



Being Ahead of the
Upcoming Changes within
the Construction Industry

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Automation in the Construction Industry:

An Added Value, not Competition

What Is Automation and how do Operators Look at it?

Do We Understand it?

Automation is a technology concerned with the application of mechanical, electronic and computer-based systems to operate and control production

Benefits of Automation :



Efficiency



Cost Savings =
Potential Wage
Increase for Workers
(Needing to learn
new skills)



Safety

Concerns of Automation :



Job Loss/ Impact



Workforce Skills
Transition



Emotional Stress due
to Fear of Impact/
Lack of Jobsite
Interaction with Co-
Workers

Breaking Down the Facts



In the U.S.A, from
1947-2010 Productivity
in Construction
Remained Similar

Manufacturing and
Agriculture have
Embraced Automation.
Productivity Increased
exponentially



Construction has been
Long Seen as a
Physical/ Dangerous
Industry Leading to a
Shortage of Workers



It is Estimated that
within the next 10-15
years, 80 percent of
Heavy Equipment will
be Autonomous

*Old
Technology
Vs. New*



We can change, we have
changed, and we will
overcome change.

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