



Big John Mfg. Co. Inc.

Leadership You Can Depend On

www.bigjohnmfg.com



The Closer You Look – The Better We Look

Big John Manufacturing PDF 830D Series High Performance Detasslers



The PDF 830D is the foundation for the most versatile, dependable line of high clearance tractors on the market. Fully equipped and ready for the most demanding field terrain, the 830D offers the following outstanding features: powerful T4F engine; a dual pump "no spin" wheel drive system, where separate front and rear wheel drives prevent hydraulic power loss to other wheels when one spins; big 11.2 x 38 inch tires for increased muddy field efficiency; a uniquely designed oil cooling and filtering system insuring long life for hydraulics; ruggedly designed throttle and propel controls for exact RPM and ground speed control; two speed range for higher road speed - 0-10 MPH low to 0-20 high; new extended

frame for better weight distribution; increased undercarriage height clear-tilt steering wheel for greater operator comfort; improved bucket-style seat with belts for greater comfort and safety, R.O.P. System with operator overhead and rear shielding for protection from weather and engine noise; quick change header capacity - the head drops in minutes. A variety of alternate heads can be remounted to make your tractor more cost effective. Hydraulic components are interchangeable, making for fewer spare parts on the shelf. Options include: gas; plant hydraulic legs adjust to quick row width changes. With its outstanding design and features, the 830DG is the proud pinical of the industry.

EQUIPMENT FOR THE 21st CENTURY

(402) 748-3860 OR 800-658-4471

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CUTTER HEAD

PDF's cutter assy is also available in 4, 6, 8, or 12 rows. The cutter employs a shroud and mower blade that cuts the tassels from the stalk. It's as easy to attach to the power unit as the puller and yields a high percent- age of tassel removal.

Much consideration has been given to the shrouding and the control of debris, making the PDF cutter the leader in the field.

QUAD PULLER

The PDF belt driven or all hydraulic Quad puller attachment is our most popular tassel-removing device. Available in a 4, 6, 8 or 12-row configuration, the head utilizes a set of counter revolving high quality rubber tires that pull each tassel from the stalk with minimal damage to the plant

The PDF Quad Puller is equipped with the heaviest shaft and bearing assemblies in the industry. The high speed, low maintenance, dependable Quad Puller fixture attaches quickly and easily to the tool bar on all PDF power units.



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LIFT ARM SYSTEM

Our lift arm system makes adjustment to tassel height an easy and precise procedure. An option is available on all PDF power units. The operator adjustable tweaking valves provide smooth hydraulic lift, variable response time and manual override of the system making this the preferred tassel removal tool bar for our customers.

Coupled with the tassel ray controls, our lift arm system will make your power unit a power performer.



TASSEL RAY CONTROLS

PDF's Tassel Ray Control System is an invaluable addition to any Detasseling System. An electronic sensing device that regulates and adjusts the height of the cutting or pulling head to the height of the tassels. The Tassel Ray System dramatically increases the percentage of tassels removed while minimizing excessive defoliation. Perfect for rolling fields and for the grower who just wants that extra edge, the TR System is simple to operate, dependable and durable.

The PDF Tassel Ray Sensing System will truly make your detasseling equipment state of the art and top of the line.



DEPTH CONTROL

12-volt electric liner actuators provide precise depth control for the Tassel Ray from the operator's platform. Manual depth control optional.

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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. Has a full six-foot under frame clearance.
- 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 38 inch tire package gives maximum tractive effort and maneuverability.
- T4F John Deere diesel engine insures that the PDF 830D 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 830D to work where others can't.
- Special 2-Speed 4-wheel drive system allows road speeds up to 20 m.p.h.
- Exceptional visibility
- Enhanced operator comfort.
- All of these features add up to greater productivity and increased profitability.

Options available:

- Cutters - 4, 6, 8, 10 & 12 rows
- Quad Pullers- 4, 6, 8, 10 & 12 rows
- Tassel Ray System
- Depth System Control
- Hydraulic Male Row Shredder Ground Driven Male Row Destroyer
- 4W Steer
- Sound Guard Cab

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