MOLDBOARD PLOWS

GENUINE-QUALITY JOHN DEERE PLOWS
Today's higher input costs might be causing you to think twice about everything you do on your farm. But one thing is for certain: Your soil remains your most important asset. And no other company is as dedicated to improving your soil conditions than John Deere.

Just take a look at the wide line of moldboard plows from John Deere. They efficiently turn soil for improved soil conditions. You get better root development, healthier crops, and ultimately a higher yield potential. And tillage doesn’t add to production costs like you might think.

According to a recent study,* rising fuel costs have added only 1.1 percent to the 14.33 percent increase in production costs since 2003. Eliminating tillage because of fuel costs might cause lower yields – offsetting any savings you thought you were making.

Take your soil to a higher level of productivity. Talk with the tillage experts at your John Deere dealership. They'll help you design a soil management system that lets you achieve higher returns from every acre you farm.

Looking to save on fuel costs? You might be tempted to shortchange your soil by reducing or eliminating your tillage passes. Yet in some cases, going to a reduced or no-till operation can cause lower yields per acre – which can offset any savings you thought you were gaining. So to save on fuel while keeping yield potential high, consider a precision farming solution from John Deere. For example, it’s easy to overlap a few feet or more on every pass. Imagine how much more efficient you’ll be – and how many fewer passes you’ll make – when AutoTrac™ Assisted Steering reduces your overlap to just inches. AutoTrac uses the John Deere StarFire™ GPS network to save fuel by reducing the number of passes you make in every field. For more information on precision farming solutions from John Deere, see the AMS consultants at your John Deere dealership.

Matching the right tillage tool to the job at hand is what John Deere’s Soil Management Systems (SMS) are all about. It’s tailoring tillage and agronomics to meet your farming practices. SMS centers around the elements of weed and pest management, chemical and nutrient incorporation, compaction management, seedbed preparation, and residue management. So whether you need to aggressively manage residue while conserving soil moisture, or whether you need to warm your soil up faster for earlier planting, John Deere has a tillage tool that fits your operation. Best of all, extensive durability testing and advanced engineering helps ensure these tools will work in your conditions – from wet, sticky soil to thick corn residue. You get rugged reliability when you need it most.

SEEDBED PREPARATION
Maximizing your crop’s yield potential starts with creating an ideal seedbed. A secondary tillage pass prepares seedbeds to make it easier for your planter or grain drill to pass through. This promotes faster emergence and optimal growing conditions for the rest of the season.

WEED MANAGEMENT
Weeds not only rob your fields of soil moisture, but they also steal nutrients from your crop. If left unchecked, they make harvesting more difficult and lower your grain quality. Pre-plant tillage eliminates early season weed flushes. Cultivation cleans up weed escapes, and eliminates herbicide resistant weeds left in the furrow.

INCORPORATION
Tillage is a reliable means of incorporating herbicides, nutrients, and animal waste into the soil. Incorporation reduces pesticide runoff, chemical and fertilizer losses, nitrogen volatilization, and odors associated with waste applications.

PEST MANAGEMENT
Insects and plant diseases can devastate your crop yields. Tillage reduces many insect and plant disease problems by incorporating the residue in which these insects and diseases thrive.

RESIDUE MANAGEMENT
Tillage is a responsible alternative for managing heavy residue levels in your fields. Correct use of tillage sizes or buries residue for optimum equipment operation and faster soil warming. Managing residue responsibly also slows the erosive forces of wind and water.

COMPACCTION MANAGEMENT
The best plant genetics, soil fertility efforts, and herbicide programs cannot overcome the yield reduction created by soil compaction. Tillage eliminates compaction that restricts root growth, and increases soil pore space for air and water to move. It also helps prevent erosion and standing water by improving infiltration.
These plows have real backbone. Check out this mainframe. It’s made of heavy-duty tubular steel: 5/16-inch thick on all sizes of 995 Plows and 4- and 5-bottom 975 models, and 3/16-inch thick on 2- and 3-bottom 975 models. This thicker wall, combined with fewer moving parts, gives your 975/995 Plow the brawn you need to handle heavier soils and higher-horsepower tractors, and with better reliability.

