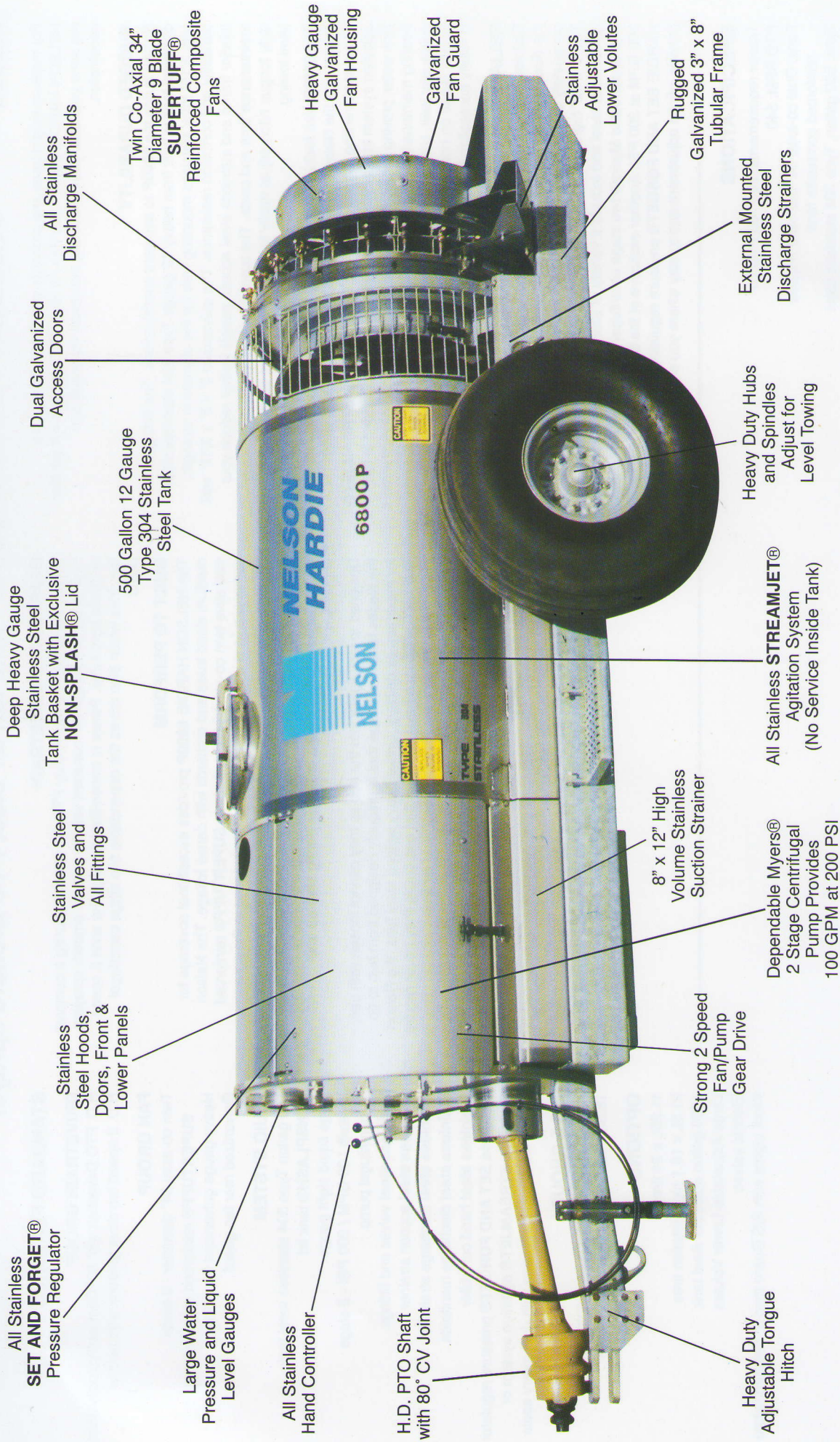


Strong - Dependable - Effective



All Stainless
SET AND FORGET®
Pressure Regulator

Large Water
Pressure and Liquid
Level Gauges

All Stainless
Hand Controller

H.D. PTO Shaft
with 80° CV Joint

Deep Heavy Gauge
Stainless Steel
Tank Basket with Exclusive
NON-SPLASH® Lid

Stainless Steel
Valves and
All Fittings

Stainless
Steel Hoods,
Doors, Front &
Lower Panels

Dual Galvanized
Access Doors

500 Gallon 12 Gauge
Type 304 Stainless
Steel Tank

All Stainless
Discharge Manifolds

Twin Co-Axial 34"
Diameter 9 Blade
SUPERTUFF®
Reinforced Composite
Fans

Heavy Gauge
Galvanized
Fan Housing

Galvanized
Fan Guard

Stainless
Adjustable
Lower Volutes

Rugged
Galvanized 3" x 8"
Tubular Frame

External Mounted
Stainless Steel
Discharge Strainers

Heavy Duty Hubs
and Spindles
Adjust for
Level Towing

All Stainless **STREAMJET®**
Agitation System
(No Service Inside Tank)

8" x 12" High
Volume Stainless
Suction Strainer

Dependable Myers®
2 Stage Centrifugal
Pump Provides
100 GPM at 200 PSI

Strong 2 Speed
Fan/Pump
Gear Drive

Heavy Duty
Adjustable Tongue
Hitch

NELSON HARDIE 6800P

air blast PTO orchard sprayer



NELSON MFG. CO., INC.
2860 Colusa Hwy., Yuba City, California 95993
Toll free: 1-877-673-0919 Fax: (530) 673-2072



NELSON HARDIE 6800P dual fan air blast PTO orchard sprayer

For medium height trees and orchards with dense foliage, the NELSON HARDIE 6800P Dual Fan Air Blast PTO sprayer will get the job done year after year, delivering maximum coverage and penetration.

