

COST-EFFECTIVE, ORGANIC WEED CONTROL FOR LARGE-SCALE SPECIALTY ROW CROPS

# LASERWEEDER



## THE FUTURE *of* WEED CONTROL

### WHAT IS LASERWEEDING?

*PRECISION WEED CONTROL FOR LARGE-SCALE SPECIALTY CROPS*

#### **BETTER THAN SPRAYING.**

Laserweeding is safe, more effective than herbicides, and improves yields.

#### **BETTER THAN HAND WEEDING.**

Laserweeding automates a grueling task, helping offset labor challenges.

#### **BETTER THAN MECHANICAL WEEDING.**

Laserweeding is a no-touch, organic method that doesn't harm crops.

#### **A SMART INVESTMENT.**

Save up to 80% with laserweeding, while breaking even in 2-3 years.



[carbonrobotics.com](https://carbonrobotics.com)

SCAN  
TO VISIT  
WEBSITE



[sales@carbonrobotics.com](mailto:sales@carbonrobotics.com)

**Is weed control still one of the biggest problems on your farm?**  
Get in touch with our sales team to learn how laserweeding saves you money and puts you back in control.

# LASERWEEDER

carbonrobotics.com

NEW FOR '22!  
20-FT WIDE  
IMPLEMENT



## PERFORMANCE

KILLS UP TO 200,000 WEEDS/HOUR  
SUB-MILLIMETER ACCURACY  
KILLS UP TO 99 PERCENT OF WEEDS  
COVERS 2 ACRES/HR AT 1MPH  
INCREASES CROP YIELD, QUALITY,  
AND CONSISTENCY  
WORKS DAY OR NIGHT  
IN ALL CONDITIONS

## TECHNOLOGY

30X 150W CO<sub>2</sub> 10.6µm LASERS  
WITH TRACKING CAMERAS  
9X LED BEDTOP LIGHTING BARS &  
12X HI-RES PREDICT CAMERAS  
AI/ML DYNAMIC  
DEEP LEARNING MODELS  
PRECISION  
COMPUTER VISION SOFTWARE  
ISOBUS TOUCHSCREEN DISPLAY  
(TIM OPTIMIZATION IN 2023)

## PHYSICAL SPECS

LIFTABLE WEEDING IMPLEMENT  
WITH 20-FT COVERAGE WIDTH  
PULLS BEHIND ROW TRACTORS  
WITH CAT3 3-POINT HITCH  
60-84" ADJUSTABLE ROW SPACING  
PTO OR GENERATOR POWER SUPPLY  
OVERALL DIMENSIONS  
240"W X 117"L X 106"H

 CLASS 4 LASER PRODUCT  
DANGER - INVISIBLE LASER RADIATION  
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION