





## WHY CHOOSE A MONO-LINE SOLUTION OVER A MULTI-LINE SOLUTION?

When choosing the ideal solution for palletizing on multiple production lines, two main options arise: **a multi-line palletizing cell or several single-line palletizing cells**. Each has its advantages and disadvantages, so it is essential to understand the differences in order to make the best decision.

	MONOLINE	MULTILINE
EFFICIENCY	✓	
NEEDED AREA		✓
ESCALABILITY	✓	
VERSATILITY	✓	
ACCESIBILITY	✓	
DELIVERY TIME	✓	
LINE COST		✓

### EFFICIENCY

Multi-line cells are less efficient and any malfunctions affect all connected lines. On the other hand, **mono-line cells minimize the impact of malfunctions** on production by working on a single line. This allows for **smoother pacing and greater efficiency**. By using this option, you can improve overall production performance and guarantee 99% OEE.





## NEEDED AREA

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Multi-line cells are **more compact** and are a good option in limited spaces. As they are custom-designed, they adapt better to the available space, which is beneficial in situations that demand maximum space optimization.

## SCALABILITY

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Mono-line cells allow for **increasing the capacity** of one line and automating others in the future without additional modifications. They provide **flexibility** and avoid extra costs as the demand changes. They are **scalable** and offer various configurations. Multi-line cells are more difficult to expand in the future.

## VERSATILITY

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Mono-line cells are **versatile** and adapt to most production lines due to their **standardization**. Unlike customized multi-line cells, they do not require modifications to adapt to packaging changes, thanks to their comb gripper and case-by-case palletizing.

## ACCESSIBILITY

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Mono-line cells are **accessible** by allowing space between them, which facilitates access to the production lines without the need for additional box lifts or catwalks. They improve personnel **comfort** and optimize efficiency by eliminating obstacles.

## DELIVERY TIME

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Mono-line cells have a **reduced lead time** as they do not require design time, unlike multi-line cells. This ensures faster and more efficient project execution, minimizing production downtime.

## LINE COST

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Multi-line cells often have additional costs due to their custom design and assembly, while mono-line cells offer **up to 80% savings in assembly time and costs**. The cost of three mono-line cells is similar to that of one two-position cell, taking into account assembly costs.