

LASERWEEDER



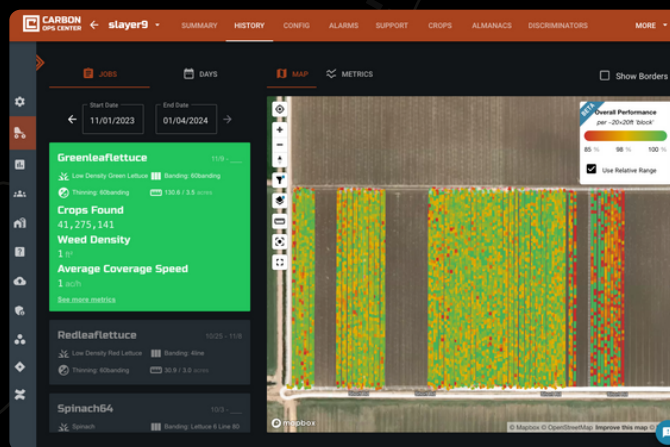
THE FUTURE OF WEED CONTROL

PRECISE WEED CONTROL

Eliminate weeds as small as the tip of a pen. No soil or root disturbance.

BOOSTS PRODUCTION

Laserweeding enhances crop yield, quality, consistency, and enables earlier harvests.



A SMART INVESTMENT

Save up to 80% with Laserweeding, while breaking even in 1 to 3 years on a machine that lasts 7-10 years.

CROP & WEED METRICS

In the Carbon Ops Center, view spatial data and metrics on crops, weeds, and performance.

EMAIL US
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MADE IN THE USA

DESIGNED IN SEATTLE, WA

BUILT IN DETROIT, MI

LASERWEEDER



PERFORMANCE

- Covers 1-3 acres/hour
- Kills up to 99% of weeds
- Works day & night 24/7
- Sub-millimeter accuracy
- Outperforms a hand crew of 75 people
- Increases crop yield, quality, and health
- Shoots 5,000+ weeds/minute

TECHNOLOGY

- 30 x 150W CO2 10.6 μ m lasers
- 42 high resolution predict and targeting cameras
- 152 high intensity LED bedtop lights
- 100+ AI deep learning crop models
- Precision computer vision software
- iPad touchscreen Operator UI
- Carbon Ops Center performance, crop, and weed metrics

PHYSICAL SPECS

- 20ft coverage width lifttable implement
- 60-88" adjustable row spacing
- Pulls behind row tractors with CAT 3 3-point hitch
- Front PTO generator power supply
- Overall dimensions 240"W x 117"L x 106"H
- Weight: 9,500 lbs



CLASS 4 LASER PRODUCT

DANGER - INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION

SCAN TO
VISIT
WEBSITE



carbonrobotics.com