RUGGED DURABILITY

Nelson builds the 6800P to stringent specifications. The 500 gallon chemical tank is built from heavy 12 gauge Type 304 stainless steel with 3/16" thick stainless mounting rails for the ultimate in strength, durability and corrosion resistance. The galvanized 3" x 8" x 3/16" wall tubular frame and stainless steel access panels further reduce your maintenance time and costs. The rugged axle assembly and heavy duty tongue hitch adjust easily for preferred ground clearance and level towing.

The 6800P also features a deep, heavy gauge stainless steel fill basket and the Nelson exclusive **NON-SPLASH**® tank lid which allows tank venting in both directions. The all stainless **STREAMJET**® agitation system keeps even heavy powders fully suspended in the tank water, proving to be more effective than mechanical agitation without bearing maintenance or having to rely on shaft seals that eventually leak. Unlike other bypass agitation systems that require in-tank repair on hoses and fittings, this system is flange mounted and is totally accessible from outside the tank.

RELIABLE PRODUCT DELIVERY

Stainless steel is used without exception from the 500 gallon tank to the discharge manifolds. Stainless steel valves and fittings completely eliminate rust and corrosion, saving you costly down time. The 8" x 12" high volume suction strainer and discharge strainers are all stainless steel and include a variety of stainless screen choices. The dependable Myers® two stage centrifugal pump provides up to 100 GPM at 200 PSI. Another exclusive of the 6800P, the NELSON **HARDIE SET AND FORGET**® pressure regulator, is designed to provide infinite adjustment and to stay where you set it.

SPECIFICATIONS

Tractor requirements: 70 - 100 PTO HP
PTO RPM: 540

Fans: Dual co-axial 34" diameter 9 blade reinforced composite fans

Tank: 500 gallon, Type 304 stainless steel

Tires: 16.5L x 16.1 - 10 ply high flotation

O.A. width: 87" (16.5L tires), 100" (21.5L tires)

O.A. length: 212 inches (17 ft. 8 in.)

O.A. height: 60" to 70" adjustable (16.5L tires)

Ground clearance: 8" to 18" (16.5L tires)

Empty weight: 3,500 Lbs.

DEPENDABLE DRIVETRAIN

Quality starts with the heavy duty PTO driveshaft featuring a compact high torsional strength 80° constant velocity joint for smooth spraying on those tight turns. Power is transmitted through the solid 2 speed fan drive which also drives the dependable two stage centrifugal pump.

BUILT TO PERFORM

The NELSON HARDIE 6800P provides exceptional coverage for medium sized trees and orchards with dense foliage. The Nelson exclusive twin co-axial 34" dia. 9 blade **SUPERTUFF**® reinforced composite fans work together causing a turbulence in the spray pattern providing the best coverage in heavy foliage. Made from glass reinforced Polyamide® with flexible toughening agents, these fans resist abrasion and are lightweight (weighing only 12 lbs. each) minimizing shockloads to the drivetrain during start-up and shut-down.

Designed to lock tightly into the hub so they cannot loosen with use, the blades feature a shape that is uniquely designed from hub to tip for maximum air delivery. Unlike heavy welded steel fans, the Nelson **SUPERTUFF**® fans have no welds that can crack, they never require costly balancing and are very inexpensive to replace.

The strong 2 speed fan drive gearbox provides fan speeds of 2,160 and 2,430 RPM to best utilize available tractor horsepower for the greatest volume and velocity, providing the best coverage.

PROVEN FAVORITE

Like all NELSON HARDIE sprayers, the 6800P is already a favorite with both individual farmers as well as custom applicators and will go the distance, giving your crop the protection it requires and providing you with many years of dependable service.

STANDARD FEATURES

DRIVETRAIN GROUP

H.D. PTO Driveshaft with 80° Constant Velocity Joint
H.D. 2 speed fan drive gearbox with neutral

FAN GROUP

Twin co-axial 34" diameter - 9 blade
SUPERTUFF® reinforced composite fan
Heavy gauge galvanized fan housing
Galvanized rear fan guard

FLUID SYSTEM

500 gallon Type 304 stainless steel tank
NON-SPLASH® tank lid
Large liquid sight gauge
Myers® 100 GPM / 200 PSI - 2 stage centrifugal pump

Stainless steel valves and fittings

Stainless steel suction strainer

Stainless steel discharge strainers

Stainless steel discharge manifolds

Stainless steel hand controller

Stainless **SET AND FORGET**® pressure regulator

Stainless **STREAMJET**® agitation system or

S/S Mechanical agitation with dual rotary seals

AXLE GROUP

H.D. adjustable height hubs & spindles
16.5L x 16.1 - 10 ply high flotation tires

OPTIONS

11.25L x 24 tires

21.5L x 16.1 high flotation tires

1000 gallon stainless steel tank

Large Adjustable Lower Volutes

Electric valves

Work Lights with S/S Guard (two 5" halogen lights)



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