A three-piece moldboard design reduces maintenance costs by letting you replace worn shins rather than the entire bottom. Choose from steel or plastic moldboards. These steel moldboards are best for tough or abrasive soils. Optional plastic moldboards (shown on page 6) give good soil-shedding ability.

Level-best plowing, automatically

Looking for a reliable plow that can speed your primary tillage work and save you money? Then it will pay you to look at the John Deere 975/995 Reversible Plows. Their clever pivoting design and built-in John Deere dependability make your plowing jobs go faster and easier – start to finish.

Like all John Deere plows, the 975/995 Plows are designed to fit today’s farming practices. They give you the amount of turnover you need to control soil, residue, and combat plant diseases.

The in-furrow 975 Plow, available with 2, 3, 4, or 5 bottoms, is ideal for small-to medium-sized tractors. The on-land 995 Plow, in 5, 6, or 7 bottoms, gives you maximum productivity from larger-horsepower tractors.

Review the next three pages – you’ll see why 975/995 Reversible Plows are the best value on the market today.
975/995 REVERSIBLE PLOWS

Completely self-leveling (above). Simply level the plow when you hook up to the Quik-Coupler, then go. No additional adjustments needed. The pivot reversing pin on the on-land 995 is perpendicular to the ground; on the in-furrow 975, it’s at a 13.5-degree angle to the ground. The pin does the leveling for you automatically.

Unlike skip welds used on competitive plows, continuous-seam welds on the 975/995 Plows provide unmatched strength to resist the twisting torsional forces you encounter in heavy plowing.

Quik-Coupler compatibility. On both in-furrow 975 and on-land 995 Plows. You get fast, safe, and easy hookup and disconnect.

Larger tail wheel. This larger, more-durable tail wheel is standard on all 975/995 Plows. You get extra strength and reliability to match up with these bigger, more-powerful plows.

Tension-bolt trip (above) is standard on the 975/995 Plows. It trips when the plow hits a force around 7,500 pounds, preventing damage to the plow and bottom. Just lift the plow into the raised position, replace the bolt, and go. This simple, effective system gives you many years of use without adjustment or replacement. For rocky fields, consider optional safety-trip standards (page 6).
More sizes, more features, more efficiencies

John Deere reversible plows give you some definite advantages, both in the field and on your bottom line.

Our field-tested pivoting design lets you reverse the moldboards to make right- and left-hand-side passes to finish plowing faster.

And because 975/995 Plows have one set of bottoms, they require less maintenance and cost less to operate than a conventional rollover plow. They're frugal with horsepower and hydraulic lift capacity.

Add the options you have with John Deere plows – more sizes, plastic moldboards, safety trip, and adjustable width of cut – and you can tailor-design a new 975/995 Plow to make all your plowing jobs go fast and easy.

**BENEFITS OF PLOWING**
- Completely turns soil over for aeration.
- Speeds drying of soil.
- Buries residue to help kill leaf diseases and insects that reside in residue.
- Helps reduce soil compaction.

Optional time-saving safety trip protection lets you reset the moldboard without getting off the tractor. The safety trip, with field-proven durability, is ideal for working in rocky or hard ground.

To reset the safety trip, just raise the plow, let it reset automatically, drop, and resume plowing. Easy.

Adjust width of cut on 975 Plows to 16 or 18 inches just by moving these two bolts on the bottom frame. All 995 Plows feature an 18-inch width of cut.

This optional plastic moldboard (above) lets you use our long-wearing steel shins. This combination lets you plow sticky soils with greater ease.
The 975 2-bottom plow (left and right) is ideal for working smaller fields. And it requires a tractor of only 50 to 70 horsepower.

