The Workforce of the Future is Now

Presented by:
Yale Materials Handling Corporation
Presenters

Mick McCormick
Vice President
Robotics & Automation

Gijo George
Director
Industry Strategy – Food & Beverage
Objectives

• Identify key external pressures that are redefining workforce planning and driving adoption of automation solutions

• Explore the implementation of robotics and automation solutions to address diverse operational challenges

• Recognize the value of automation was to augment human resources
Index of nominal value of construction put in place
1993 - 2018

Source: US Census Bureau, Construction Spending, Historical Value Put in Place
... of respondents: Hiring and retaining a skilled workforce is biggest obstacle facing supply chain professionals

64%
Manufacturing jobs will need to be filled by 2025. As many as 2M may go unfilled.
Demand for supply chain professionals may exceed supply with some predicting that ratio could be as drastic as 9:1.

U.S. Bureau of Labor Statistics
To address these challenges you could…

- Wait for the labor market to heat up
- Forfeit potential growth and profit
- Hire skilled workers at a premium
- Hire unskilled workers and train them

...or find ways to leverage your workforce through automation technology (4.0)
Seasonal Operations
Population Shift
Co-botics
Seasonal Operations

APPLICATION: 3PL provider

Horizontal transport of full pallet loads from shipping to put away

Put away, let down and ship out
Population Shift

APPLICATION: Consumer goods manufacturer

Reducing dependency on human capital in low population area

Maximizing the high value activity
FIND YOUR WOW

Co-botics

robot makes operator more effective – value-added
reduce dependency on human capital

APPLICATION: 3PL – Tier 1 Supplier

Augmenting available labor for 20 hrs/day, 6 days/week operation

Performing value-added activities
Other Considerations

Pay scales  Industry 4.0  VR  Attract/Retain Talent
Reimagine Your Operation

- Scalability
- Infrastructure
- Support
Key Takeaways

• Robotics as an input to effective workforce planning

• Commercial viability of robotics – affordable part of effective workforce planning today - start with what you are already doing and then expand out as you and your partner figure out how to

• Using technology to grow your business with the current workforce

• Reallocating scare labor to high value added activities
For More Information

Mick McCormick: mick.mccormick@hyster-yale.com
Website: www.yale.com

Gijo George: gijo.george@hyster-yale.com
website: www.yale.com

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