



NELSON HARDIE®

SUPER 92

THE BEAST

Engine-drive Air-blast Orchard Sprayer
Dual 46" Diameter Fans · 325 Horsepower



***NELSON HARDIE®* SUPER 92 ▲**
325HP John Deere Diesel Engine

1,000 Gal. Type 304 Stainless Tank ►

Twin 46" Diameter Co-axial Fans ▼



Designed & built by NELSON MFG. CO., INC. · Yuba City, CA
www.NelsonHardie.com

NELSON HARDIE® SUPER 92

Excellent Coverage In and Through Your Tallest Trees!

The new NELSON HARDIE **Super 92** Air-blast orchard sprayer is designed for spraying very tall trees such as wide-spaced pecans and walnuts. With 325 horsepower and twin 46" diameter co-axial fans, the **Super 92** will provide the best coverage in and through your tallest trees.

NEW AIR DELIVERY SYSTEM

The **Super 92** co-axial fan blades are designed from the fan hub to the tip of the blades to be quiet as well as for best performance. The galvanized fan housing also is designed for maximum air flow. Outlet Vanes allow for preferred directional adjustment while the large Lower Adjustable Volutes guide the lower air upward for greater volume, velocity and spray height.

DEPENDABLE POWERTRAIN

The 325HP, 6-cyl. John Deere diesel engine provides plenty of power for best performance and is protected by a safety shutdown system. The heavy duty "Soft-start" centrifugal clutch affords easy initial start-up as well as allowing the engine to stop normally while fans spin down. 150 gallons of fuel is more than enough to spray a full day.

EASY OPERATION

The **Super 92** Control box includes On-Off Switches for Spray valves, Engine start switch, Throttle control and a Color display with Engine instrumentation and Water pressure gauge. Suction and Pressure filters are built large to minimize cleaning. Filters and grease points are all conveniently located. The Nelson exclusive Set & Forget regulator keeps spray pressure constant from full tank to empty. Two rows of Rollover valves provide versatility for several different calibration settings.

SUPER 92 SPECIFICATIONS	
ENGINE	John Deere 9.0 Liter diesel, 6-Cyl., 325HP
ENGINE DESIGN	Turbo, Air-to-Air After-cooled, Tier 3 or IT-4
FUEL CAPACITY	150 Gallons
FANS	Two 46" Dia. 13-blade Cast-aluminum, Co-axial
CLUTCH	11" Dia. Centrifugal, Heavy duty
PUMP	Two-stage Centrifugal, 100GPM @ 200PSI
SPRAY VALVES	Teejet® 12 volt, 1", R&L
CHEMICAL TANK	1,000 Gallons, 12 Ga. Type 304 Stainless
AGITATION	Front & Rear Pressure with Eductors
TIRES	700/40-22.5 Flotation with 10-bolt Wheels
O.A. WIDTH	119 inches outside 700/40-22.5 Tires
O.A. LENGTH	322 Inches (26 Ft. - 10 In.)
O.A. HEIGHT	76" to 86" adjustable with 700/40-22.5 Tires
GROUND CLEARANCE	10" to 20" adjustable with 700/40-22.5 Tires
WEIGHT	9,100 Lbs. (Empty)

RELIABLE PRODUCT DELIVERY

Stainless steel is used on all plumbing fittings including the spray manifolds eliminating rust, corrosion and costly downtime. The dependable 2-stage centrifugal pump provides more than enough water for spraying large quantities per acre while providing great agitation. The Pressure Agitation system with Eductors keeps even heavy powders in suspension and is virtually maintenance free.

BEST CHOICE

For over 25 years NELSON HARDIE sprayers have proven themselves in demanding conditions and are a favorite of large ranches as well as with custom applicators. The **Super 92** will not only provide the coverage your crop needs but this rugged machine will give you many years of dependable service.

STANDARD FEATURES:

- Twin 46" Dia. Co-Axial Fans, Cast-aluminum
- John Deere 9.0L, 6-Cyl., 325HP, diesel Engine, turbocharged, Air-to-Air Aftercooled, Tier 3 or Interim Tier 4
- Engine Safety Shut-down
- Dual element engine Air Cleaner with S/S Pre-cleaner
- S/S Remote control includes Engine Start switch, Throttle adjust, Switches for R&L Electric spray Valves, and Full Instrumentation
- Two Fuel Tanks, R&L, 150 Gal. capacity, Powdercoated steel
- Large Liquid Sight Gauge on front Panel
- 2-stage Centrifugal Pump, 100GPM @ 200PSI
- 4-groove PowerBand® Pump Drive
- 700/40-22.5 Flotation Tires with 10-bolt Wheels
- H.D. adjustable height Hubs and Spindles
- Galvanized Frame, 3" x 8" x 1/4" wall tubing
- Galvanized heavy gauge steel Fan Housing and Guards
- Galvanized Lower Adjustable Volutes (directs lower air upward)
- Roll-over Spray Valves with Anti-drip (2 rows)
- Ceramic Orifices and Swirl Cores
- Stainless Steel Tank, 12 gauge, Type 304, 1,000 Gallons
- Stainless Steel Fill Basket, heavy gauge, 16" Dia. x 17" deep
- Stainless Steel Front & rear Jet Agitation with Eductors
- Stainless Steel "Set & Forget" Regulator
- Stainless Steel Suction Strainer, 8" Dia. x 12" long
- Stainless Steel Discharge Strainers 3" Dia. x 8" long
- Stainless Steel Discharge Manifolds, front & rear rows
- Stainless Steel Plumbing Manifolds, fittings & clamps
- Stainless Steel Hoods, Doors, front and side Panels

OPTIONS:

- Second Step, right side
- Two (2) Work Lights, LED, with stainless steel Guard
- Tank Flange, 2" or 3"FPT, S/S, welded to tank with poly plug
- Mechanical Agitation, 1-1/4" Dia. Shaft, S/S
- ONE SHOT Tree Recognition system (see ONE SHOT flyer)
- Rate Controller, MicroTrak® with Wheel speed sensor



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