

BIG JOHN MANUFACTURING CO., Inc.

OSMOND, NEBRASKA 68765

PHONE (402) 748-3860 • Fax: (402) 748-3235

PDF 642D Hi Pro Test Plot Sprayer

POWER • COMFORT • CAPACITY • SAFETY • FLEXIBILITY • MANEUVERABILITY



The PDF 642D Hi Pro is designed for your special applications. Highly maneuverable with the plot people in mind and compact for tight turnings with less damage to your valuable crops.

From the high visibility cab, the operator works safely and comfortably during the critical season.

Big John is proud to announce the new 642D Hi Pro Test Plot Sprayer, designed with research in mind.

Check out these features . . .

Heavy duty tubular base frame designed to withstand all the rugged demands of conventional ridge till and no till farming.

Adjustable tread width insures good field and road stability. Six foot under frame clearance allows mature crop spraying.

Rear pivoting axle suspension for the best control through the worst field conditions.

PDF load sense priority steering - no steering linkage. Rugged yet simple, allows for the tightest turning radius and facilitates easy row width change.

Full 4 WD hydrostatic drive and 32 inch tire package give maximum tractive effort and maneuverability.

Cummins diesel engine insures the PDF 642D Hi Pro has power to spare, proven reliability and the best service network in existence.

Specially designed leg configuration for maximum strength and minimum width allowing the PDF 642D Hi Pro to work where others can't.

Front mounted boom allows entire boom and nozzle view from the cab. With the PDF 642D, spray all year long - pre plant to mature crop spraying.



Leadership You Can Depend On!

EQUIPMENT FOR THE 21ST CENTURY

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The Best Command Center in the Industry . . .

THE PDF 642D SPRAYER CAB OFFERS:

- Exceptional Visibility
- State of the Art Controls
- Finger Tip Joy Stick Controller
- Enhanced Operator Comfort
- Pressurized Cab System includes Dust Free Interior Operation
- Comfort Sensitive Heating includes Dust Free Interior Operation
- Ozone Friendly R139A Coolant
- Cloth Air Ride Seat
- Quality AM/FM Radio
- Rear View Mirrors
- Instrumentation with Murphy Control
- Adjustable Steering Column

All this adds up to greater productivity and increased profitability.

PDF 642D Spraying Technology . . .

PDF 642D with the front mounted boom will give you the best delivery system in the industry.

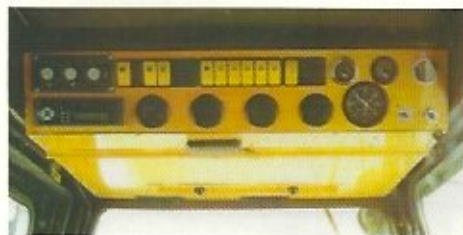
Lightweight construction of boom with full boom breakaway protection.

Give the PDF 642D Hi Pro a demo. No other sprayer can offer you more. The closer you look, the better it looks.



Specifications . . .

Tread width	72" to 90"
Wheel base	105"
Height-crop clearance	72"
Overall height	142"
Overall length	18'
Ladders	1/service platform
Shipping width	102"
Weight	7500 lbs.
Engine type	Diesel 4 cyl. 85 h.p.
Brand name engine	Cummins
Electrical system battery	12 V negative ground
	63 Amp Alt
Steering type	Tight Turn Direct
	Acting Priority Cylinders
Transmission type	Hydrostatic /4wh
Speed	0-18 m.p.h.
Wheel width adjust	Manual/Hydraulic
Tire size - front/rear	9.5" x 32"
Fuel capacity	30 gallons
Oil capacity	30 gallons
Coolant capacity	4 gallons
AM/FM radio	Yes
Climate controlled cab w/filters ...	Yes
Heater	Yes
Air ride cloth seat	Yes
Panel gauges/Murphy	Yes
	Hr-Fuel-Temp-Alt-Oil-Tach
Joy stick controller	Yes



Sprayer System . . .

Type of boom	Dry Boom
Boom width	30' - 50'
Folding mechanism	Hydraulic
Boom height - min/max	25" to 90"
Plumbing on boom	½" rubber
Nozzle body type	½" SS Quick tach
Nozzle spacing	30" or variable
Type of nozzle	Brass flat fan - or option
Size of nozzle	Variable
Type of valves	SS144
Spray tank size/type	200 gal. poly tank
Agitation	High volume jet
Bottom fill system	Yes/2"
Pump	Hyd. Cent.
Controls	Raven 440