

## ***PISTACHIO HARVESTING EQUIPMENT***



***WS1000 & WR2000***

## ***WS1000 & WR2000 | PISTACHIO SHAKER & RECEIVER***

Oxbo backs all of its equipment with decades of experience building and supporting specialty harvesting solutions. Oxbo stands behind its equipment with readily available parts and in-field service support.





## WS1000 & WR2000

### SHAKING UP THE INDUSTRY

Oxbo builds robust and reliable pistachio equipment designed to deliver efficient harvesting tree after tree, field after field, and season after season. Oxbo pistachio shakers and receivers minimize downtime and maximize harvest performance. Across the product line, Oxbo is committed to delivering customer value and reducing cost of ownership.

Oxbo designed the shaker head to deliver fast and efficient tree shaking. The versatile three-level deck allows for height and angle adjustment to ensure maximum product capture across tree sizes. Bolt-on deck panels provide easy in-field replacement for damaged sections, reducing downtime and cost. The low friction, composite laminate sheeting leads to fewer nuts accumulating on the decks. The WR2000 Receiver can be configured for either a Bin or Bulk system.

Oxbo is committed to the safety, quality, performance, and reliability of our equipment. A focus on compliance ensures each piece of equipment meets all applicable standards.



Fastest tree to tree plus superior shake strength, nut removal, and product capture.



Designed with durable, premium materials and built to perform, season after season.



Simple joystick and dials control engine speed, shake time, and shaker head movement to reduce training time.



Easy access to all daily and seasonal maintenance items and wear parts.

**✓ POWER AND PERFORMANCE**

The 125 hp John Deere engines, and 2-Speed ground drive system allow maneuverability through rolling hills, mud, and other challenging conditions. Three Poclain high-pressure direct-drive radial piston hydraulic motors deliver strong, consistent performance. Turning radius of 19 feet for the shaker and under 15 feet for the receiver.



**✓ EASY TO MAINTAIN**

Oxbo's equipment was designed for easy maintenance. Modular deck panels reduce downtime by allowing you to replace sections as needed. Removable power wheel for easy service. Reversing fan keeps the radiator clean by removing debris, keeping the harvester cool, and a single belt drive system extends belt life.





**OXBO WS1000**

### ✓ **ADAPTABILITY**

The WS1000 is dynamic and adaptable to orchards of all ages. The adjustable pivot pin on the shaker head allows the WS1000 to harvest trees with diameters ranging 5 to 22 inches. Compatible with other OEM harvesting support equipment and can be customized to harvest other crops.



### ✓ **AUTOSHAKE**

All WS1000 feature Oxbo's AutoShake system. AutoShake automates the shaking process using adjustable timer and shake intensity settings. AutoShake delivers a consistent shake from tree to tree, regardless of operator fatigue or variability in technique. Shake intensity adjusts the RPM of the engine to achieve the optimum shake pattern based on tree sizes.



### **EFFICIENT SHAKE PATTERN**

- Precise, even shake pattern effectively removes product in under 5 seconds with minimal debris
- Two settings to shake small and large trees
- Strong product removal without damaging tree or removing next year's crop

### **RELIABLE HYDRAULICS**

- Simple hydraulics controlled by levers, minimal routing due to less valving
- The Poclain wheel motor hydraulics are attached through the kingpin and do not turn with the motor, reducing wear and tear

### **VISIBILITY**

- Center operator cab positions the driver directly in line with the shaker head for accurate tree alignment
- LED lights for night harvesting mounted to shine directly on the shaker head
- Turn signals, strobe lights, and side view mirrors





## WS1000 KEY FEATURES

- A** Bolt on deck panels for easy in-field replacement and **less downtime**
- B** Removable power wheel for **convenient service access**
- C** Robust clamp cylinder **delivers long field life**

- D** Adjustable pivot pin for **larger diameter trees**
- E** Durable, reliable Rexroth motor for **more efficient shaken pattern**
- F** Fixed pivot mechanism on Poclain wheel motors to **reduce maintenance**



**OXBO WR2000**



### **BIN OR BULK CONFIGURATIONS**

- Bin System: Tilting bin rack and secondary elevator. Dual independent hydraulic telescoping supports allow the bin rack to tilt forward to pick-up empty bins and tilt back to off-load full bins. Fold-up bin rack for easy transport.
- Bulk System: Rear bulk load elevator and telescoping hitch.

