

# Large Commercial Producer Reduces Labor Cost by 49% While Increasing Yield by 7%

## THE CHALLENGE

A large commercial producer was doubling production in 2025. They previously utilized large, batch-style trimming machines and band sorters to trim and size sort 60,000 kg/year of dry flower with good results. They knew that expanding to 120,000 kg/year would be a problem with their existing process.

They needed to increase and simplify post-harvest processing, while maintaining low staff levels, high flower quality, and increase flower to trim yields.

## THE SOLUTION

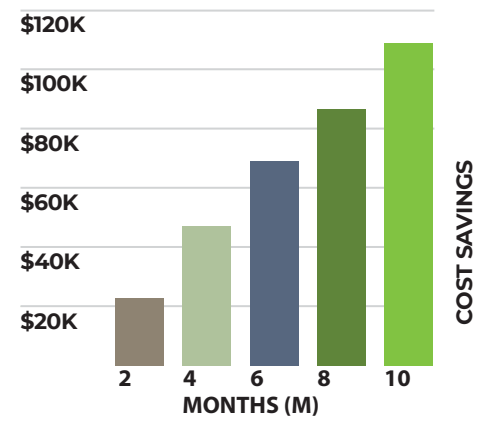
They implemented Keirton's T-Zero PRO Solution coupled with the Marvel AI machine. The complete solution allows them to trim dried, bucked flower, then grade and sort by size, quality, and potential defects.

## THE RESULTS

- Increased average processing speed by 16%
- Reduced staff labor from 12 to 7
- Increased flower yield by 7% on even the most problematic strains
- Increased A grade flower by 36%
- Improved flower quality - now is more aligned with gentle, hand trimmed appearance, while maintaining potency

*“The increase in A grade flower alone has been worth the investment.”*

MK



REDUCTION IN LABOR COST

**49%** | PER MONTH

INCREASE IN OVERALL YIELD

**7%**

SCALEABLE TO

**1000** KG | PER YEAR



## **OLD PROCESS**

Polished, rounded flower with battered buds and leaves, low pistil content, and lacking natural character



## **NEW PROCESS**

Strong structure with sharp bud and leaf edges, good visible trichome and pistil content, and full of natural character