

# Pick Methodology Decision Tree

How to choose between single, batch, and wave picking based on your order profile. The right methodology can increase throughput 2-4x without adding headcount.

## Single Order Picking

Best for: Low volume (under 50 orders/day), high-value items, or complex/custom orders.

- One picker, one order at a time. Walk the warehouse, pick all items, return to pack station.
- Simplest to implement. No batching logic needed.
- Highest accuracy but lowest throughput per hour.
- Good starting point for teams new to WMS-directed picking.

## Batch Picking

Best for: 50-500 orders/day with moderate SKU overlap between orders.

- Pick multiple orders simultaneously in a single warehouse pass.
- Logentic groups orders by SKU overlap to minimize travel distance.
- Sort into individual orders at the pack station using scan verification.
- Typically 2-3x faster than single order picking.

## Wave Picking

Best for: 500+ orders/day with large teams and multiple zones.

- Orders are grouped into waves based on carrier cutoff times, priority, or zone.
- Each wave is released to the floor at scheduled intervals.
- Zone pickers handle their area; orders consolidate at pack.
- Maximum throughput but requires more coordination and staging space.

### RECOMMENDATION

Start with single order picking for your first week on Logentic, even if your volume supports batch picking. This lets your team learn the scan-verify workflow without the added complexity of sorting. Move to batch picking in week two once the muscle memory is there.