### **CLEANER PRODUCT**

- Flighted elevator with adjustable speed.
- Compact blower fan removes debris from crop before it enters the bin or bulk cart.



### **MANEUVERABILITY**

- Front and rear independent steering.
- Equipped with all-wheel drive and all-wheel steering with auto-centering rear steering for traction and maneuverability.

### **SAFE OPERATION**

- Middle-positioned operator provides visibility and protection under the deck. Turn signals, strobe lights, and side view mirrors provide additional safety.
- Optional closed cab with air conditioning protects from heat and dust.





## **PISTACHIO EQUIPMENT**

The WS1000 and WR2000 shaker and receiver can be paired with Oxbo's full line of bin or bulk equipment and is compatible with other brands of pistachio harvesting equipment. Each piece of equipment is made to order and customizable to meet the needs of your harvesting operation.



### **WB1000 BIN CARRIER**

- Sixteen roller fork with 14 chain-driven rubber rollers plus 2 additional front idler rollers
- Front & rear independent steering
- 2-Speed ground drive system
- Top speed of 19.8 MPH drives efficiency



### **WC1000 BULK CART**

- 400 cubic feet of bulk storage for longer intervals between unloads
- Dual 12 inch diameter leveling augers with adjustable flow control
- Durable 30 in. wide unloading belt with metal angle flights
- High-pressure hydraulic power assist axle



### **WT1000 BANKOUT SHUTTLE**

- Multi-stage telescopic cylinders to ensure loads are fully discharged
- John Deere 134 HP engine and four Poclain G-05 radial piston hydraulic motors for power, durability and performance
- Four-wheel drive and auto rear-steer centering

## SPECIFICATIONS

	WS1000 SHAKER	WR2000 RECEIVER
<b>Standard Features</b>		
Engine	John Deere 4045HFC04 Final Tier 4	John Deere 4045HFC04 Final Tier 4
<b>Tires</b>		
Front & Rear	33 x 15.5-16.5 14-ply	33 x 15.5-16.5 14-ply
<b>Dimensions</b>		
Overall Length	24' 10.3" (7.58m)	Bin: 29' 7.1" (9.02m) Bulk: 35' 8.2" (10.88m)
Overall Width	Max: 12' 7.9" (3.86m) Min: 10' 1.7" (3.09m)	Bin Harvest: 12' 8.1" (3.86m) Bin Transport: 11' 3.7" (3.45m) Bulk: 10' 5.6" (3.19m)
Wheel Base	10' 11.2" (3.33m)	15' 11.3" (4.86m)
Rear Track	5' 4.8" (1.65m)	4' 2.9" (1.29m)
Trolley Travel	30" (0.76m)	n/a
Deck Length	24' (7.32m)	25' 1.5" (7.66m)
Deck Height	Max: 10' 5.2" (3.18m) Min: 7' 11.3" (2.42m)	Max: 8' 7" (2.62m) Min: 7' 1.2" (2.17m)
Max Trailer Load Angle	10°	10°
Diesel Tank Capacity	50 Gal (189L)	50 Gal (189L)
Hydraulic tank Capacity	32 Gal (121L)	36.5 Gal (138L)
DEF tank Capacity	9 Gal (34L)	9 Gal (34L)
OP Cover Height	n/a	6' 11" (2.12m)
Conveyor Width	n/a	24" (0.61m)
Elevator Width	n/a	36" (0.91m)
Bin Rack Length	n/a	23' 8.8" (7.23m)
Weight	15,800 lb (7166.76kg)	16,740 lb (7593.1kg)



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