



# Stationary Wind Machines

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Model 2600

*Orchard-Rite*



# When one cold night can ruin an entire year's hard work...

**It's best to play it safe.**

Since 1967, we have crafted our wind machines with precision technology. We take pride in the details, which is why growers from around the world trust our name. We design machinery to match your needs and are there to help throughout the process. At Orchard-Rite, we are dedicated to serving you and your crops by providing the tools and knowledge to stave off those frosty nights.

### Gearboxes and FLEXOR® Steel Input Shaft

Built with durable ductile iron and designed with a FLEXOR® steel input shaft, which is considered to be superior to common alloy steel, our gearboxes come with multiple options to best suit the topography of any location.

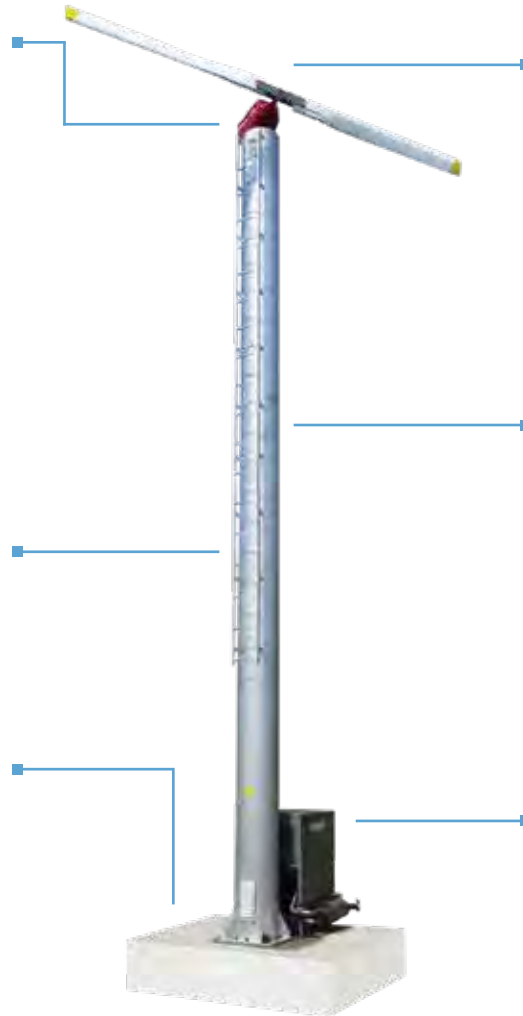
The gear lube bath provides continuous lubrication of the gears helping to prevent wear and corrosion.

### Drivelines

Three drivelines create maximum torque and rotation transfer. Drivelines are 10' x 4" (3.048m) with pillow block carrier bearings to allow unhindered movement

### Base

Maximum stability is achieved with a 7yd<sup>3</sup> (5.35m<sup>3</sup>) concrete base. High strength, high performance anchor bolts with 3x the corrosion resistance of galvanized. Meets International Building Code (IBC) for wind and seismic loading.



### Solid Fiberglass Blade

Designed with the latest technology and precision-built for frost control. Strongly reinforced at stress points for added safety and reliability. No wind exclusion in the warranty. Extended warranty available.\*

### Tower

The heaviest tower in the industry with a 5/16" (7.94mm) walled tube. A two-part paint system maximizes corrosion resistance. Hot-dipped galvanizing available for environments prone to corrosion.

### Engine

Certified to meet EPA emission standards. Powder coating provides resistance to scratches, chipping, and the elements.

\*Pursuant to the terms and conditions of the Orchard-Rite extended warranty agreement.



## Special features...

Orchard-Rite wind machines can be equipped with ORCell™ (cellular) monitoring technology.

This allows you to remotely, start and stop your wind machines, change other Auto-Start settings, along with monitoring from anywhere in the world. React quickly without having to physically be in the field.

## Auto-Start™

Save fuel.  
Save labor.



Designed in-house, Auto-Start™ technology provides automated protection against frost. Created with settable start and stop temperatures, you control the temperature at which the machine turns on and shuts down. Our Auto-Start™ accessory is accurate to +/- 0.5°F (0.3°C), providing you the peace of mind that your crops will continue to thrive. This accessory is an option for all new Orchard-Rite wind machines and can be retrofitted to most other makes and models.