Our most popular size, the 5-bottom model, (right) is available both as an in-furrow 975 and an on-land 995.

<table>
<thead>
<tr>
<th>975 IN-FURROW PLOW</th>
<th>995 ON-LAND PLOW</th>
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<tbody>
<tr>
<td>NUMBER OF BOTTOMS:</td>
<td>2, 3, 4, or 5</td>
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<tr>
<td>TYPE OF MAINFRAME:</td>
<td>2- and 3-bottoms: 6x4-in. x 7/16-in. thick (152x102x4.8 mm)</td>
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<tr>
<td></td>
<td>4- and 5-bottoms: 6x4-in. x 7/16-in. thick (152x102x7.9 mm)</td>
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<tr>
<td>UNDERFRAME CLEARANCE:</td>
<td>32 in. (813 mm)</td>
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<tr>
<td>WIDTH OF CUT:</td>
<td>16 or 18 in. (406 or 457 mm) – adjustable</td>
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<tr>
<td>HITCH:</td>
<td>Category 3N, 3 or 2; Quik-Coupler compatible</td>
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<tr>
<td>TYPE OF REVERSING:</td>
<td>Hydraulic cylinder</td>
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<tr>
<td>STANDARDS:</td>
<td>Welded, tubular</td>
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<tr>
<td>TOTAL WIDTH OF CUT:</td>
<td>2-bottom: 2 ft. 8 in. to 3 ft. (.63 to .91 m)</td>
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<td></td>
<td>3-bottom: 4 ft. to 4 ft. 5 in. (1.2 to 1.4 m)</td>
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<td></td>
<td>4-bottom: 5 ft. 3 in. to 6 ft. (1.6 to 1.8 m)</td>
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<tr>
<td></td>
<td>5-bottom: 6 ft. 6 in. to 7 ft. 5 in. (2.0 to 2.3 m)</td>
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<tr>
<td>MAXIMUM PLOWING DEPTH:</td>
<td>14 in. (356 mm)</td>
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<tr>
<td>WEIGHT: (APPROXIMATE)</td>
<td>2-bottom: 900 lb. (408 kg)</td>
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<td></td>
<td>3-bottom: 1,200 lb. (544 kg)</td>
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<tr>
<td></td>
<td>4-bottom: 1,700 lb. (771 kg)</td>
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<tr>
<td></td>
<td>5-bottom: 2,300 lb. (1043 kg)</td>
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<tr>
<td>TRACTOR PTO HP REQUIRED:*</td>
<td>2-bottom: 50-70 hp (37-52 kW)</td>
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<td></td>
<td>3-bottom: 70-95 hp (52-69 kW)</td>
</tr>
<tr>
<td></td>
<td>4-bottom: 95-140 hp (69-104 kW)</td>
</tr>
<tr>
<td></td>
<td>5-bottom: 130-165 hp (97-123 kW)</td>
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*(Specifications and design subject to change without notice.)

*The 995 is not compatible with four-wheel-drive articulated tractors or track tractors.
Adjust width of cut to match soil, cover, and horsepower

Field conditions and soil types change. And that can put a lot of strain on your tractor if your plow isn’t equipped to ease power loads. So the 2810 Plow features an adjustable width of cut. In minutes, you can change cutting width to make the most efficient use of your horsepower. Adjustable width of cut also lets you fine-tune tilth. Widen the width of cut, and you can completely bury residue to help control insects, weeds, and plant diseases. Or narrow the width of cut to leave bands of residue that reduce soil erosion and preserve moisture, especially when you’re contour plowing.

And nearly 34 inches of underframe clearance gives you free-flow performance. So you can handle heavy crop residue.

See your dealer about a John Deere 2810 Semi-Integral Plow.

Choose an in-furrow plow with 4, 5, or 6 bottoms. The gauge wheel/tail wheel team gives you stable operation. Tailwheel includes an adjustable clevis for better fore-aft adjustment.

