

SUPPLY CHAIN BEST PRACTICE FORUM WAREHOUSE AUTOMATION



SCALA's survey found that only 11% of our clients were currently using automated case picking (ACP), a logistics practice designed to benefit distribution centres and enhance supply chain efficiency



41% of our respondents said they had considered using it in the past but had since rejected for the idea for a number of reasons...



...whereas the remaining 47% said they had never considered it. No respondents said that they'd used it in the past but were not using now

"We use automated layer pickers but not individual case picking. Recent investment to upgrade **very positive.**"

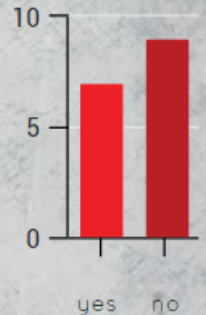
AUTOMATED CASE PICKING



- complex range of products makes it difficult to find the correct solution
- high investment versus relatively low volume in the total portfolio
- high investment/operation isn't large enough to warrant automation
- space required to install equipment/many different case sizes to fit together to maintain pallet fill

USE OF AGV S

while around 44% of companies said they do use automated guiding vehicles (AGVs) in their warehousing, 56% did not



BREAKDOWNS

PALLET SKIMMING

our results found that 19% of respondents currently use pallet skimming (i.e. the redistribution of the uppermost layer of goods on a pallet), 31% had considered but rejected it, and 50% had never considered it

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| <p>+</p> <ul style="list-style-type: none"> cost effective improved health and safety more layer picker options | | <p>-</p> <ul style="list-style-type: none"> lack of adequate expedition space difficulties due to clash between master data and actual dimensions high automation costs |
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AGV S

most responses suggested that, while AGVs offered more positives than negatives, the investment required to integrate them into warehousing might not be the priority of many companies at the moment

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| <p>+</p> <ul style="list-style-type: none"> worth the time investment increases process control extensive cost savings effective/consistent "no breaks, no strikes!" | | <p>-</p> <ul style="list-style-type: none"> restricts flexibility connectivity problems maintenance required regularly breakdowns can halt operations |
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