

AGILE MANUFACTURING MANIFESTO



We are uncovering a better way of manufacturing by empowering frontline engineers with the right digital tools. **Through this work we have come to value:**



AUGMENTATION

complements automation



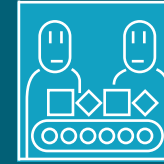
BOTTOM-UP

super-charges top-down change



RAPID ITERATION

to perfect solution design



FLEXIBILITY

simplifies adherence to plans

PRINCIPLES OF AGILE MANUFACTURING

1. Our highest priority is to satisfy the customer through the continuous delivery of quality goods.
2. Embrace change. Agile manufacturers harness change for the customer's competitive advantage.
3. Make process improvements frequently, with preference to the shortest possible time scale.
4. Operators, engineers, and business team members must work together daily throughout the project.
5. Those closest to manufacturing problems understand them best. Give them the tools and support they need, trust them to get the job done.
6. Data is essential for sound decision making. Agile manufacturers sample systems early and often and make adjustments as required.
7. People are central to manufacturing, and they aren't going anywhere. Augment workers with the tools and training they need to succeed.
8. Agile processes promote sustainable manufacturing. The entire value chain should be able to maintain a constant pace, indefinitely.
9. Continuous attention to total quality and process design enhances agility.
10. Simplicity--the art of maximizing the amount of work not done--is essential.
11. The most successful digital transformations build from the bottom up. The best process flows, product designs, and improvements emerge from collaboration across function and seniority.
12. Small pieces of value, delivered rapidly, are worth more than large improvements with a long time-to-value. Businesses and business models aren't stable enough to "set-it-and-forget-it"