Adjustable width of cut. Change cutting width anywhere from 14 to 22 inches with an easy turnbuckle adjustment. And for on-the-go adjustment right from the tractor seat, consider optional hydraulic width-of-cut control.

Light-draft NU Series bottoms. Available in 16-inch (406-mm) and 18-inch (457-mm) with unpolished surface. Choose from a variety of shares – from heavy-duty narrow-cut to hard-faced gumbo models to get the results you need.
You’ll keep moving with the John Deere 2810 Semi-Integral Plow (above). It’s shown here with double-pivot spring-reset standards. Spring-reset standards are ideal for working in rocky conditions. For normal conditions, choose safety-trip standards (base equipment on the 2810). To reset, simply raise the plow and gravity pulls the bottom back into working position.

Optional double-pivot spring-reset standards: Bottoms unhook from ledge rock, float over buried obstructions, then return automatically to the working position for nonstop plowing.

A scissor-type landing (shown at left with hydraulic option) lets you make sharper turns without scuffing, or worse, puncturing the tire. This also helps reduce headlands for faster, easier plowing.

Number of Bottoms:
In-furrow: 4, 5, or 6

Bottom Size:
NU 16 in. (406 mm) or NU 18 in. (457 mm)

Depth of Cut:
12 in. (305 mm) with 16-in. (406 mm) bottom, 14 in. (356 mm) with 18-in. (457 mm) bottom

Frame Size:
8x8-in. (203x203 mm) box-beam tubular steel

Standards:
Double-pivot spring-reset for rocky conditions. Safety-trip for normal conditions

Minimum Horsepower Requirements:
4 bottom: 85 hp (63 kw); 5 bottom: 120 hp (89 kw); 6 bottom: 150 hp (112 kw)

Hitch:
4-, 5-, and 6-bottom: single- or double-pivot for Category 2 (with or without Quik-Coupler), 2/3N or Category 3 (with Quik-Coupler)

Clearance:
Fore-and-aft: 34 in. (864 mm)
Underframe: 33.5 in. (851 mm)
18-in. (457 mm) width of cut

Width of Cut:
Manual turnbuckle or hydraulic cylinder, 14 to 22 in.
(356 to 559 mm)

Coulters:
20-in. (508 mm) rippled blade standard; 20-in. (508 mm) plain or 22-in. (559-mm) rippled blade optional; long coulter arm for better trash flow optional

Steering:
Hydraulic with automatic rephase

Landing:
Manual or hydraulic

Gauge Wheel:
Standard

Tires:
9.5L-14 (rear wheel, gauge wheel, front castering furrow wheel)

Trashboards:
Steel or plastic

Safety:
 Implement warning lights, reflectors, SMV sign

(Specifications and design subject to change without notice.)
Rigid or flex, these plows are big on strength, clearance, and performance

Let’s start with strength. Massive 8x8-inch mainframes on both rigid and flex models let you bust through the toughest fields. They also help your plow maintain more-consistent depth and have less bounce during transport.

The 3710 Drawn Flex Plow’s mainframe is hinged in the middle, so you can move nimbly over uneven terrain without gouging or scalping contours and low spots. And you’ll find this flex plow incredibly easy to steer, because the two-piece mainframe gives you one-piece turning.

Plow bottoms. Both rigid and flex 3710 Plows feature light-draft NU bottoms. This unique design delivers excellent turnover, better scouring, and easier pulling. You’ll save fuel and frustration.

High clearance? Try a generous 34 inches of fore-and-aft clearance and 33 inches of underframe clearance. That's plenty of room for heavy residue.

Last, you get high performance. The best performance feature of all is adjustable width of cut. Both rigid and flex models let you fine-tune width of cut to match horsepower to field conditions.

Read on for more details. Then see your dealer to select the 3710 Plow that’s right for you.
3710 Drawn Rigid Plow. Available with 6, 7, or 8 bottoms for perfectly formed furrows in a variety of field conditions.