Our custom designed Auto-Start™ allows you to set the following:

- Start Temperature
- Stop Temperature
- Warm Up Duration
- Engine RPM
- Cool Down Duration
- Wind Speed Shutdown

## + Optional Accessories

*Just a few of our custom accessories...*

Our dealers can help you determine which accessories fit your needs for the best harvest. Contact your dealer today.

### Laydown Tower



- Laydown height: 7' 10" (2.38m)
- Excellent option for maintaining scenic beauty
- Works well with pivot irrigation
- Improves safety for helicopters and airplanes

### Dogleg Tower



- Enhanced coverage of steep slopes
- Ideal for slopes greater than 6 degrees
- Combined with the Tilt Head, can cover slopes up to 10 degrees

### Driveline Holder



- Allows engine & gearbox to be removed & stored to prevent theft and pest damage
- An excellent option for theft prevention

### Oscillator



- Allows for a custom sweep area up to 180 degrees
- Ideal for narrow fields & canyons
- Prevents wasted coverage of unimportant areas

### 316 Stainless Steel Hood



- Superior corrosion protection

### Centrifugal Clutch



- Improves longevity of the gearboxes and driveline
- Beneficial for long periods when machine is not in use

### Vortex™ Anemometer



- Monitors wind speeds & will shut down machines when speeds are too high or winter heating conditions occur
- Noise reduction
- Lowers risk of costly repairs

### Solar Panel



- Keeps the engine battery properly charged
- Ensures the battery is ready to go after long periods of disuse
- Lowers risk of downtime during frost emergencies

### Contour & Tilt Heads



- Improves wind machine coverage on slopes, knolls, ridges or plateaus
- Can be custom designed to fit the needs of an area
- Allows one machine to cover areas that could normally require two standard machines

### Flood Riser



- Allows for wind machine operation in flood plains
- Reduces risk of flood damage and pest damage as well
- Raises engine 6 feet up (1.8288m)

# CAT® 7.1

Top-of-the-line diesel power  
with enhanced noise reduction  
and optimized fuel efficiency

**TIER III Turbo-Charged Diesel**

**3 Year/1500 Hour Warranty (Engine Only)**

**Oil Pressure, Water Temperature  
& Over-Rev Protection**

**Shear Pin Coupler**

- Protects Drivetrain Components

**Muffler System for Quiet Operation  
of Engine**

**Powder Coated Hood & Frame**

- Increased Protection from  
Outdoor Elements

**Electronic Controls**

**Integrated Pest Guard**

**Fuel Efficient: 10 GPH (37.9 LPH)**



Specifications	2600 Model
Tower - Height to Fan-Shaft	<b>10.7m</b>
Tower - Two Part Paint System	✓
Base - Concrete Volume	<b>5.35m<sup>3</sup></b>
Base - Meets International Building Code	✓
Shear Pin Coupler	✓
Blade - Length/Diameter	<b>6.05m</b>
Blade - Solid Composite Fiberglass	✓
Blade - Extended Warranty Available*	✓
Blade - No Wind Exclusion	✓
Blade - Pitch	<b>8 degrees</b>
Blade - Quantity	<b>2</b>
Gearboxes - Ductile Iron	<b>448MPA</b>
Gearboxes - Extended Warranty Available*	✓
Gearboxes - FLEXOR® Steel Input Shaft	✓
Gearboxes - Lubrication - Oil Bath	✓



*\*Pursuant to the terms and conditions of the Orchard-Rite extended warranty agreement.*



## Our Service Providers

Responsive and dependable, our service providers deliver exceptional knowledge and service and are located worldwide. They help you pick the right product at the right price and provide full-service at a moment's notice. Building lasting relationships is our business. You can depend on Orchard-Rite service providers!



New & Used



Parts & Service

## Exceptional Service & Commitment to You

For over 50 years we have been providing growers with the best experiences. We ensure this by partnering with factory-trained, authorized dealers and service providers. Our team is dedicated to serving you by listening to your needs, helping you find the right equipment, partnering you with superior service providers, and establishing a lifelong commitment to your business. We invite you to discover the Orchard-Rite Pledge - uncompromising quality and unparalleled service before, during, and after the sale.



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## Orchard-Rite

Pure Power. Pure Performance. Pure Orchard-Rite.