



AUTOMATION BOOSTS PROFITS AND CLEANLINESS

CHALLENGES



Currently, trimming at the client is very accurate and efficient. However, it is a largely manual, personnel-intensive process.



As increased production nears, a more scalable, automated solution could help maintain or increase margins.

Bloom Automation, Inc. was founded and incorporated in 2016 with the mission of providing cannabis cultivators a precise, robotic alternative to current post-harvest techniques.



Many human touch points, including during the wet-trim process, introduce potential bacteria or disease.

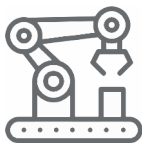
SOLUTION



Bloom Automation has developed a machine-vision powered algorithm capable of understanding and labeling each segment of the plant, whether flower, or leaf, or stem



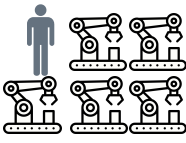
With input from the client, Bloom Automation is developing and testing a "QuickTrim" system, to assist specifically in the de-fanning, wet-trim processes at the client facility.



1 Operator would load the automated-trimming stations with 8-10 branches at a time, thereby allowing one individual to operate 5-6 robots simultaneously.

BENEFITS

Implementing an automated wet-trim solution for the initial client de-fanning process would ultimately reduce the head-count necessary from 6-12 employees down to a single operator, thus freeing talented labor.



AFTER FOUR YEARS

\$1.5M

Savings Per Team Automated

FUTURE

As we continue testing the initial, wet-trimming robot, we would begin development and implementation of additional automation suggested by the client's team.

De-Fanning



2019



Dry-Trimming



2020



Bucking



2020H2



Live Defoliation



2021

