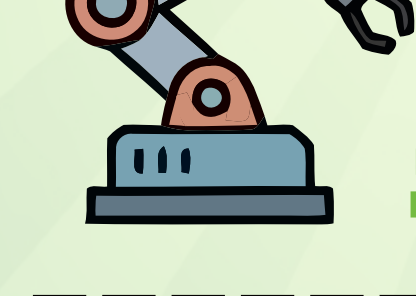
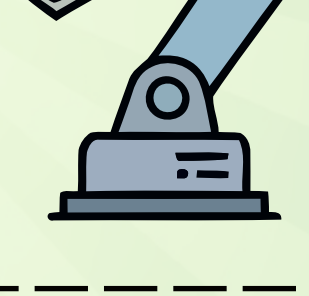
20-200%

Average Manufacturing Productivity Uplifts Reported
(depending on baseline efficiency and task complexity)



50-300%

Reported Productivity Improvements by
Manufacturers Deploying Cobots

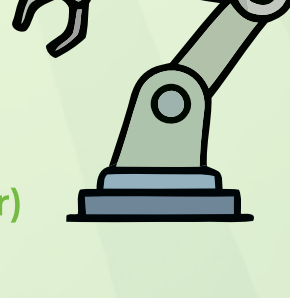


40-60%

Defect Rate Reductions for Manufacturers
Deploying Cobots for Quality-Critical Tasks

~8,500

Hours per Year Availability of Cobot
(~1,800 hrs/yr for a single human worker)



If your facility runs on repeatable manual tasks and needs reliable, cost-effective labor—cobots are your competitive advantage.

Get started at www.cobotpartners.com