Adjustable width of cut – rigid model. Range of adjustment is 14 to 22 inches. A simple turnbuckle adjustment makes the job a breeze. Or for more convenience, choose hydraulic control for on-the-go adjustment.

- **SIZES**: 6, 7, and 8 bottoms
- **PLOW BOTTOMS**: NU 16-in. (406 mm) or NU 18-in. (457 mm) heavy-duty full cut
- **FRAME SIZE**: 8x8-in. (203x203 mm) box-beam steel frame
- **HITCH**: 3-position on-land (one transport and two working positions)
- **CLEARANCE**: (at 18-in., 457 mm, width of cut): Fore and aft: 34 in. (864 mm); Underframe: 33.5 in. (851 mm)
- **MINIMUM HORSEPOWER REQUIREMENTS**: 9-bottom: 235 hp (175 kw); 10-bottom: 235 hp (175 kw)
- **STANDARDS**: Safety-trip or spring-reset
- **COULTERS**: Shearbolt or cushion with 20-in. (508 mm) rippled blade standard; 20-in. (508 mm) plain and 22-in. (559 mm) rippled blades optional; long coulter arm optional
- **LANDING**: Adjustable turnbuckle standard; customer-supplied hydraulic cylinder may be used on in-furrow models.
- **WIDTH OF CUT**: Infinitely variable: 14 to 22 in. (356 to 559 mm)
- **TAIL WHEEL**: Castering rear-tail wheel with mechanical lockout
- **FURROW WHEEL**: Front, full castering
- **TIRES**: 9.5L-14 (all wheels)
- **TRASHBOARDS**: Optional steel or plastic
- **SAFETY**: SMV emblem, implement warning lights, safety chain

*Flex models have Walk-Over™ land wheels to let you cross easily over residue piles, waterways, and dead furrows. They also cut down on bulldozing in soft soil and reduce tire wear by improving weight distribution.*

*Standard choices. If your fields are relatively rock free, choose economical safety-trip standards (shown). But if you have rocks, stumps, or ledge rock, choose spring-reset standards for nonstop plowing.*

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Productivity starts with high-quality plow bottoms and shares

Count on John Deere to bring you the very best plow bottoms and shares in the business. Exclusive NU bottoms give you excellent penetration and superb scouring, and they slice through the ground with less effort, using less fuel. They’re the easiest-pulling bottoms around.

John Deere shares are made from fine-grain high-carbon steel, heat-treated for durability and surface-conditioned to take land polish quickly.

And these shares are backed by this guarantee: We’ll replace any share that breaks before it reaches specified wear limits. See your dealer for details.

Proper maintenance of your tillage tools does more than guarantee the desired soil turnover; it also helps ensure maximum equipment performance. So if you’ve noticed worn or broken parts, on your current equipment, visit the folks at your local John Deere dealership. As tillage experts, they can help you select the correct replacement parts and assist you with attachments and calibrations. And when you purchase Genuine John Deere parts, you know you’re getting top-quality parts guaranteed to fit and backed by an unbeatable warranty. So don’t delay – talk with your dealer today.

Required field-installed 975/995 bottom. Five-piece design, with plastic moldboard, steel shins, and 28-inch (711 mm) regular or hard-faced share.

Optional field-installed 975/995 bottom. Five-piece design, with plastic moldboard, steel shins, and 28-inch (711 mm) regular or hard-faced share.

NU 16-inch (406 mm) bottom.

NU 18-inch (457 mm) bottom.

NU 16-inch (406 mm) long bottom (not available for drawn models).

Full-cut 18-inch (457 mm) heavy-duty share.

Full-cut 18-inch (457 mm) hard-faced share.

Overcut 20-inch (508 mm) heavy-duty share.

Narrow-cut 18-inch (457 mm) heavy-duty share.

Factory-installed 975/995 bottom. Three-piece design with standard steel or optional plastic moldboard, steel shins, and 28-inch (711 mm) heat-treated or optional hard-faced share.

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