

# CURTEC® C3000 SPRAYER



- **Tallest**
- **Most Powerful**
- **Most Productive**  
orchard & grove  
sprayer available!

**citrus | apple | pear | pistachio | avocado | pecan | cherry**

For the progressive grower- Curtec's *third generation C3000* sprayer incorporates the latest technologies and over 20 years of innovations to bring you the most **efficient** and **effective** orchard and grove sprayer in the world.

Like all Curtecs before, the C3000 is a controlled droplet, targeted, tower type, low volume air sprayer with the power to penetrate and thoroughly cover even the ***densest, tallest*** trees at high operating speeds. Utilizing state of the art Proptec™ Rotary Atomizers and 48'' high-density Cross Flow Fan, the C3000's 16 Foot tower controls drift and the wind by spraying **ACROSS** and **DOWN** on the tree for unparalleled control. Sprays trees to 50' or higher. Adjustable fans allow you to precisely aim and control where you spray, pushing spray-laden air completely through the canopy, covering ***tops and bottoms*** of the leaves on ***both sides*** of the tree. It's a lot like walking outside in a thick fog- *everything gets wet*. Others use more horsepower, but none give more air or canopy penetration than the **C3000**.

With its MID-TECH® 6100 rate controller and Accu-Staltic™ metering pump, the **C3000** has the most precise, advanced, and ***easy to use*** metering system available today. Handles concentrated sprays with ease and low maintenance- even thick and chunky materials. 400 gal tank applies a whopping 8-12 acres PER HOUR, with 12 or more acres per fill. One C3000 often replaces 3 or more conventional airblast sprayers. Electric valve for *each* atomizer makes the **C3000** sprayer ready to accept Electronic Eye Tree Sensing System. Proudly made in the USA.

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## SPECIFICATIONS

### **HOOK UP:**

- 2 5/16'' Ball Hitch
- Unique 3 Point Hitch for outstanding tight turns w/ PTO Shaft
- Safety Chains included.

### **POWER:**

- Requires min 50 Tractor PTO HP (540 RPM) 75 HP or more preferred
- BIMA 4:1 Gear Box
- Ultra-high efficiency gear pumps

### **SAFETY SYSTEM:**

- Low Hydraulic Oil Level sensor

### **FRAME:**

- 4 x 6 x 1/4'' Tubular Steel for Strength & and Long Life.
- Mlti-coat paint for great chemical resistance and easy cleaning.

### **AXLE/TIRES:**

- Walking beam axle, 2'' Spindles on 3'' Solid bar center spindle- amazing flotation, low compaction, smooth ride
- 11L – 15 6 PLY (standard)
- 31 x 13.5 x 15 (optional)
- Adjustable track width and high or low chassis clearance.

### **FANS and ATOMIZERS:**

- 48'' High Density Cross Flow Fans (6 per machine) - the highest possible airflow per HP available. All Stainless Steel rotor and fiberglass housing for long life
- Exclusive Curtec Hydraulic Drive Rotary Atomizers- non clogging, long wearing, with uniform droplet spectrum regardless of rate (12 per machine)

### **TANK & MIXING PUMP:**

- 400 Gallon Poly Tank w/ Sparger Tube Agitation, (Optional)
- 400 Gallon Stainless Steel w/ Mechanical Agitation Standard
- 2'' Pacer Pump for excellent full tank agitation
- Sight Gauge standard

### **CHEMICAL DELIVERY SYSTEM:**

- Premium 12 Channel Accu-Staltic™ Peristaltic Metering pump – easy tube change and low maintenance, non-clogging with infinite flow rate adjustment, giving each atomizer its own metered flow.
- Individual electric 3-way valves- turn each atomizer on and off from the cab (Optional)
- 3/8'' Clear polybraid hose to each atomizer.

### **CONTROL FUNCTIONS:**

- MID-TECH 6100 Rate Controller
- All Controls electronic and in-Cab, no wet lines
- OPTIONAL electronic eye system, 1 to 3 zones per side
- OPTIONAL electric actuators for ease of adjustment

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