






Reducing Labor Costs & Increasing Value

Does a shift from manual to automated palletizing make sense for your company?

What can you expect to get in return for your investment? When you consider the challenges related to finding workers for physically demanding, repetitive jobs, the benefits to integrating a robotic palletizer become very clear. Let's compare manual labor with robotic labor.

	Manual Palletizing	Robotic Palletizing
 <p>Labor</p>	<ul style="list-style-type: none"> ✗ Average hourly rate of \$16-\$24, and rising ✗ Requires management staff ✗ Third shift is paid more and overtime is extra ✗ Labor shortage and labor turnover 	<ul style="list-style-type: none"> ✓ Operating costs for robots range from \$0.15 to \$1.50 per hour ✓ Requires minor oversight ✓ No premium for night shift or overtime
 <p>Downtime</p>	<ul style="list-style-type: none"> ✗ Smoke breaks, lunches, sick time, vacation are typically built into work schedule 	<ul style="list-style-type: none"> ✓ Robots don't take vacations, lunch, or smoke breaks
 <p>Liability</p>	<ul style="list-style-type: none"> ✗ A study found that 23% of all unplanned downtime in manufacturing is the result of human error 	<ul style="list-style-type: none"> ✓ Properly programmed robots deliver consistent standards including stack patterns, products per load, & load integrity ✓ Proven quality control improvements
 <p>Quality Control</p>	<ul style="list-style-type: none"> ✗ 3.5 out of every 100 full-time workers are injured on the job 	<ul style="list-style-type: none"> ✓ Robots don't get hurt or file insurance claims
 <p>Personnel Management</p>	<ul style="list-style-type: none"> ✗ Typical workers get 2-3 weeks paid time off ✗ Hiring and recruiting costs can be quite high 	<ul style="list-style-type: none"> ✓ Robots require minimal maintenance and incur little cost when not in operation ✓ Robot supply is predictable and cost-effective